

Lakeshore Repeater Association, Inc.

#### KR9RK.ORG / KR9RK.COM

Newsletter November 1, 2023

## 118 members strong!

It's not too early to think about renewing your membership for 2024. **Most annual** memberships expire on December 31. We're working hard to build a renewal notification system but it is not likely to be in place until after the first of the year. Your only indication of your lapsed membership status may be that you won't get the newsletter that will go out on January 1.

Best to renew now at KR9RK.COM.

#### Welcome to our newest members:

Michael Reisner - **KM6RRS** joined on 10/4/2023 Craig Talley - **KD9UQE** joined on 10/5/2023 John Rusfeldt - **AC9OT** joined on 10/6/2023

**Bernie, N9AZA** came up with some club Bling in the form of **LRA customized jackets,** including your name and call sign! Contact Bernie ASAP as delivery is in 2 weeks: **LRA Jacket Order form** 

Be the cool one at the LRA events and order today!

#### From the board



Contact the board members via email at Board@KR9RK.COM

VP and Secretary officer positions were elected at the October general membership meeting. Fred, K9SO and Matt, AF9Q were elected for two year terms.

Recall that **Dave**, **NP2I** is stepping down from the Treasurer's position after many years of service but he has graciously extended his duties until after the January Quarterly membership meeting. An election for the remainder of his term expiring in October, 2024 will be held at the January 30, 2024 quarterly membership meeting.

The MIA committee has accumulated significant evidence regarding the interferences and annoyances heard on our repeaters over the past year. The committee's report was submitted to the LRA leadership earlier in October. The report has been forwarded to the Discipline Committee for action. A board statement was read into the record at the October 31 membership meeting and is appended to this newsletter at the end.

### Website Updates:

Thanks to the efforts of our Secretary, **Matt, AF9Q**, the LRA website has undergone an update, now featuring a designated space for club members. To access this section, club members can log in by visiting the KR9RK.com website and clicking on the "Login" link located within the "Club members" section on the left side. Once on the login page, simply scroll down to find the "Forgot your password?" link, where you can input the email address you used during the registration process. This will trigger the sending of a password reset link to your email address. We are actively working on enhancing the content and making updates to both the public and members areas, so we encourage you to check back regularly for the latest developments.

## Volunteering



#### Calling Volunteers: Website & FB Wizards Wanted!

Step up, tech enthusiasts! We're seeking volunteers to turbocharge our club's online game. Your mission: jazz up our website, sprinkle stardust on our Facebook page.

Ready to rock the digital realm? \*\* Contact Matt - AF9Q at: secretary@kr9rk.com. Let's own the web, together!

Volunteers are still NEEDED for these KR9RK Activities: LRA Treasurer, Teaching and Tacos sessions, Taste of Field Day

## **Repeater News**

We now have 4 repeaters linked to our fabulous LRA machines during the Happy hour with the addition of the MAARS group in Milwaukee <u>513 Repeater Org</u>. Also, the Elkhorn repeater group, LAARC, discussed linking their VHF repeater (146.865) as well at their last club meeting. They are in the process of moving their repeater site and are not sure if they will have an Internet connection available to them.

Work on the proposed Walworth receive site for the 442 repeater is still in progress and a prototype is heard on the air occasionally as tests are run. **Kevin, N9OIG,** is donating the equipment that will be needed for this addition to the club.

## **Repeater Bombs:**

On the evenings of October 7 and 14th, the LRA repeaters were attacked by an unknown perpetrator who threw "repeater bombs" out the car window near the base of the main site tower. These were radios wired to continuously transmit just to disrupt the HH. Thanks to members of the MIA committee whose skills have been honed by tracking down the "mad kerchunker", the disruptions were minimal and the offending transmitter was found within 10 minutes and disabled. Thanks to N9OIG, N9SEB, and N9PYA for their quick action. We now have two of these radios in our possession.

For fun, we will be holding a raffle for these two working radios at the Christmas party as a club fundraiser. Our antagonist is performing a fundraising service to the LRA!

Anyone with any information about these incidents please contact one of the MIA members:



### LRA Franksville site, KR9RK

Here's a couple of cool pictures of our Franksville 2m receive site (one of 3 RX sites) at the WE Energies maintenance center. This has a UHF link into our 2m voting system at the main site. There is a solar panel up 66' on the 77' tall telephone pole "tower" and this site's load has been carefully balanced. It is completely "carbon free".

Since the shed is unheated, there is a very unique homebrew heating system that keeps the batteries warm at a constant temperature (70 degrees). A very clever "no moving parts" design. This heat is provided by a single pilot light fueled by a propane tank. The battery is encased in an insulated container. Once a year we have to replace that propane tank.

This unique battery warmer was designed and installed nearly 9 years ago by **Gene**, **WB9ZKY**. It's still running perfectly today. Here are two views taken during testing in Gene's garage:





Here it is installed in the equipment shed much as it appears to this day.



Gene also installed a solar power system and carefully designed it to meet all the power needs at the site. In 2014, he moved the panel up to 66' on the 77' antenna pole to clear some growing trees. That, too, is still working after all these years.



A lot of work went into this and other sites and was done predominantly by **Gene**, **WB9ZKY**, when he served as our Technical Director. In recognition of all the work he did and the many years of selfless service he provided, he and his wife **Bonnie**, **WB9ZKX**, were given lifetime memberships in LRA. While they're seldom heard on the repeaters any more, Gene and Bonnie still make it to all of our LRA foxhunts and you can usually meet them every Saturday morning at the Meadows Restaurant.

Next Month: We'll share some of the history and photos of our **Union Grove** receiver site.

## Quarterly Membership Meeting January 30, 2024

Our next quarterly open membership meeting will be held at the Police station in Sturtevant, Wi as usual. Doors will open at 6:30pm and the meeting will start at 7:00pm sharp. This is an important officer election meeting as our new Treasurer will be elected. New members must wait 30 days after their application in order to vote. Members must be physically present to vote per the bylaws.



Will we have a quorum?

# **Taco/Tech Dinner Training Sessions**

No, we won't be teaching you how to cook, but we are planning multiple afternoon / evening technical training sessions followed by a Taco dinner starting with January's NOAA/SULCOM talk on **Monday evening**, **January 15**. A representative from the National Weather Service will present details on the spotter program. You won't want to miss this one that starts promptly at 7:00pm at the Sturtevant Police Station. The Taco/Tech talks will include various subjects with discussion groups led by one or more of our many subject matter experts in the club and guests. Stay tuned for more details.



# **LRA Member Activities:**

#### **Foxhunts**





Check out the Fox Hunting article in ON THE AIR magazine

Saturday, November 11 is our next LRA foxhunt. In addition to being a training ground for our MIA committee, this is a lot of fun. Keep in touch and follow the action at KR9RK.ORG. Better still, JOIN US! We really need greater participation for this to continue as it is a lot of work for the organizers. Last month only one hunt team participated. Contact Matt, AF9Q for details.

Check out the results and the current leaderboard at LRA Transmitter Hunts

Matt set up a new Fox Hunt Group on Groups.IO https://groups.io/g/LRAFoxHunt/topics Contact Matt to get set up.



**Bernie, N9AZA**, is our SKYWARN coordinator for the LRA. The winter months are a great time to get your certifications. Be sure to pay attention to his announcements and participate in the NOAA spotting networks next Spring hosted on our wide area coverage repeater network.

October was quiet as the season came to an end.

You won't want to miss the first Taco/Tech talk on January 15 (7:00pm at the Sturtevant Police station). The meeting should last 90 minutes and he would like to start at 1900 hrs.. All amateur radio operators are encouraged to attend!

Check out the National Weather Service's weather spotter site HERE

#### How do I get involved?

Free SKYWARN® spotter training is <u>available online</u> through the MetEd COMET Program. Please note that there is a checkbox to tick after enrolling in the course. That will ensure the NWS receives notice that you have completed the training.

## Happy Hour, LRA Style









This is a fun, largely unstructured but moderated "Un-Net" where the moderator writes the often crazy rules. Check in **every day** after work with your call sign and share your happy thoughts. This group meets daily on both the 442 and 147 Allstar linked repeaters at 5:00pm sharp and lasts for an hour. Be prepared to share your happy thoughts for the day. It is moderated regularly by **K9SO**, **K9WBT**, **and KD1Z**. Sundays are now moderated by our newest regular, **Rick**, **KC9UJO**. Fridays feature our "surprise" guest moderators, who have taken it from Billings, Montana and even Poland and France!. **Dwayne**, **N9PYA** has been a Friday "regular guest moderator" for the past several weeks. Join us every afternoon at 5:00pm and tell us what made you happy today.

The beautiful FAT SQUIRREL certificate, courtesy of **Dave, NP2I**, is awarded for 100 HH check-ins and there are nearly 60 of them decorating hamshack walls today.

Happy Hour continues to grow in popularity and your support continues to draw in new LRA members. We welcomed another wide area repeater (MAARS club in Milwaukee) last month. They automatically link to our 442MHz machine every day. North siders can access HH now on 145.130MHz (split down 600KHz, CTCSS 127.3). Since they've joined, we've had multiple 40+ check-in nights. Lots of Happy Thoughts from MAARS members will make your day.

Don't forget you can still also access the HH net via **WB9COW/R** (442.850MHz) in **Burlington**, both of the LRA repeaters, and of course ALLSTAR. We look forward to the LAARC group in Elkhorn to join up soon.

Congratulations to the latest HH Century Club certificate winners, **Nathan KC9HYY**, **Brian KD9KHV**, **Jim KD9VXC**, **Scott KD9WFS**, **Brad N9BJB**, and **Gary N9MGH**. We had just under 1000 check-ins again in September, and 355 hams have checked in 23000+ times since recorded history began in December of 2020. Still going strong after all these years. + Enjoy our afternoon "QRB" time at 5:30pm local time during the happy hour with your favorite "807" at 1/2 price.

## **Important LRA Dates:**

## **December 10: LRA Christmas Party**

HO HO! It is time to make your reservations for the annual LRA Christmas party. This is the most joyous, family friendly, LRA event of the year! Don't miss it. The Party will be on December 10<sup>th</sup> once again at

Tailgaters Bar & Grill.

7641 Hwy 38

Beautiful Caledonia, WI 53108

The party will start at 5:00 with an hour of socializing and getting to know those who may only be a "voice in the box" up 'till now. The cash bar will be available to anyone of legal drinking age. Sorry Ryan.

The buffet dinner will be served at 6:00. The menu will be the same as the one we all raved about last year:

Sam's fantastic roast beef (you have never tasted better)

Tailgater's amazing fried chicken (kept disappearing and was constantly re-stocked)

Sides of mashed potatoes and coleslaw. a fruit tray and bread and butter.

After dinner Dwayne will, probably, give a speech or two and THEN......

Heather (WD9DHM) will MC the high point of the evening:

#### THE LRA ANNUAL CHRISTMAS GIFT EXCHANGE

All attending members and guests are urged (but not required) to participate in this fun event. Bring a wrapped gift to exchange with the other attendees at the party. It need not be expensive. It can even be goofy. The only requirement is that the package be wrapped and clearly marked to indicate that it would appeal most to an OM or to a YL. Don't be a grinch. If you didn't bring one don't take one!

When Danni & I went to finalize the arrangements for the party I was sure that the price would have to increase because the prices for everything else (especially food) have gone up so

dramatically over the year. However, Kim (co-owner of Tailgaters) agreed to keep the cost the same as last year. I consider Tailgaters to be supporters of LRA!

The cost of a ticket will remain at \$25.00 per person this year.

This can be paid through PayPal or by sending a check to the LRA Post Office box.

Please don't delay. The seasons will fly by and the party will be here before you know it!

If you have questions check with:

Dave (NP2I), Pete (K9PJC), or Heather (WD9DHM)

#### ARES/RACES AND LRA PUBLIC SERVICE NET.





Join us every third Wednesday of the month at 7:30pm on our 2 meter repeater for an ARES/RACES net followed by public service announcements. Please visit <u>ARES/RACES</u> website for more information on how to become involved and serve the community.

## **Saturday Breakfast**



Many of our members meet for an informal breakfast every Saturday morning at 8:00am at the Meadows Restaurant in Franksville. Everyone is welcome.



## Winlink Wednesday



**Bruce, K9WBT,** has been leading a local Winlink Wednesday Radio Email activity. There has been growing participation. Catch Bruce on the air or anyone on the daily Happy Hour Un-Net. What's it all about? Check out Winlink here Winlink. Last week's check-ins included those below. I am able to join when I'm in NC via HF, too! This week's check-ins were asked to fill out a requisition form for needed supplies. Some interesting answers:

WI9ARC, Steve, welcome aboard. I hope you received your six pack of Miller Genuine Draft. KD1Z, Bill needs 55 gallon drum of antifreeze, polypropylene. That's a lot!! Is this for boat storage? KC9HYY didn't really need anything. :)

N9UUO, Coors Light

AB1Z is still in need of a 50A 6.5KW+ single phase generator.

K9MWG, as I expected, in need of some Saphire Gin.

N9SEB, Mega Millions tickets.

WX9EMS, Miller Lite.

W9LOL, would like plenty of nice weather.

K9WNG, 1500W HF Amplifier.

K9WBT, I'm content.

## **Happy Hour Email Group on Groups.IO**



We have a happy hour email reflector on Groups.IO now. Over a hundred posts last month. Join in the conversation by clicking here now! You won't get spammed as you can opt to receive only one summary email per day. Get an invite here:

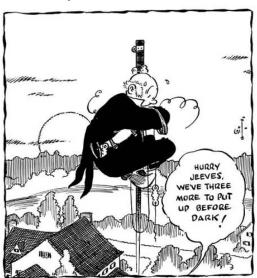
**LRA Happy Hour Net** 

## What are our members up to now?

Last month I asked the members to send me some pictures of their October **antenna projects** and I got a great response. Here they are:

You may have noticed that **John, KD9PLL** has a much stronger signal into the LRA repeaters now with his new dual band vertical antenna he just installed:





Autumn is evidently here and **Rick, KC9UJO**, got serious and installed his tower base in the nick of time. Good to see my old rotor installed. Unfortunately, his 3 element HF beam is on back order due to an aluminum tubing shortage. He may have to wait until next Spring to enjoy this:









**Dan, WX9EMS**, sent me this shot of his new dual band J-pole antenna and a "better late than never" shot of his new hamshack:

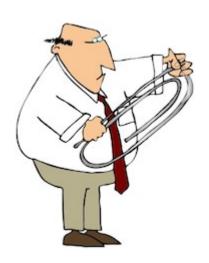




Dan also has big plans for a second tower at the other end of the house for a great dipole support.

... and of course our favorite sailboat captain **Bill, KD1Z**, uses a "landlocked" sailboat mast for his antennas:





Build your own!

Earlier in the month, **Brad, N9BJB,** installed his new MFJ-1795 that will cover 40/20/15/10m. See you on HF soon, Brad!



**Mike, WW9X**, obviously couldn't take a picture of the entire 66 foot long end fed antenna he installed, but here's the "business end":



**Kevin, N9OIG** put up a new dual band gain antenna on his tower replacing one that failed years ago. Here, **John**, **AC9OT**, is taking down the old one. Kevin is dominating us all claiming the #2 spot on HH every day now. Something must be done to stop this man!



Incidentally, Kevin took some time off last week and sent back this photo of Las Vegas' newest building





Don't hang out here:

We dumped a lot of concrete into my tower bases here at Q-SO Qorners:



**Art, W9GU**, (aka "Grumpy Uncle" and the LRA 6m king) put up a new 160m inverted L (on the right) to complement his aluminum overcast. He's at 99 digital countries on 160m now! He has **9 elements** on 6m on a 50' boom dwarfing a SteppIR DB18e mounted below it. He had a lot of trouble with the SteppIR, but it's finally working now! 10BDXCC Digital coming soon!





First Date:

#### Other stuff:

**Ryan, K9NBG** spotted this unusual APRS signal the other day. Anyone know the source?



**SSTV**: I also asked Ryan for information on how he receives SSTV signals from the ISS. This is what he posted on the HH forum:

The simplest way to decode these is using the Robot36 app on Android or iPhone/iPad Simply tune a radio to 145.800 and wait for the music then put your device near your speaker and you will see line by line images drawn. I believe it's 2 minutes on and 2 minutes off.

I attached a terrible websdr recording from a station in Georgia I have in my favorites of the pass that just happened if you want to play around with it.

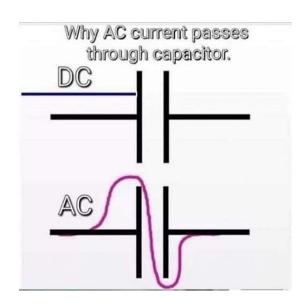
What I have done in the past is recorded the broadcast from my Kenwood TH-D74 while watching the decode on my phone to adjust my antenna position for clarity, then plugged the radio into my laptop and played back the recording to have it decode for a much cleaner image.

I have decoded SSTV from ISS just my handheld and 19" whip, driving 65mph on the highway from my mobile radio, using an Arrow II, using a homemade ground plane antenna on a cardboard stick, and using an old TV antenna I converted into a 5 element 2m antenna. This is a lot of fun and in the past I had created a photoshop template with drop in layers so you can put your received images. There are also lots of digital certs you can get from various world wide clubs.

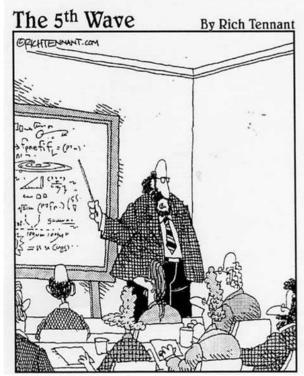
Android - https://play.google.com/store/apps/details?id=xdsopl.robot36 iPhone - https://apps.apple.com/us/app/sstv-slow-scan-tv/id387910013

# **Physics Corner:**

I now know how capacitors can pass AC current and not DC:



And the discovery of a new type of matter was just announced: "Doesn't Matter"



"After the discovery of 'antimatter' and 'dark matter', we have just confirmed the existence of 'doesn't matter', which does not have any influence on the Universe whatsoever."

**Randy, N9LTA,** created this Ham Radio word search puzzle (answer next month): Follow this link for a .pdf version suitable for printing: <a href="Ham Radio Word Search">Ham Radio Word Search</a>

#### Ham Radio Randy N9LTA

emecpowergceofoartnhd fleifkcahsozzpkrowten o u e f e n o a r t a r m o e o n u l a b rtsrnontprrsplatterae eeieordroaecnatcudnim tadvhtutekcitryehdrog ineipccret figrwyenn mtbeeetihrettzeiirsoe i e a c t l o a m o o m m a d d g c i s n Innekeroppncotnomaspo wndrimbrvoelhi acssthh oamhoaeoistdtotyecoep cetntxlt lpeuancnIhrro ttitetacthtransceiver dcelmleeeetpeicrctnrc s r p e u e g l g r e u t p t e t r o e i yutdtatfmeqiyzmeiqepm deohtgne ravoime levawc rmclcser riremissionue groundiftransmitteril i vmaydaysaherhamytent

Ampere Antenna Autopatch Balun Bandwidth Battery Capacitance Conductor Core Detector Director Duplexer Electron Elmer Emission Filter Frequency Fuse Giga Ground Harmonics Hertz **Impedance** Inductance Ionosphere Jumper Limiter **MAYDAY** Microphone Modulation Network Offset Ohm Phone Polarization Potentiometer Power Receiver Reflector Resistor Rig Selectivity Sensitivity Shack Sideband Splatter Transceiver Troposphere Wattmeter Wavelength Voltage Voltmeter Ticket Transmitter

## Jerry's Kids:

**Jerry, N0IMJ,** Elmers his 8th grade students at the Lutheran School in setting up a radio club. They get on the LRA repeaters **every Friday afternoon between 2:30-3:00pm** 

#### **Did You Know?**

- **That** twenty-nine frequency bands throughout the spectrum are allocated to the Ham Radio service internationally?
- That according to the FCC, some 1,300 digital, analog, pulse, and spread-spectrum emission types may be transmitted. How many have you tried?
- That an ELMER in Ham Radio Lingo means someone who has taken another Ham under his wings and showed him the ropes? Similar to mentoring, but often a much deeper and closer relationship.
- That the LRA has a complete turnkey 2m repeater setup including installed antennas ready to go at another location? Details next month.
- That Art Collins, W0CXX (SK), founder of Collins Radio Company and Bill Halligan, W9AC (SK), founder of Hallicrafters Communications Company both first became Hams at the age of 14 years?





ART COLLINS, WØCXX Collins Radio Company



(**6**) hallicrafters

# **Contesting Corner**





### The big ones are coming in November: don't miss out!

I consider this one to be the toughest of them all. It separates the men from the boys: the **ARRL November CW Sweepstakes** starts on November 4. What makes it so tough? The exchange is slow and intricate. Check out the Contest Calendar link below.

The biggest DX CW contest of the year starts the weekend after Thanksgiving this month. **CQWW CW** begins 0000z Saturday, November 25.

Somewhat easier, but still tough sledding is the **SSB version of the ARRL November Sweepstakes** starting on November 18.

The **ARRL 160m CW contest** begins December 1.

**What's with that?** Ever come across a contest operation on the air and wonder what's going on? What's the exchange? Check out the complete Contest Calendar **HERE** and get all the details on almost everything in Ham Radio contesting.

Overheard lament at the Radio Bar: "I feel like a Fahnestock clip in an SDR world"

#### **ARRL Publications:**

In QST this month: HAM RADIO IN THE METAVERSE

The ARRL periodical *QST* is the main amateur radio magazine and the League represents our only political voice. You may notice the long history of our losing frequencies over the years. Support our remaining allocations by joining the League <u>HERE</u>. I'm a Life Member myself. You get digital access to all four periodicals with ARRL membership.



**DX News:** The HF bands have been HOT! Check out this link to DX operations planned for November: <u>DXNow</u>

PS0F has been active from **Fernando de Noronha** islands:





Remember to coat your antennas soon:

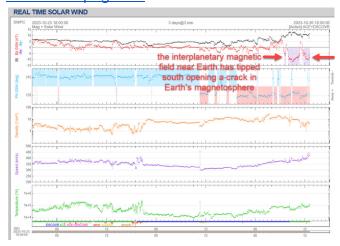
Don't miss E6AJ on Niue Is. starting Nov 3. How do you pronounce that? NEE-OOO-AY

#### A Glitch in the Matrix!

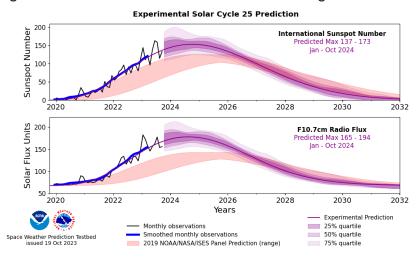
On October 26, a massive crack in Earth's magnetic field appeared due to solar activity. This caused a very impressive aurora that was unfortunately not seen here in Wisconsin due to cloud cover. I was on **15m CW** in the afternoon when this happened and I was chasing a Pakistani station short path over the pole, antenna to the north. I noticed all the domestic CW signals had that distinctive auroral "hash" sound instead of a pure tone. They were being reflected off the aurora at frequencies as low as 20 MHz! Very rare.

UHF and VHF CW ops use aurora to get some great DX. There's even a question in the FCC's Extra class exam pool about this mode. Here's a good summary of auroral propagation:

#### **Aurora Propagation**



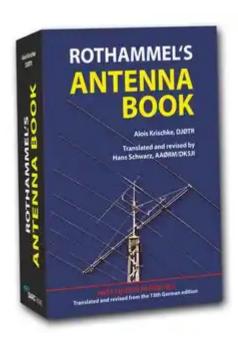
**NOAA just updated their prediction for cycle 25** and the peak is now expected **much earlier** than before but also much higher. The solar maximum may be as early as next Spring. It'll be a nice slow ride down the hill through 2026 however:



## Stuff You Need (?) Department:

Michael, KB9YXB, is happy with his new handheld oscilloscope on the left below:





Above right: Just translated into English from the original German, the DARC Antenna book has 1600 pages! Just 59 Euros but backordered 2 months already. Thanks to **Craig, KD9UQE** for bringing this to my attention.

Remember, you can't be immortalized in the LRA Newsletter and get your 15 minutes of fame if you don't send me pictures of your activities. We had a bunch of takers this month ... keep them coming. Send them to me at <a href="VP@KR9RK.COM">VP@KR9RK.COM</a> or better still, post them on the HH forum and I'll pick them up from there.

### <u>December will be LRA members **ELMER STORY** month.</u>

Who helped you the most when you were a new ham or who gave you that extra push to become a ham in the first place? Give your very own ELMER a place in history and write a paragraph or two on his behalf.

#### Last Month's antenna puzzle:

Did you find all 9 antennas in the Q-SO Qorners photo from last month? There are 3 on the big tower (SteppIR DB-18E, Create 50MHz-3GHz log periodic beam, and a Hustler dual band vertical on top). Seen to the left is the full sized ¼ wave 80m vertical. The short tower supports my Az/El satellite tracking array (two 8-element beams). On the tripod are the two "eggbeater" satellite antennas... and here's the hard one: at the base of the tripod you can barely see the tip of another Hustler dual band vertical I use as backup. OK, that's finky but you have to look sharp to be an antenna spotter.



73, Fred, K9SO VP, Lakeshore Repeater Association, Inc. (maybe)

**ADDENDA: HAMFESTS** 

#### **Friendly Fest**

#### **HAMFEST/CONVENTION**

11/04/2023

Start Date: 11/04/2023 End Date: 11/04/2023 Location: Elks Club 5555 W. Good Hope Rd. Milwaukee , WI 53201

Website: http://MRC91.org

**Sponsor: Milwaukee Repeater Club** 

**Type: ARRL Hamfest** 

Talk-In: 146.910 127.3 pl. -offset

Public Contact: Karen Burris, KC9WQJ

414 E. Juneau Ave. 102 Milwaukee, WI 53202

Phone: 414-578-0492

Email: kc9wqj@gmail.com

#### **Nearing the Dayton Hamvention in size:**

## HamCation 2024

Come to one of the world's largest hamfest, where we pride ourselves on delivering a high-quality event to our attendees. Join us February 9-11, 2024 in beautiful Orlando, Florida for HamCation 2024.

November 4, 2023 – ARES Conference / Wisconsin Section Convention Location: Wisconsin Rapids, WI Sponsor: ARRL Wisconsin Section - ARES Website: https://wi-arrl.org/events/

November 18-19, 2023 – Central Division Convention Location: Fort Wayne, IN Sponsor: Allen County Amateur Radio Technical Society Website: http://www.fortwaynehamfest.com

## Notice to LRA Members (Read into the meeting minutes on 10/31/2023)

As most members know, the LRA repeaters have been the target of repeated harassment, intentional interference, and annoyances such as long duration kerchunking of the repeaters for the past 10 months. These signals are unidentified and in violation of parts 97.101(d) & 97.119(a) of the FCC rules.

As the interference continued, LRA leadership took action and created a committee led by Steven Brown, N9SEB, that was tasked with locating and identifying the individual or individuals responsible for the interference. Steve appointed 7 additional LRA members to serve on this committee.

Earlier this month, that committee presented a report of its findings to the LRA leadership. That report was also forwarded to the standing LRA disciplinary committee as defined in our bylaws.

The report appears to include clear and convincing evidence of no less than 5 eyewitnessed and recorded incidents. Signals were unambiguously identified as originating from the home and/or from vehicles owned by one individual. This person is a current member of the LRA. Since these are serious charges, we have retained an attorney who is advising us.

After reviewing the evidence, the board has filed an official complaint and has had several meetings with representatives of the ARRL. The evidence detailed in the committee report has been reviewed by them. The ARRL is tasked with initiating enforcement proceedings of the Federal Communications Commission regarding Amateur Radio matters.

In parallel with that legal path and since the individual is currently a member of the LRA, the disciplinary committee will also review the evidence and may take actions according to our bylaws. Additionally, depending on their ruling, the Trustee may revoke all LRA system operating privileges of the individual.

There will be no further discussion of this matter at this meeting and the identity of the individual will not be released until the disciplinary committee has taken actions.

Please direct any questions you may have in writing to BOARD@KR9RK.COM