

## New Members:

This month we welcome 6 new LRA members:

**Stephanie Lichternauer - KB9WHO**

**Keith Lichternauer - N9IPA**

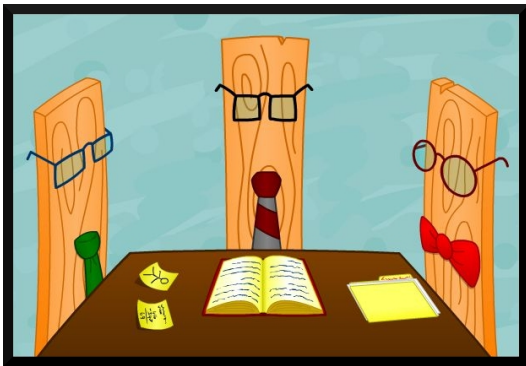
**Scott Seymour - KD9WFS**

**Rick Schaber - KB9SIG**

**Steve Miller - N9XSJ**

**Tom Burger - KA9KJE**

## From the LRA Board:



**No board meetings were held in January.**

Minutes of the January *membership* meeting and financial statements will be posted in the MEMBERS ONLY section of the website **KR9RK.COM**

The Bylaws committee has submitted its first draft of a new set of LRA bylaws to the Board. The board will review this document and meet jointly with the committee at some future date for final discussions. A final draft, along with board adoption recommendations, will be sent to the members at least 30 days prior to the April membership meeting when a membership vote on acceptance will be taken.

Remember, messages to all current board members as a group may be sent via email to **BOARD@KR9RK.COM**

## **Direct Allstar node connection to LRA UHF repeater.**

The membership requested and authorized a direct Allstar node connection to the UHF repeater at the last membership meeting. Our Technical Director, N9OIG, was directed to acquire and install the necessary equipment. Don't miss the Feb 4 Allstar seminar to learn more about Allstar operating.

## **LRA Activities**



### **February 4, 1:00pm Allstar Technical Seminar at Platinum Systems, Kenosha**

*“Allstar seminar Saturday February 4th 1pm till? We have a video to play, then question and answer and some demos.*

*Bring your questions and we should be able to answer them.*

*Contact N9OIG for details”*

The address is 4600 Green Bay Road Hwy 31 Kenosha, Wisconsin. The business is Platinum Systems. It is North of Hwy 158 South of Hwy 142 on the west side of the road. See map at end of newsletter

**February 11, 10:00am Foxhunt starting at the Meadows restaurant in Franksville.**  
Contact AF9Q for details. Foxhunts are planned for every month this year. Check out the full schedule at [KR9RK.COM](http://KR9RK.COM)

**April 25, 7:00pm LRA membership meeting**

**June 10**, Lyons Freefest at Riverside Park in Lyons, Wi.

*I am pleased to announce that the Lakeshore Repeater Association (LRA) will be co-sponsoring this annual ARRL Freefest along with the Lake Area Amateur Radio Club (LAARC) for the first time this year.*

*Volunteers from LRA will be needed to help with setup and cleanup before and after the event. All volunteers will be granted free entry to the event!*

**June 24** LRA's hosting of the **Taste of Field Day** event has been proposed for this year. Location TBD. This event was hosted privately by **K9SO** last year at the Richard Bong State park and was a lot of fun with over 30 participants.

## **Net Activities on KR9RK Repeaters:**

The **Public Service Net** is now once a month on the 3rd Wednesday of every month at 7:30pm. Don't miss it on the VHF repeater 147.270.

**ARES RACES net** will be at the same time and dates as the LRA psn nets. Our **Weather net** will resume in the Spring

**Happy Hour** is held daily at 5:00 pm. Check in on either of our analog repeaters and share your happy thoughts for the day. There is also a HH email reflector on Groups.IO. Send Matt (**AF9Q**) or me (**K9SO**) a note to participate.

**Newsline**, an amateur radio news podcast, will be played at 7:30 pm every Wednesday on 147.270 @ 7:30pm except on the night of the other nets. On those days it will follow after the net.

We're seeing an average of 30+check-ins per day and a re new daily record 44 "Chickins" on the **Happy Hour Un-Net**. This group meets daily on both the 442 and 147 repeaters linked together at 5:00pm sharp. Moderated regularly by **K9WBT**, **K9SO**, and **KD1Z**. Fridays and Sundays feature our guest moderators. Join us! A beautiful certificate courtesy of Dave, **NP2I**, is awarded for 100 check-ins. Nearly 40 certificates have been awarded to date.

# On the Air

## HF Propagation is HOT: be sure to check out the higher frequency bands!

Predicted SFI numbers for the month are

150 on January 27-28,  
145 on January 29-30,  
140 on January 31 through February 1, then  
145, 150 and a big jump to 185 on February 2-4,  
190 on February 5-6,  
195 on February 7-12,  
200 on February 13,  
205 on February 14-15,  
200 on February 16-18,  
195, 200, and 190 on February 19, 20, and 21,  
185 on February 22-23,  
180 on February 24-25,  
175 on February 26 through March 1  
180, 185 and 190 on March 2-4.

Flux values are expected to keep rising, peaking above 200 again after March 10.

## Major February HF DXPeditions You Won't Want to Miss

<b>2023 Feb01</b>	<b>2023 Feb22</b>	<b>Bouvet I</b>	<b><u>3Y0J</u></b>
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<b>2023 Feb01</b>	<b>2023 Feb21</b>	<b>Seychelles</b>
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<b>2023 Feb04</b>	<b>2023 Feb27</b>	<b>Burundi</b>
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<b>2023 Feb09</b>	<b>2023 Feb23</b>	<b>Vanuatu</b>	<b>YJ0A</b>
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For a complete list visit <https://www.ng3k.com/misc/adxo.html>

## The Next Big Contests:

**10-10 Winter International Contest**

**SSB (10m only): February 4,5**

**ARRL International DX Contests**

**CW: February 18,19**

**SSB: March 4,5**

**Wisconsin QSO Party March 12,13**

**Let's make sure we have a Lakeshore club entry this year.**

**All modes... .**

For a complete list of upcoming contests, visit here: [Contest Calendar](#)

## Upcoming Hamfests

**Jefferson Hamfest**

Start Date: 03/19/2023

End Date: 03/19/2023

Location: Jefferson County Fairgrounds - Activity Center 503 N. Jackson Ave. Jefferson, WI 53549

Website: <http://w9mqb.org>

Sponsor: Tri-County Amateur Radio Club - W9MQB

Type: ARRL Hamfest

Talk-In: 145.49 CTCSS 123

Public Contact: Paul Marowsky , KD9PM

W5345 Schiferl Lane JOHNSON CREEK, WI 53038

## Sterling/ Rock Falls Hamfest

03/19/2023

Start Date: 03/19/2023

End Date: 03/19/2023

Location: Sauk Valley Community Collège GYM

173 IL. Rt2

Dixon , IL 61021

Sponsor: Sterling Rock Falls Amateur Radio Society

Type: ARRL Hamfest

**Talk-In: 146.850 114.8 CT. W9MEP Repeater**

Public Contact: Lloyd Sherman , KB9APW

Email: [w9mepclub@hotmail.com](mailto:w9mepclub@hotmail.com)

## Milwaukee Area Swapfest

Start Date: 03/25/2023

End Date: 03/25/2023

Location: Elks Lodge #46

5555 W. Good Hope Road

Milwaukee, WI 53201

Website: <https://www.w9rh.org/club-events/swapfest-2/>

Sponsor: Milwaukee Radio Amateurs' Club

Type: ARRL Hamfest

Talk-In: 145.390 MHz

Public Contact: Dick Strassburger , N9EEE

PO Box 26938 Milwaukee, WI 53226

Phone: 414-459-9741

Email: [swapfest@w9rh.org](mailto:swapfest@w9rh.org)

## Madison, Wi Hamfest

04/15/2023

Start Date: 04/15/2023

Location: Mandt Community Center

400 Mandt Parkway

Stoughton, WI 53589

Website: <http://www.w9hsy.org>

Sponsor: Madison Area Repeater Assc

Type: ARRL Hamfest

Talk-In: 147.150 pl 123.0

Public Contact: Paul Toussaint , N9VWH

3835 County Road A Stoughton, WI 53589-3913

Phone: 608-205-1994

Email: [w9hsymadison@gmail.com](mailto:w9hsymadison@gmail.com)

### June 10 **Lyons ARRL Hamfest**

Co-sponsored by LAARC and for the first time, the **Lakeshore Repeater Association**

Don't miss this SE Wisconsin event at Riverside Park in Lyons, Wisconsin

## Ham Radio on the TV News:

You may have missed this WDJT Milwaukee TV Channel 58 news report. If so, WATCH IT

NOW:

<http://www.cbs58.com/news/ham-radio-operators-still-a-thing-in-this-advanced-technological-world>

Also this TV news report:

**Brown Deer Ham Rescued by Ham Radio:**

[WDJT Milwaukee News Report](#)

## Non LRA Daily Nets of interest:

DAILY	5:00a	3.985 LSB	Badger Weather Net
DAILY	6:00a	14.290 USB	Milwaukee / Florida SSB Net
DAILY	7:30a	144.155 USB	Breakfast RoundTable

<b>DAILY</b>	<b>6:00p</b>	<b>1.895 LSB</b>	<b>MidEast 160m Net</b>
<b>DAILY</b>	<b>6:30p</b>	<b>3.645 CW</b>	<b>WI Slow Speed CW Traffic</b>
<b>DAILY</b>	<b>9:30p</b>	<b>3.9725 LSB</b>	<b>Country Cousins Net</b>

## **VEC Testing:**

**All applicants must have an FCC FRN number. Apply at FCC.GOV before you take your test.**

### **Ham Radio Outlet (HRO)**

**5710 W. Good Hope Rd. Milwaukee**

Exams are held in the classroom on the west side of the showroom. Look for signs directing you to the proper room. Please do not call HRO.

If you have an amateur radio license and are taking an exam to upgrade your license, please bring a photocopy or FCC Reference Copy or Official Copy of your current license with you. It will be retained with your exam records.

#### Upcoming Test Dates

**\*\*\*WALK-INS ONLY - NO RESERVATIONS REQUIRED\*\*\***

Testing is from 9:30AM\* to 11:00AM

\* The door opens about 9:00AM and testing starts around 9:30AM

- January 28, 2023
- February 25, 2023
- March 25, 2023
- April 29, 2023



- May 27, 2023

## Lakes Area Amateur Radio Club (LAARC)

Woodstock, IL.

February 18 1:00pm. Advance registration required.

Please contact Steve Maresso (KB9OLD) 847 477-3518 to register

## Ham Radio and the 4th Amendment

While the US Constitution protects us against illegal searches and seizures, did you know that as a condition of your Ham Radio License you have agreed to allow FCC agents to request entry to your home and inspect all radio equipment on the premises? You may refuse, but failure to comply with such requests, even when unannounced, may result in fines and forfeiture of your FCC licenses.

**Tom, W9FL**, found this very interesting YouTube video about the 1100 foot tower in St.

Louis:

Part one:

[https://www.youtube.com/watch?v=6\\_u8x8V4YYs](https://www.youtube.com/watch?v=6_u8x8V4YYs)

Part Two:

<https://www.youtube.com/watch?v=wJ-XqQchwEw>

**LaValle, W9SV**, has been busy on his Satellite station. A newly launched digital “bird”, known as IO-117 (Italy-Oscar 117) has a massive footprint ... far larger than anything to date. He has 30 countries confirmed and 33 states so far on packet... even more than that worked and waiting for confirmation. Nice work LaValle!

**Bruce, K9WBT**'s Winlink Wednesday continues to grow in popularity. Last Wednesday's check-ins included

N9SEB, KD9NXG, K9UET, KC9HYY, KD9PPX, K9QKL, K9WNG, WX9EMS, N9UUO, KD9SAW, and KD9KHV

K9WBT was NCS Contact Bruce for details.

**Matt, AF9Q** asked me to post information about my most recent find. Great stuff:

[Foxhunting Bible](#)

**Gary, N9GE**, solved a nagging RF-in-the-shack problem by cleaning up his old ground rods outside the shack. Time to check yours? .

**Kevin, N9OIG** made this compact Allstar communicator. I took it with me on a recent trip to Tucson, Az. Kevin and I have build details for anyone interested.



## Did You Know?

### The Q Code

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The Q Code came into being internationally in 1912 to overcome the language problems involved in communications by radio among ships and shore stations of all countries. The original list of 50 adopted by international agreement in London contain many which are still familiar to amateur operators-QRN, QRM, QSO, the traffic operator's QRK, QSY and QRV - are now nearing the century mark of continuous usage. QSL still has the official 1912 definition despite the changed informal usages it is subjected to in amateur parlance.

## Stuff You Have to Have:

A lot of recent discussion on HH about the FTDX10 from Yaesu. This has been one of the best rated receivers in the Sherwood Engineering list. But Yaesu recently released their newest SDR version, the FT710 AESS, which is right up there with the best.

There are some mixed reviews about its RX audio so make up your own mind: <https://www.eham.net/reviews/view-product?id=15395>



## Attenuator:

A new \$30 pushbutton attenuator K9SO will be using on the next foxhunt. Find it on Amazon. It's shielded and tests show it's very good and accurate.



## 234KHz VLF station going off the air:

I leave you this month with a sad story. A beautiful 234KHz 3 element  $\frac{1}{4}$  wave vertical beam antenna is no longer needed and went off the air on January 1.

<https://twiar.net/?p=13908>



73, and Happy Radio!

Fred

K9SO

Location map for the Feb 4 Allstar seminar (see previous details):

