



RRRC NEWS

MONTHLY PUBLICATION OF THE ROCK RIVER RADIO CLUB



Volume 45 Number 8

www.rrrc.net

AUGUST 2024

AUGUST 2024 RRRC

Meeting Minutes



The monthly meeting of the Rock River Radio Club was held on **AUGUST 6TH, 2024**, using Zoom meetings. by President Peter Frey, AD9DO. The meeting and called it to order at **7:15** pm CST

SECRETARY REPORT Ray Teschke, KD9QLE,
Secretary presented the minutes of the **JUNE** meeting as published in the **JUNE** Newsletter.

Motion to approve by: Art Schregardus, N9TSC
Second by: Steve Burczyk, KE8PA,
Motion Carried

TREASURER REPORT Dave DePover K9MKP
Motion to approve by: Ray Teschke, KD9QLE
Second by: Ralph Hasler, N9WBL
Motion Carried

COMMITTEE REPORTS

ARES/REPEATER: Dale Marks, WB9ADB

The ARRL computer system has been down. Dale has been unable to file the monthly reports.

TRAILER: Len Buchda, KB9GDY

Nothing new to report.

REPEATER: Dale Marks, WB9ADB

Nothing new to report.

FIELD DAYS: Dale Marks, WB9ADB

Was a rainy weekend. Two non-members came out to visit.

OLD BUSINESS

TRAILER—was taken to the FlyIn at the Juneau Airport.

Seemed the crowd was down this year.

FIELD DAY— A lot of rain caused poor turnout. Brad donated brats for the Saturday evening get together meal. Len had 32 contacts. Several others made multiple contacts.

NEW BUSINESS

ZOOM Renewal—motion to reimburse Ryan

Motion Carried By hand vote

FOX HUNT—Cameron built a Fox Hunt antenna.

Date tentatively picked is Sunday September 8th.

SILENT KEYS—Bill Paxton, Niels Priest

NEXT MONTHS PRESENTATION—Rod Fritz

WB9KMO Amateur radio TV.

IMPORTANCE OF AMATEUR RADIO IN EMERGENCY

COMMUNICATION—Tonight's presenter Brad Gehrt, KA9JDE. See Brad's enclosed article. Brad to furnish links out for ARES required classes.

MOTION TO ADJOURNED

President Peter Frey, AD9DO heard no further business and requested the meeting be adjourned.

Motion to adjourn by: Ralph Hasler, N9WBL

Second by: Ray Teschke, KD9QLE

Motion Carried

MEETING ADJOURNED AT 8:08 pm

Respectfully Submitted

Raymond Teschke, KD9QLE

Secretary, Rock River Radio Club.

President

Peter Frey AD9DO 920-344-1378

Vice President

Ryan Klavekoske KB9OWD 920-356-8757

Secretary

Ray Teschke KD9QLE 920-210-9540

Treasurer

Dave DePover K9MKP 920-210-2209

Club Historian

Gary Pedersen KA9BAE 920-386-4666

2024 Officers



Emergency Coordinator

Dale Marks WB9ADB 920-485-4234

Assistant Emergency Coordinator

Ryan Klavekoske KB9OWD 920-356-8757

Repeater Directors

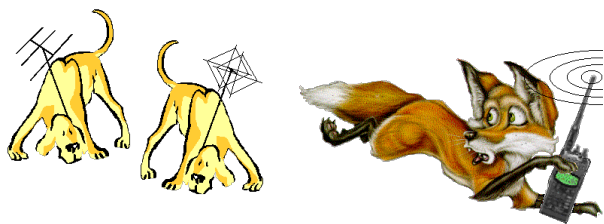
Dale Marks WB9ADB 920-485-4234 (Trustee)

Dave DePover K9MKP 920-210-2209

Keith Lodahl, WJ9L 920-387-4675

Ray Teschke KD9QLE 920-210-9540

Webmaster Lucky Lasanske 920-216-4268



Join us for a RRRC Fox Hunt Sunday September 8th in the afternoon

What is a Fox Hunt? It's an activity where participants use radio direction finding techniques to locate a radio transmitter hidden within a designated search area (in our case, Dodge county).

Non club members are also welcome to participate.

More details to follow in a before the event from Peter. Email Peter at alphadelta9deltaoscar@gmail.com to let him know you are planning on participating!

Feel free to carpool. Bring your kids and grandkids!

PRESIDENT'S REPORT

Letter from the President:

Good day to you all. I trust you are having a great summer. Cameron and I are certainly keeping busy. The EAA was amazing as always and as I write this, the Dodge County Fair is happening. On September 8th, we will be holding a Fox Hunt in Dodge County. We have a 1-watt transmitter and plenty of space to hide it in. This will take place in the afternoon that day but I have yet to work out the particulars. If you would like to participate, send me an email and I'll make sure to get you all the information. This is not limited to the club so if you know of anyone that may want to join in, feel free to let them know about it.

With that said, I also hope you are all enjoying the solar cycle. Other than the solar storms, it's been quite exciting. We should be in for an amazing Autumn and Winter and the D-Layer absorption relaxes for us. I for one am ready for 10m to come back alive.

All the best, Peter AD9DO



Congratulations to Peter AD9DO for activating his 100th unique park on July 11. As of today, Peter has done 250 POTA activations! How cool is that?



THE NEXT MONTHLY MEETING
OF THE RRRC WILL BE HELD
TUESDAY, **SEPTEMBER 3RD** AT
7:00 PM in-person at Mike De
Jager's place (KB9LXP),
111 N. High Street Randolph WI

If you can't make it in-person, join via ZOOM online.
A link to join will be emailed out to you.

OUR SEPTEMBER PROGRAM
IS ON AMATEUR TV
BY ROD FRITZ WB9KMO



The monthly RRRC breakfast get-together will be
on Saturday, **SEPTEMBER 7TH**, at the Village
Garden Restaurant in Juneau. All are welcome,
so join us at around 8:00 AM for a pleasant informal gathering.

RRRC **AUGUST** 2024 MEETING ATTENDANCE

Ray Teschke, KD9QLE, Horicon
Peter Frey, AD9DO, Beaver Dam
Ryan Klavekoske, KB9OWD, Beaver Dam
David DePover, K9MKP, Juneau
Gene DeGroot, - WB9QCC, New member
Dale Marks, WB9ADB, Burnett
Dennis Weigel, KC9ICA, Horicon
Art Schregardus, N9TSC, Randolph
Gary Pedersen, KA9BAE, Juneau
Len Buchda, KB9GDY, Randolph
Mike DeJager, KB9LXP, Randolph
Brad Gehrt, KA9JDE, Rush Lake
Ralph Hasler, N9WBL, Oconomowoc
Rod Fritz, WB9KMO, Mesa, AZ

GET INVOLVED IN EMERGENCY COMMUNICATIONS! WHAT DO I NEED TO DO?

By Brad KA9JDE and Dale WB9ADB



Do you have an interest in being involved in ARES (Amateur Radio Emergency Service) and RACES (Radio Amateur Civil Emergency Service)?
Read on...

What's the difference between ARES and RACES?

RACES is structured and rigid and must be activated by a local civil defense official; ARES can be activated by an ARRL official such as the local ARRL Emergency Coordinator (EC). RACES and ARES are both vital organizations and need your participation to make them effective.

Who is in charge in our area?

Kyle Schaefer KC9SDK is our Wisconsin Section Emergency Coordinator: sec4wi@gmail.com

Dale Marks WB9ADB is our Dodge County Emergency Coordinator: dmarks@powercom.net

We are part of the East Central District which includes Brown, Calumet, Dodge, Door, Fond du Lac, Green Lake, Kewaunee, Manitowoc, Marquette, Outagamie, Sheboygan, Waupaca, Waushara and Winnebago counties.

What is required to be involved?

- ☐ A valid ham radio license
- ☐ SKYWARN training every 2 years. In person training is preferred, but here is a link to a YouTube video:
<https://www.youtube.com/watch?v=hXcqT0IGbcA>
- ☐ Required on-line courses:
 - To complete the required on-line training, you need to register for a FEMA Student Identification Number (FEMA SID): <https://cdp.dhs.gov/femasid/register>
 - FEMA (Federal Emergency Management Agency) ICS 100 (Introduction to Incident Command System): <https://training.fema.gov/is/courseoverview.aspx?code=IS-100.c&lang=en>
 - FEMA (Federal Emergency Management Agency) ICS 700 (An Introduction to the National Incident Management System): <https://training.fema.gov/is/courseoverview.aspx?code=IS-700.b&lang=en>
 - Both classes are boring, BUT it is crucial that you learn about working with local police and fire professionals to be involved in ARES / RACES. You can do it!

Optional but valuable additional training

- ☐ Volunteer to be net control on our Monday night ARES Net on the Juneau Repeater at 7:30 or on our Thursday night 440 Net on the Knowles Repeater at 7:30. It is a great way to learn how to run a controlled net. It's ok if you make mistakes as that is the purpose of the net – to train new net control stations! Contact Peter AD9DO (alphadelta9deltaoscar@gmail.com) or Dale WB9ADB (dmarks@powercom.net) to volunteer.
- ☐ Complete the ARRL on-line courses Basic EmComm and Intermediate EmComm. These courses can be found at <https://www.arrl.org/online-course-catalog>. NOTE: you will need to create a different login for this website than you normally use at arrl.org
- ☐ FEMA offers many additional training videos that are NOT boring. Check them out at: https://cdp.dhs.gov/online_course Feel free to ask Dale WB9ADB for recommendation.

Lastly, if you haven't done so already, check out KA9JDE's article "Are You Prepared" in this newsletter.

ARE YOU PREPARED?

By Brad KA9JDE

On Friday, July 19, I was scheduled to fly from Appleton WI to Mesa AZ. In the last couple of years, I have taken this flight 39 times. Why would this day be any different? Little did I know that a Windows update would cause a widespread outage across the globe. Although my plane was sitting at the airport, it could not take off. The airline's website was completely down and the folks manning the ticket counter had no way of finding out when the system would be fixed, how to reschedule my cancelled flight or how to get me a refund.



What is BSOD?

The Windows "Blue Screen Of Death" on July 19, 2024

This is the world we live in. We are extremely dependent on technology and networks. It can be caused by network issues, computer viruses, tornadoes, hurricanes or an aging power grid. My guess is it will happen again.

Am I a "prepper"? Nope. But I am a realist. It's not a perfect world and stuff happens. The question is: will YOU be ready for the next outage?

What are a few things you can do to be prepared (in no particular order)?

- ☐ Have a small "go bag" ready with photo IDs, medications, a first aid kit, glasses or contact lens and solution, flashlights, matches, batteries, a USB power bank with proper cables for your phone, a simple AM radio, an HT programmed with local repeater and simplex frequencies and maybe even an HF rig with a portable antenna (like a simple dipole antenna) and 12 volt battery power. Keep the rechargeable batteries in your Go Bag topped off and ready to go.
- ☐ Have an assortment of canned foods in the basement. Dinty Moore Beef Stew is actually pretty tasty! If they approach expiration dates, eat them and buy new!
- ☐ Have some gallons of bottled water in the basement.
- ☐ Have cash. ATMs could be down, and cash is king especially if credit card machines aren't working.
- ☐ Have toilet paper. I know, who would have thought we would have a shortage during the pandemic!
- ☐ Setup and learn how to use WinLink email and texting now! More on this later.
- ☐ If your HT can do APRS (Automatic Packet Reporting Service), learn how to use it before an emergency. APRS texting can be a useful tool when cell service is down. APRS location sharing can also be useful.
- ☐ Have a lighter and matches in case you need to start a campfire for cooking or heat. Wood to burn too.
- ☐ Be a part of your local Amateur Radio Emergency Service (ARES) group. This requires more effort than checking into a net. It involves taking a few online courses. Contact Dale WB9ADB for more details. Dale is our ARES Emergency Coordinator for Dodge County.



What is WinLink and why is it a BIG deal:

- ☐ WinLink allows ham radio operators to email other ham radio operators that have registered on WinLink.org without using Internet or cell phones. All you need is a ham radio, a stand-alone computer (Windows, Raspberry Pi, etc.), an antenna and a power source.



- WinLink also allows ham radio operators to email / text non-hams via radio. How does this work?
 - Let's say a tornado knocks out cell and internet service in Dodge County (Yikes!). But the rest of Wisconsin (and the world) is unaffected. WinLink users can email or text non-hams by using WinLink to access other WinLink nodes that are up and running via VHF or HF. And the folks that I emailed can reply back to me! I use WinLink nodes on 2m, 20m, 30m and 40m. Some of the nodes I regularly use are outside of the country. Kevin KC9YPK hosts a WinLink node on 145.61 MHz in Mayville. Brad KA9JDE is planning on hosting a WinLink node on 2m north of Ripon.

Have I got your interest? Setting up WinLink is not that difficult. What do you need to get started?

- Create a free account on winlink.org. You must be a licensed ham radio operator.
- Download WinLink Express software at download.winlink.org. It is listed under User Programs. It is free, but registering is a good thing to do and supports the program. This optional registration fee is \$24 per callsign.
- Download VARA FM or VARA HF from <https://rosmodem.wordpress.com/>. VARA is the standard mode these days for WinLink. There is a free version and a paid version (that is faster). Some VHF nodes still use WinLink Packet, which is free.
- A ham radio (2m or HF). The first rig I used on HF WinLink was my 42-year-old Yaesu FT757GX.
- Although there are many ways to connect a rig to a computer, a Signalink USB or DigiRig work best. Some rigs have a sound card already built in, like an Icom IC-7300 or Yaesu FT-991A. You will also need cables, one to connect to the radio and the other to connect to the computer.
- A VHF or HF antenna. It doesn't need to be fancy. At home, I use a 132' End Fed Horizontal Wire for HF and a simple vertical for VHF. When portable, I use a very simple linked dipole for 10m / 20m / 40m that I built using speaker wire.
- A power source. I use a Bioenno LiFePO4 12-volt battery. They are a bit pricey. Plenty of other brands can be found on Amazon. You do get what you pay for. Get what your budget allows.
- Consider having a solar panel and controller to charge your batteries.
- A computer of some sort. It can be older. It can be a Windows based laptop or tablet, Raspberry Pi based, etc.

TECHNOLOGY IS USELESS IN AN EMERGENCY UNLESS YOU PRACTICE USING IT REGULARLY. That is why I send an email message via WinLink every week to the Wisconsin ARES / RACES WinLink Net between Monday evening at 7 PM (00:00Z) and Tuesday evening at 7 PM (00:00Z). This is not like a voice net. My email is short and sweet: Brad, KA9JDE, Ripon, Winnebago, USA. It only takes a couple of minutes to do it and then I know my equipment is ready if an emergency pops up. About 60-70 hams check in each week to the net.

The POTA (Parks On The Air) program is fun, yet it fulfills another purpose. It helps you become very proficient at operating portable. What an awesome skill to have in your "tool belt".

I hope this article inspires you to get prepared, for the next time we have an outage or an emergency.

73, Brad KA9JDE



SURPRISE GUEST AT OUR LAST MEETING

By Brad KA9JDE

We had a surprise guest at our last RRRRC meeting. A true flash from the past! Does the call WB9QCC ring a bell? It wouldn't unless you were an aspiring ham back in the 70's or 80's! Gene DeGroot WB9QCC of rural Randolph showed up unexpectedly to say "hi" to the group. Gene used to teach our RRRRC ham radio licensing courses, along with Dale WB9ADB years ago.



I also had a special relationship with Gene back in the early 80's. Gene was one of my early mentors and taught me a great deal about computers that I value to this day.

He also rejoined the RRRRC! How cool is that?! If you happen to hear Gene WB9QCC on the air, please give him a warm welcome!

NEW DX MODE: SUPER FOX FT-8

Introducing the SuperFox WSJT-X V2.70-rc6 (Beta)

N5J (Jarvis Island) will be using the NEW SuperFox Feature for the first time ever.

I just worked them on 20m FT8 (14.092 – notice the odd frequency).

There have only been 2 DXpeditions to Jarvis Island since WWII:

November 1983 and April 1990

They (N5J) are on the air NOW through August 20th weather permitting.

CW, SSB and FT8 SuperFox

Here's a link to a YouTube video showing their antenna setup:

<https://youtu.be/L4bqsoHRLB4>



Frequently Asked Questions (and Answers) About WSJT-X SuperFox and SuperHound Modes

1. What is SuperFox mode in WSJT-X?

SuperFox mode allows an expedition to make digital QSOs at rates higher than possible with previous versions of WSJT-X. In previous versions the Fox would transmit up to 5 streams, with each stream being 50 Hz wide.

The SuperFox transmits a full power constant-envelope waveform 1512 Hz wide. The SuperFox may send reports or RR73s to as many as nine SuperHounds simultaneously. Importantly there is no reduction in received signal strength to do so. A SuperHound will experience the same received signal strength regardless of the number of Hounds being contacted by the SuperFox.

In addition, the SuperFox transmits a digital signature of authenticity. This signature allows the SuperHound to verify the legitimacy of the expedition, thereby reducing or eliminating piracy. This is covered in more detail soon.

2. Do I need special software?

Yes, both the SuperFox and SuperHound need to run WSJT-X version 2.7.0-RC6 or newer. (expect the release around July 1).

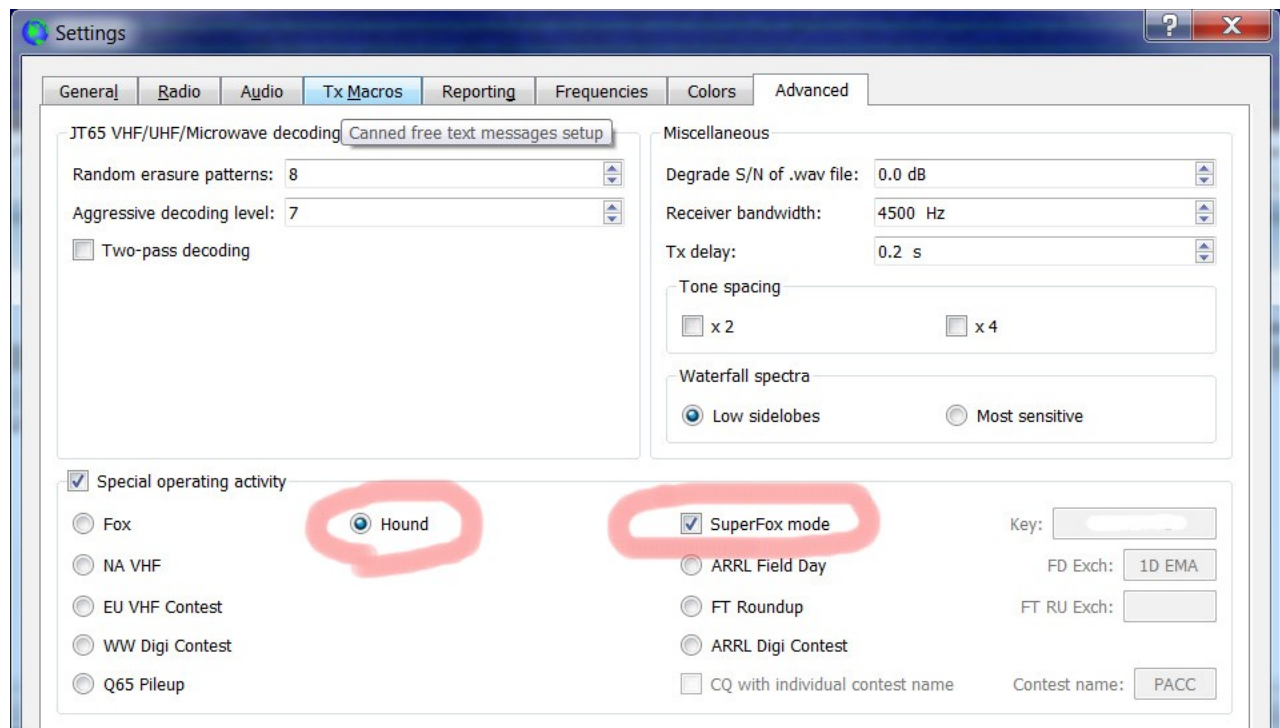
3. Do I need to set my receiver or transmitter to a certain bandwidth for SuperFox decoding?

No, as the SuperFox transmits a signal 1512 Hz wide, using the same settings you use now with WSJT-X will work fine.

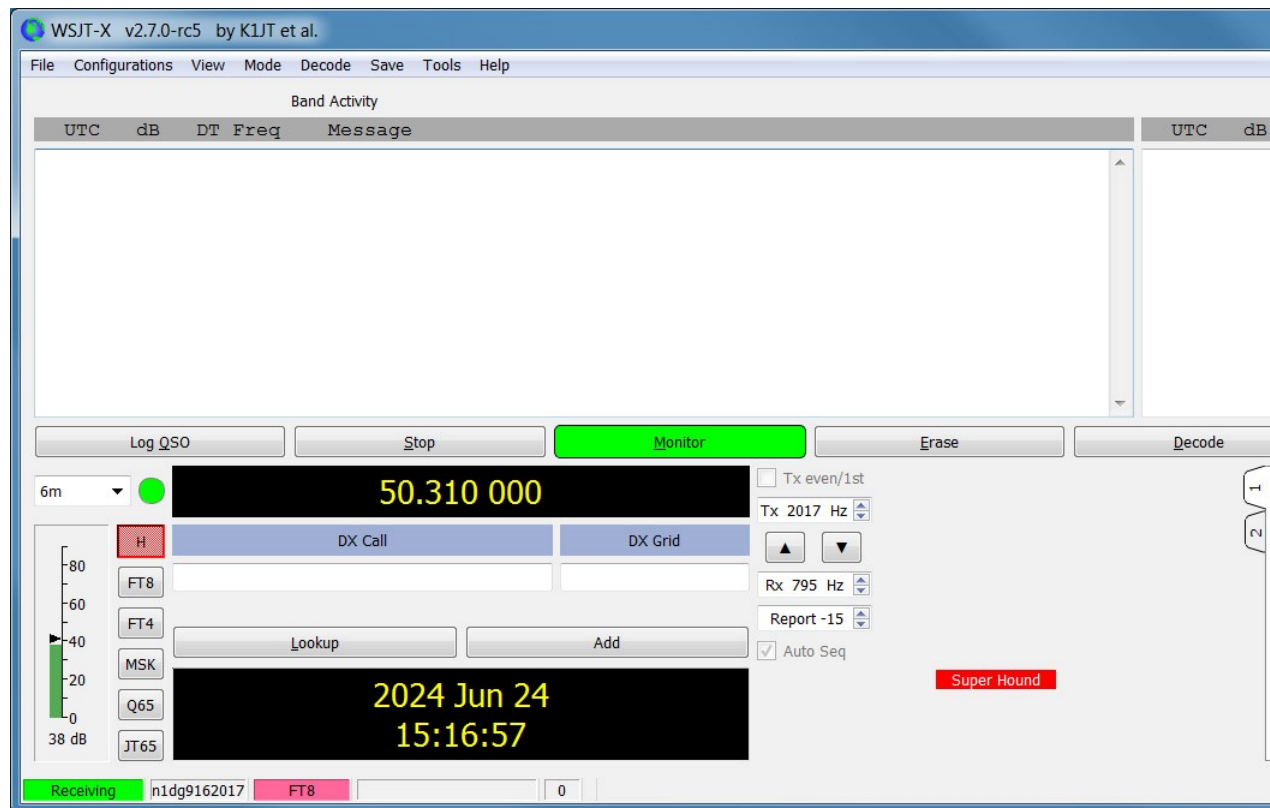
4. What software settings do I need to be a SuperFox or SuperHound?

For the SuperFox: In the Settings—Advanced tab of WSJT-X, select the Fox radio button, and check the SuperFox mode box. You also need to obtain a Key and fill in the Key field. (More detail on the Key field is below).

For the SuperHound: In the Settings—Advanced tab of WSJT-X, select the Hound radio button, and check the SuperFox mode box. No Key setting is needed.



In both cases a red SuperFox or SuperHound marker will be displayed in the lower center of the WSJT-X screen when the Settings window is closed.



5. Where will the SuperFox transmit?

Using a 1512 Hz bandwidth, the SuperFox will start at 750 Hz and go up to 2262 Hz.

6. Where should the SuperHound transmit?

The previous limitation of Hounds sending above 1000 Hz has been removed. A SuperHound may transmit anywhere from 200 Hz and up. Unlike the old-style Fox and Hound operation, the SuperHound's frequency is not shifted down after being called.

7. Do I need to change the rig Split operation settings for SuperFox or SuperHound modes?

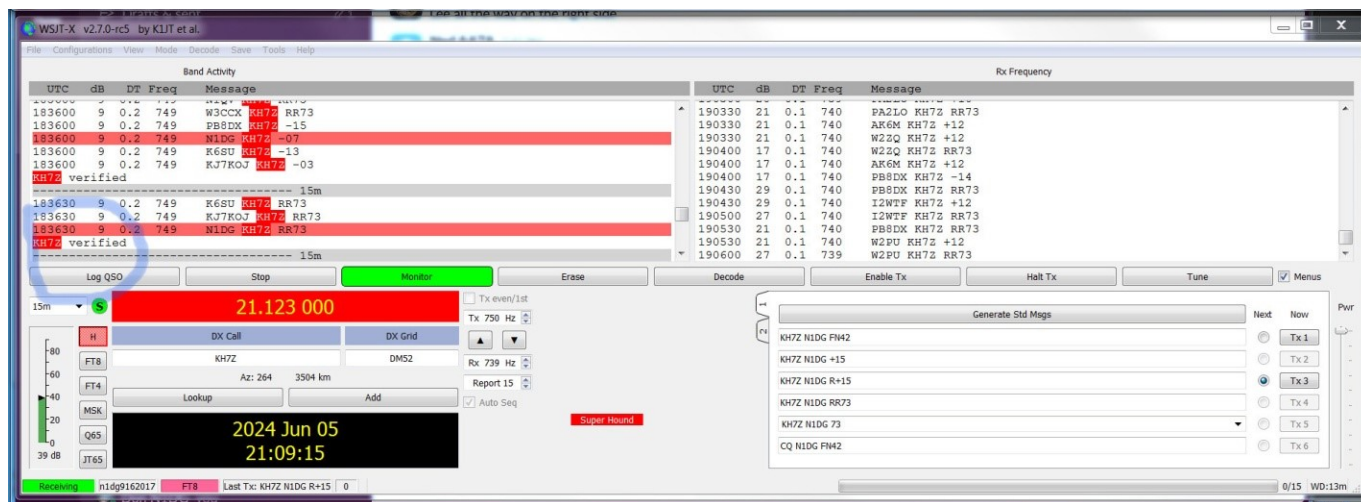
No, you can use the same Split settings as before. For Fox you may also use None, as no VFO shifting will be done.

8. Are there special SuperFox frequencies on each band?

This is up to each DXpedition to define. Expeditions should post their desired frequencies on web sites or live via a DX spotting network. SuperFox stations should never transmit on standard FT8 frequencies.

9. How will I know the SuperFox is not a pirate?

The SuperFox will transmit a digital signature which will be verified by the SuperHound when received. A displayed message will state the SuperFox's callsign has been verified. If no such message appears, the transmission is not verified.



10. Do I need special equipment to work a SuperFox?

No, your hardware will remain identical to your current usage. As stated in question #2, only your WSJT-X software needs to be upgraded.

11. How to I know the QSO is complete?

An RR73 message will be received as in previous versions of WSJT-X. If you did not receive RR73 after repeatedly sending your R+report, you can wait a few minutes and call again.

12. How do I know that the mode is SuperFox mode vs regular FT8?

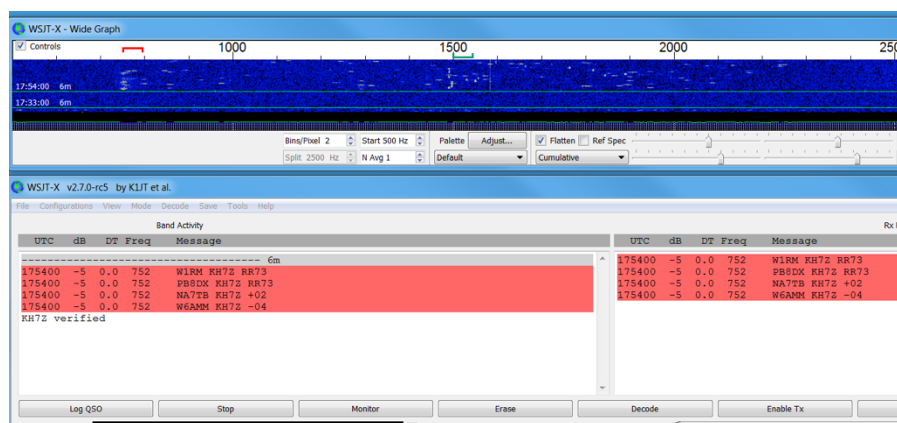
A normal FT8 signal is only 50 Hz wide; the SuperFox signal is 1512 Hz wide. The sequence of tones is markedly different and it is easy to tell that SuperFox is not a normal FT8 signal.

13. Do I keep calling on every odd cycle until the SuperFox comes back to me?

This is difficult to answer. A Hound or SuperHound has no way to know where you are in the Queue or if you are in the Queue at all. Generally, it is suggested to continue calling until a reply is received.

14. Is old-style Fox/Hound Mode still available?

Yes, there are now three major FT8 sub-modes in WSJT-X: Normal FT8, Fox/Hound and SuperFox/SuperHound.





JARVIS ISLAND DXPEDITION

N5J

Operating through August 20

Weather permitting

When the Dateline DX Association decided it was time to try another Jarvis DXpedition in 2021 we discovered the old Compatibility Determination had expired and therefore the USFWS needed to do another study as to whether or not Amateur Radio was compatible with the mission to protect the Jarvis NWR. Luckily after 2 years that determination was made that indeed, our activities were compatible. After additional months of negotiating what our DXpedition would look like, and in no small way how we could limit our impact on the Reserve, a decision was made to issue a Special Use Permit. The use of the RIB concept and our agreement to take 3 scientists with us to allow USFWS to conduct needed research on the Island were the factors making this possible. Our organization wishes to thank the management of the Pacific Remote Marine National Monument for their efforts in making this possible.

The budget for Jarvis Island 2024 exceeds \$485,000. Please contribute and help this happen. Each QSO will cost the group roughly \$5.00

Jarvis Island (formerly known as Bunker Island or Bunker's Shoal) is an uninhabited 4.5 km² (1.7 sq mi) coral island located in the South Pacific Ocean, about halfway between Hawaii and the Cook Islands. It is an unincorporated, unorganized territory of the United States, administered by the United States Fish and Wildlife Service of the United States Department of the Interior as part of the National Wildlife Refuge system. Unlike most coral atolls, the lagoon on Jarvis is wholly dry.

Jarvis is one of the Central Line Islands (Palmyra is one of the Northern Line Islands) and for statistical purposes is also grouped as one of the United States Minor Outlying Islands. Jarvis Island is the largest of three U.S. equatorial possessions, which include Baker Island and Howland Island. Jarvis, in addition to being part of a different Island group from Palmyra is also separated from Palmyra by the division of territory by a treaty between the US and Kiribati signed in 2013. It deserves it's own country status.

Jarvis Island was discovered in 1821 by Captain Brown on the British ship Eliza Francis. Alfred G. Benson and Charles H. Judd took formal possession of the island in 1857 in the name of the American Guano Company of New York. Later that year, Commander Charles Henry Davis of the USS St. Mary surveyed the island and formally claimed it for the United States. Jarvis Island was mined for guano in the late 1800s. Under the Guano Act of 1856, it became a U.S. possession. Jarvis was abandoned in 1879 after many tonnes of guano had been removed. The United Kingdom annexed the island in 1889, but did not further develop the mining operations. In 1906 it was leased to the Pacific Phosphate Company of London, but again mining was not further developed. The United States reoccupied and reclaimed Jarvis in 1935 and it was placed under the jurisdiction of the Department of the Interior on May 13, 1936 (Executive Order 7368). The new colonists were evacuated from the island in 1942 following attacks by Japanese forces, and the island has remained mostly uninhabited since then. In 1957-1958, Millersville, on the western side of the island, was occupied by scientists during the International Geophysical Year. Since June 1974, the island has been administered by the U.S. Department of the Interior Fish and Wildlife Service as part of the National Wildlife Refuge system.

The American Equatorial Islands Colonization Project was a plan initiated in 1935 by the United States Department of Commerce to place U.S. citizens on uninhabited Howland, Baker, and Jarvis Islands in the central Pacific Ocean so that weather stations and landing fields could be built for military and commercial use on air routes between Australia and California. Additionally, the U.S. government wanted to claim these remote islands to provide a check on eastern territorial expansion by Japan. The colonists, who became known as Hui Panalā'au, were primarily young Native Hawaiian men and other male students recruited from schools in Hawaii. In 1937, the project was expanded to include Canton and Enderbury the Phoenix Islands. The project ended in early 1942 when the colonists were rescued from the islands at the start of the War in the Pacific.

Band	CW	SSB	SuperFox
160m	1827.5 kHz	-	1836 kHz
80m	3527 kHz	3760 kHz	3567 kHz
60m *	-	-	5357 kHz
40m	7027 kHz	7082 kHz	7056 kHz
30m	10103 kHz	-	10131 kHz
20m	14027 kHz	14210 kHz	14091 kHz
17m	18079 kHz	18130 kHz	18095 kHz
15m	21027 kHz	21285 kHz	21091 kHz
12m	24897 kHz	24932 kHz	24911 kHz
10m	28027 kHz	28485 kHz	28091 kHz
6m	50105 kHz	-	50310 kHz

* Normal FT8 on 1500 Freq.

UPCOMING HAMFESTS

Circus City Swapfest HAMFEST/CONVENTION

08/24/2024
Start Date: 08/24/2024
End Date: 08/24/2024
Location: Badger Steam and Gas Engine Club Property
S3347 Sand Road
Baraboo, WI 53913
Website: <http://yellowthunder.org>
Sponsor: Yellow Thunder Amateur Radio Club
Type: ARRL Hamfest
Talk-In: 147.315 PL 123.0
Public Contact: Thomas Harrison , N9PQJ
E7983 East Lake Virginia Rd. Reedsburg, WI 53959
Phone: 608-415-5201
Email: n9pqj@charter.net

ORC Annual Regional Fall Swapfest HAMFEST/CONVENTION

09/07/2024
Start Date: 09/07/2024
End Date: 09/07/2024
Location: Firemans Park (Cedarburg, WI)
W65N796 on Washington Ave.
Cedarburg, WI 53012
Website: <http://www.OzaukeeRadioClub.org>
Sponsor: Ozaukee Radio Club (ORC)
Type: ARRL Hamfest
Talk-In: 146.97 PL 127
Public Contact: Tom Ruhlmann , W9IPR
465 Beechwood Drive Cedarburg, WI 53012
Phone: 262-377-6945
Email: teruhlmann@wi.rr.com

HRO Superfest HAMFEST/CONVENTION

09/20/2024
Start Date: 09/20/2024
End Date: 09/21/2024
Location: Ham Radio Outlet Milwaukee
5710 W. Good Hope Rd.
Milwaukee, WI 53201
Sponsor: Ham Radio Outlet
Type: ARRL Hamfest
Talk-In: 145.130 127.3 pl
Public Contact: Tom Pachner , W9TJP
5710 W. Good Hope Rd. Milwaukee, WI 53223
Phone: 414-358-0333
Email: w9tjp@hamradio.com

Hidden Valleys Amateur Radio Club 1st Annual Hamfest HAMFEST/CONVENTION

10/19/2024
Start Date: 10/19/2024
End Date: 10/19/2024
Location: Grant County Fair Grounds Youth and Ag Building
916 East Elm Street (county road A)
Lancaster, WI 53813
Sponsor: Hidden Valleys Amateur Radio Club
Type: ARRL Hamfest
Talk-In: 146.52 / simplex
Public Contact: Alvin Bontreger , KC9MCC
8123 County Road U P.O. Box 100 Beetown, WI 53802
Phone: 608-732-2660
Email: HVARChamfest@gmail.com

Wisconsin ARES/RACES Conference 2024, ARRL Wisconsin State Convention HAMFEST/CONVENTION

11/02/2024
Start Date: 11/02/2024
End Date: 11/02/2024
Location: McMillan Memorial Library
490 E. Grand Ave.
Wisconsin Rapids, WI 54494
Website: <https://wi-arrl.org/>
Sponsor: WeComm Ltd
Type: ARRL Convention
Talk-In: 146.670 - PL 114.8
Public Contact: Kyle Schaefer , KC9SDK
113 Falcon Crest Black Earth, WI 53515
Phone: (920) 279-4249
Email: sec4wi@gmail.com

**SUPPORT
YOUR LOCAL
HAM RADIO CLUB!**

**JOIN TODAY:
APPLICATION IS ON
THE LAST PAGE
OF THE
NEWSLETTER**

HAM RADIO LICENSE TESTING DATES

If you are looking to get your ham radio license or upgrade your current license, here is the info you need.
Tests can be taken In Person or Virtually via Zoom in the comfort of your home. The choice is yours!

Upcoming nearby In Person exams:

Baraboo WI 53913

EXAM SESSION

08/24/2024

Sponsor: Yellow Thunder ARC

Date: Aug 24 2024

Time: 10:00 AM (Walk-ins allowed)

Contact: Ed Wagner

(608) 235-8545

Email: ab9fn@hushmail.com

VEC: ARRL/VEC

Location: Badger Steam & Gas Engine Property

E3347 Sand Rd

Must have FRN

Baraboo WI 53913

La Crosse WI 54601-7949

EXAM SESSION

09/07/2024

Sponsor: Riverland ARC

Date: Sep 07 2024

Time: 9:00 AM (No Walk-ins / Register or Call ahead)

Contact: Roger C. Reader

(608) 783-0723

Email: rcnjr1229@gmail.com

VEC: ARRL/VEC

Location: Church of Christ

3506 28th St S

Register 5 days in advance

La Crosse WI 54601-7949

Madison WI 53715-2143

EXAM SESSION

09/07/2024

Sponsor: Four Lakes ARC

Date: Sep 07 2024

Time: 8:00 AM (Walk-ins allowed)

Contact: Frederick Baguhn

(608) 437-8937

Email: w9goc@arrl.net

VEC: ARRL/VEC

Location: Univ of WI Space Place

2300 S Park Street

Villager Mall Lower Level

Must have FRN at time of exam.

Madison WI 53715-2143

Website: www.w9jz.org/exam/

Menasha WI 54952-1228

EXAM SESSION

09/14/2024

Sponsor: Fox Cities ARC

Date: Sep 14 2024

Time: 8:00 AM (Walk-ins allowed)

Contact: Richard R. Kosiorek

(920) 809-1010

Email: wj9k.mail@gmail.com

VEC: ARRL/VEC

Location: Maplewood Middle School

Door 17 Community Rm

1600 Midway Rd

Menasha WI 54952-1228

Website: <https://fcarc.club/node/2>

Plymouth WI 53073-2032

EXAM SESSION

09/17/2024

Sponsor: Sheboygan Cty WI VE Team

Date: Sep 17 2024

Time: 7:00 PM (No Walk-ins / Register or Call ahead)

Contact: Art Pahr

(920) 892-8887

Email: k9xj@arrl.net

VEC: ARRL/VEC

Location: Salem United Church of Christ (Enter from East parking lot, off Kensington Ave)

217 Salem Dr (Handicap Accessible)

Please put "VE Exam" in the email subject line

Plymouth WI 53073-2032

UPCOMING VIRTUAL EXAMS:

Brad, KA9JDE, is a member of the AA7HW Volunteer Examiner Team under the W5YI VEC. With over 40 Volunteer Examiners on the team, we offer virtual testing via Zoom. The cost of the exam is \$14. For more info or to schedule an exam, go to aa7hw.org.

Testing is done virtually via Zoom usually Monday-Thursday at 4pm and Friday at 8:30pm. To schedule your exam session, go to: aa7hw.org

Also feel free to contact Brad KA9JDE with any questions at ka9jde@gmail.com.





AA7HW^{VE}Team

Yes, you CAN take your License Exam Online using Zoom

from the comfort of your own home or office

Our team of Volunteer Examiners has administered nearly 2000 friendly, efficient online amateur radio license exams since May 2020

- We offer online exams most weekdays.
- We can often schedule exams at other times if our existing schedule does not meet your needs.
- New license or upgrades.
- Take multiple exams for the same low price.
- Friendly and efficient.
- You can generally have your license two days after passing your exam.
- Our Portland-based team is a 501(c)(3) non-profit organization.



<https://www.aa7hw.org>

Herb Weiner, AA7HW
herbw@wiskit.com
(503) 771-1400

Local contact:
Brad Gehrt, KA9JDE
W5YI Volunteer Examiner
ka9jde@gmail.com
(920) 210-1620

RRRC Weekly Nets

Monday A.R.E.S. Net 7:30 PM

RRRC 2-Meter Repeater 146.64 MHz

Net Control Stations

August 19, 2024 **Peter - KD9UVX /**
 Cameron KD9VGV

August 26, 2024 **Ted - W9LUQ**

September 2, 2024 **Ryan - KB9OWD**

September 9, 2024 **Gary - KA9BAE**

September 16, 2024 **Jeff - KB9UNY**

Repeater Backup 147.585 MHz Simplex

160-Meter HF Net Wednesday 7:00 PM

1.908 MHz Lower Side Band

(1.920 MHz backup frequency)

**70-Centimeter Net RRRC Knowles
Repeater 442.975**

Thursdays at 7:30 PM

75-Meter HF Net Saturday 10:00 AM

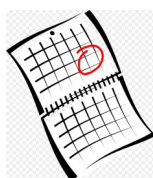
7.278 MHz Lower Side Band

Alternate Frequency 3.947 MHz

Calendar 2024

**RRRC MEETING and program on Amateur
TV—Tuesday, September 3rd at 7 PM**

**FOX HUNT—Sunday, September
8th with details to come.**



RRRC Repeaters

2-Meter Located in Juneau, WI

146.640 MHz Output

146.040 MHz Input

(Duplex, Standard Negative Offset)

123.0 Hz PL Tone

70-Centimeter Located in Knowles, WI

442.975 MHz Output

447.975 MHz Input

(Duplex, Standard Positive Offset)

123.0 Hz PL Tone

Standard FM and

Yaesu System Fusion (C4FM) Capable

Rock River Radio Club Mailing Addresses

Club Dues / Bills / Club Business

R.R.R.C.

P.O. Box 26

Juneau, WI 53039-0026

Newsletter Related Items:

Raymond Teschke

617 Mohawk Cir.

Horicon, WI 53032

rkteschke@att.net

Website: www.rrrc.net

Webmaster: Ray (Lucky) Lasanske K9LUK

k9luk@sbcglobal.net

Annual Membership Dues
Rock River Radio Club of Wisconsin
PO Box 26, Juneau WI 53039-0026



Last Name: _____

First Name(s): _____

Call(s): _____

Phone: _____

Address: _____

City: _____

Email: _____

ARRL: YES NO

State: _____ Zip: _____

Description	\$ Each	Quantity	Total
RRRC 2024 Membership - Family	\$25.00		
RRRC 2024 Membership - Individual Regular	\$20.00		
RRRC 2024 Membership - Individual Associate	\$10.00		
RRRC Badge	\$10.00		
A.R.E.S. Communication Trailer Fund Contribution			
GRAND TOTAL:			

Send to:

Dave DePover
Attn: RRRC treasurer
W7657 Stone Rd.
Juneau, WI 53039