



Lakeshore Repeater Association, Inc.

KR9RK.ORG / KR9RK.COM

Newsletter: September 1, 2024

117 Members Strong!

This month we welcome our newest member:

Fred, N9AST

This sets a new membership record for the LRA growing significantly larger than we were even back in the days when autopatch was the big club membership draw.





From the board

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

The LRA Picnic is in the books! See the pics below

Be sure to attend the October meeting: President and Treasurer positions are up for election. If anyone is interested in running for these LRA officer positions please contact the Secretary Matt, AF9Q before October 1.



... to Support the LRA Activities

At the last membership meeting , President Dwayne announced that we have formed a bi-weekly “volunteers forum” meeting call on GoogleMeets that will consist of any and all LRA volunteers. But volunteers only. To qualify for joining this call, members must volunteer for SOMETHING... . ANYTHING AT ALL. This will not be a formal meeting, but only a very informal discussion group. If you feel left out of the “inner circle of club management”, try volunteering for something and participating in LRA’s activities.

Quarterly Meeting Presentations:

I made a “FredTalk” presentation on grounding and lightning protection at the July membership meeting. Our projector was inadequate for the room and the slides couldn’t be seen clearly so I’m posting a link to the presentations here for those that missed it:



Link to: [Lightning Protection Presentation](#)

We now have time allotted for member presentations at our quarterly meetings due to the extended availability of our meeting room.

If you have something to share with the group, and would like to present, please contact Dwayne, Matt, or me.

Quarterly Membership Meeting



NEW HOURS! NEW LOCATION!

Our quarterly open membership meetings are held on the last Tuesday of the first month of each quarter. (January, April, July, and October). The next will be Tuesday, October 29 and it will be held at our **new YMCA location** in Mt. Pleasant. Doors will open at 6:30pm and **a tech talk (if any) will begin at 6:45 sharp. Please note the change in starting time and location.** **YMCA Meeting Room at 8501 Campus Drive, Mt Pleasant, WI 53406.** Enter at the main entrance and check in with the front desk.

Officer Elections:

The positions of President and Treasurer are up for election at the October membership meeting. Per LRA bylaws, only members **physically present** and in good standing for more than 30 days may vote. Proxy, remote, or mail-in voting is not allowed.

Nominations for the offices of President and Treasurer must be submitted in writing to the Secretary no later than October 1.

Both President **Dwayne, N9PYA** and Treasurer **Rick, KC9UJO** have indicated their willingness to serve in their positions for another 2 years.



LRA Member Activities:

Foxhunts



The August Foxhunt was a lot of fun.

The next one will be on the second Saturday of September (9/14/2024). We are meeting for breakfast at Meadows Family Restaurant in Franksville at 8am. Fox leaves to hide at 9am. The hunt starts at 10 and ends at noon. Transmitter frequency and other details will be provided directly before the hunt.

“I appreciate "early chicken's" for the hunt as this helps me better prepare and make sure everyone has fun! Please send me an email to secretary@kr9rk.com let me know that you are interested.” –**Matt, AF9Q**



Bernie, N9AZA, is our SKYWARN coordinator for the LRA. Summer is here and Bernie's already called the weather spotter net into operation. Be sure to join him.

Supporting Bernie on our SKYWARN committee is Steve, N9SEB, Rick, KC9UJO, and Dwayne, N9PYA.

The SKYWARN network is designed as a "liaison net" during severe weather operations, serving as a collection point where local spotter networks (operating on their local repeaters and frequencies) can collect and relay reports and information to the NWS in Norman. The local net control stations gather information from individual spotters and relay that information to the NWS via the liaison net.

Happy Hour, LRA Style



The "UN-NET" is hatching many more "Chickens" almost every day. **A new record** was set in April when K9SO, as moderator, logged in 61 participants blasting away at the old record of 54.

Recently, in addition to our usual SE Wisconsin participants, we have been getting regular nation-wide and International participation too. A lot of fun.

Going on its 4th year, 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 LRA 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, KC9UJO, N9PYA, and KD1Z**. Lately, **Robin, WB9COW** and **Craig, KD9UQE**, have been moderating too.

The beautiful FAT SQUIRREL certificate, courtesy of **Dave, NP2I**, is awarded for 100 HH check-ins and there are 74 of them decorating hamshack walls as of today. Millennial awards for over 1000 check-ins have been awarded to 4 participants already.

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 [[ARES/RACES 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.



Happy Hour Email Group on Groups.IO



We have a happy hour email reflector ("the forum") on Groups.IO now. Dozens of interesting posts last month. Join in the conversation by clicking on the link below 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](#)]



Member Activities

The annual Wisconsin POTA event is on September 21st this year. More info at the website below.

<https://wipota.com/>

"The purpose of the Wisconsin Parks on the Air (WIPOTA) operating contest is to promote public awareness of ham radio within Wisconsin's beautiful state park system. The objective of WIPOTA is to have competing stations operate from as many Wisconsin parks as possible and work hams in other WI parks, as well as hams not located in a park in any state, province or country."

PICNIC! PICNIC! PICNIC!

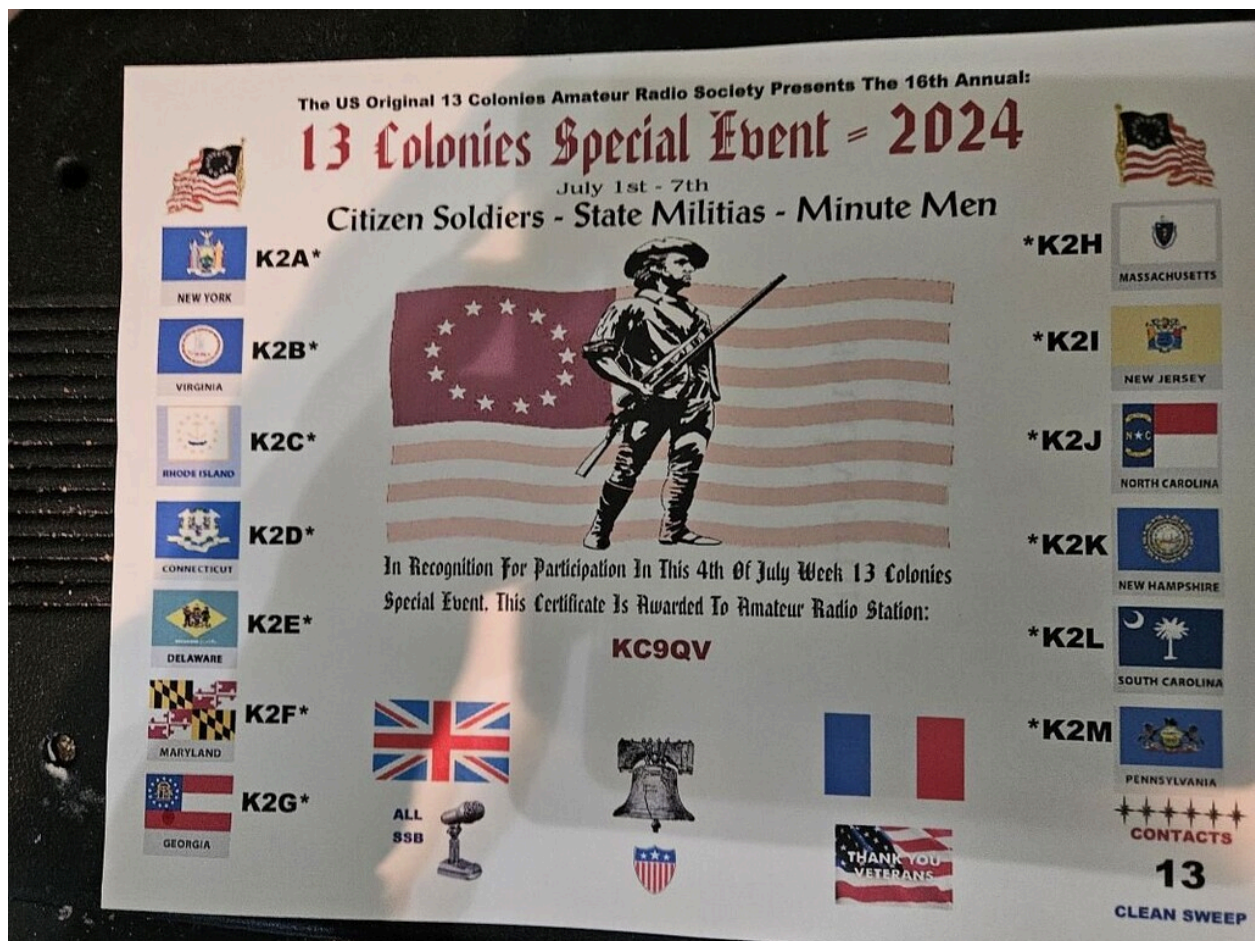
Great food, fun, foxhunts and more. We had a huge % club turnout and great WX







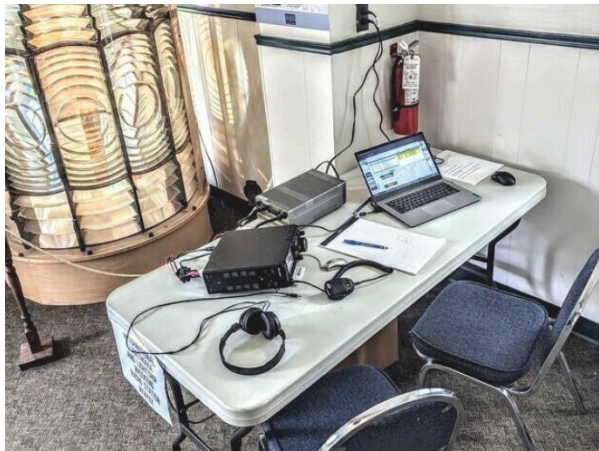
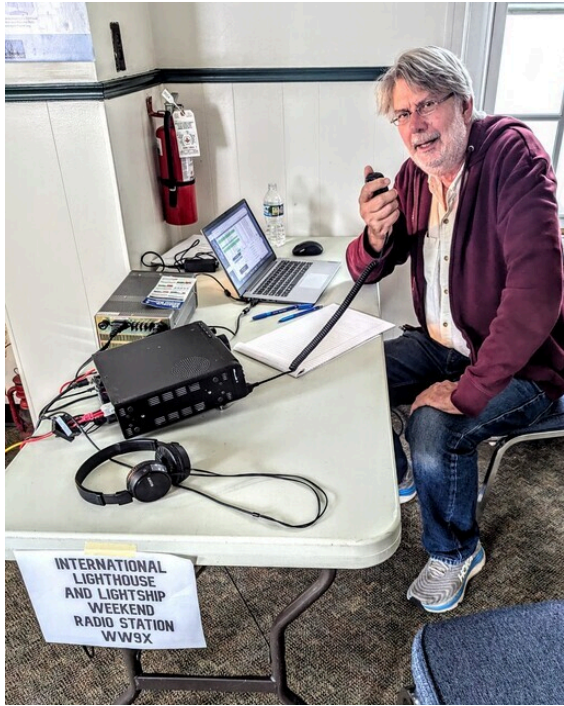
Ken, KC9QV received his 13th colony certificate:



Mike, WW9X led a group to operate at the Wind Point Lighthouse operating from there during the International Lighthouse Lightship Weekend. Joining him were Bernie, N9AZA, Jeff, KC9JOB, Matt, AF9Q and others.

“Looks like it’s actually going to happen! I registered with the ILLW <https://illw.net/> and I guess we will operate as WW9X and probably just SSB. Seems like they don’t want digital modes.

I went over to the lighthouse this morning and dropped a 40M end fed from the top railing to test things out. The railing is about 100' so the transformer is about 30' off the ground. Then the coax feeds into the house through a window. The SWR was really good for 40, 20, 15 and 10 and probably tunable elsewhere too. We will operate in the lobby where the original lens is kept. You can just see the base of the tower in the window where the coax will enter. It has 110V, is visible to visitors, has WIFI and is air conditioned. The radiator should be a pretty good ground too. I would bring my FT-710 and the power supply along with a computer for logging.” –WW9X





K9SO: It took almost a week of heavy lifting and a lot of help from my friends (thank you Jeff, KC9JOB!), but I moved my tech shop into a spare bedroom in August:



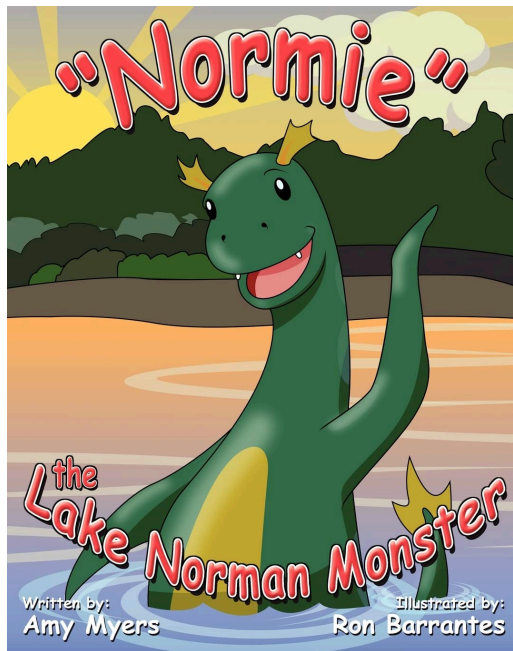
Bruce, K9WBT visited Alaska last month and operated POTA there as well as moderating the HH group. Propagation wasn't very good and he struggled for contacts, but it was a great blue sky success:



Jeff, KC9JOB spent a week camping out at the Oshkosh air show with his VietNam Army buddies.



I moved my QTH for a few weeks down to Lake Norman in NC exploring some spooky cemetery service roads that were lost when the lake was formed. Lake monsters like "Normie" are rumored but none were seen on this visit :



Scott, W9AFB sent me this write-up about his recent activity:

One of the many neat things about amateur radio is the crossover between other hobbies/interests. A good number of museums around the country and world have ham radio stations. Knowing that, I was able to visit a Navy ship station during a recent trip to the Pacific Northwest. Many museum ships around the world have a ham club and can often be heard on the air during museum ships weekend.

<https://www.nj2bb.org/museum/>

USS Turner Joy (DD-951) is one of 18 Forrest Sherman-class destroyers of the United States Navy. Decommissioned in 1982, she is now a museum ship in Bremerton, Washington with some interesting history. https://en.wikipedia.org/wiki/USS_Turner_Joy

I had been wanting to visit this ship for a while and looked up if there was a ham station aboard. Luckily there is and NS7DD is the callsign. Through some emailing I was put in contact with one of the museum volunteers/club station members. Took the ferry from Seattle to Bremerton and arrived at the Turner Joy.

While aboard, I got a fantastic tour of the ship, including the radio room, cryptographic room, and the radio club operating compartment. We tried to make some QSOs on HF, but the band conditions were not too great. No big deal, it was fun learning all about the ship, especially the electronic gear. When the Navy decommissioned the ship, they left most of the gear aboard so there was a lot to look at.

So, for those of you that do any bit of traveling (even locally), it pays to do a little homework to see if you can find some museum amateur radio clubs wherever you may be. The pictures are of the ship,



radio/crypto room:



John, AC90T posted this very interesting blurb about POTA in Wisconsin:

Yes, I am a bit of a map nerd. I did some Data crunching and found that Richard Bong S.P. ranks number 4 in the State of WI in successful POTA activations. The North County Trail (NCT) leads in the number of activations with 2,359. However, the NCT goes from NY to ND, so I anticipate a lot of activations on this trail. So, if you eliminate the NCT, Bong is number 3 with a total of 451 activations. The Ice Age Trail (IAT) takes the number 2 position with 1,054 activations. Like the NCT, the IAT transverses the State of WI, so I would expect a large number of activations on this trail. Kettle Moraine State Forest takes the number 3 position with 505 activations.

The County with the largest number of activations countywide (all parks combined within the county) is Waupaca County with 1,209 activations. Racine County has 90 overall, Kenosha County has 505 overall, and Walworth County has 201 overall. Digging into the number of activations Waupaca County has, I found that the IAT POTA point is located in that county. The IAT accounts for 1,054 activations of the 1,209 in Waupaca County. This would leave 155 activations in Waupaca County not counting the IAT. It should be noted that the POTA website only has points for the parks of which my Data is derived from.

When counting the number of QSO's, the leader again is the NCT with 97,540 (again, over several states). Of the local parks, Kettel Moraine State Forest has 22,541 QSO's and ranks number 4, Richard Bong S.P. has 14,201 QSO's and ranks number 7. Big Foot Beach S.P. has a total of 5,815 QSO's and ranks number 23 in the State.

In Kenosha County, K0BXX is the leader in QSO's at Richard Bong S.P. with 3,119 QSO's and the leader in activations with 190. The top hunter for the same park is W9AFB. The second park in Kenosha County is New Munster Wildlife Area. The leader in activations for this park is AC90T with 22 activations; and is also the leader in QSO's in the park with 1,455 QSO's. The top hunter is W9AFB with 58 hunted QSO's.

In Walworth County, K0BXX is also the top leader in activations for Big Foot Beach S.P. with 56 activations and 1,114 QSO's. The top hunter for Big Foot is again, W9AFB. In Bloomfield State Wildlife area, W9AFB is the top activator with 7 activations. AC90T has the top QSO's in the park with 312. The top hunter is W9AFB. Turtle Valley State Wildlife area is the third park in Walworth County. The top activator for this park is AC90T with 3 activations. K9ABR has the most QSO's in the park with 161, all in one activation. The top hunter for this park is W9AFB.

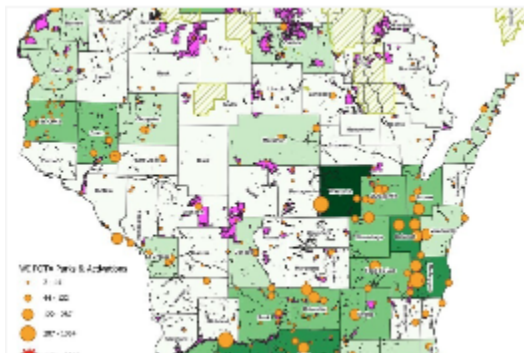
In Racine County, the top activator for Honey Creek Wildlife area is KD9VBP with 10 activations and 1,009 QSO's (leader). The top hunter, you guessed it, W9AFB. The top activator for Tichigan State Wildlife area is KW9E with 17 activations and 1,168 QSO's (leader). The top hunter for this park is, WU9B. W9AFB comes in second.

From what I can tell, it appears that the SE part of the State is very active in POTA.

POTA on Dudes

AC90T

Check out this POTA activation map (click the link for more detail)



<https://groups.io/g/HHtheUnNet/attachment/3493/0/WIPOTA.jpeg>

Speaking of POTA, **Scott, W9AFB** joins John as our most active POTA participant. He sent me this write-up:

I haven't done a whole lot of POTA activating this summer, but did get a few in later in August. First was out the Bloomfield State Wildlife Area just east of Lake Geneva. Went out in the early evening and set up an inverted vee dipole for 40m. Operated for about an hour and made 108 contacts, just about all on 40. Did try 15m for a short bit and made a couple there. It was a nice evening outside in the lawn chair. Great weather and I got to watch all of the birds flying around the field eating bugs while making QSOs.

A few days later, I had to go up near Eagle for an errand. Knowing there are a few parks up that way, I stopped by Scuppernong Prairie State Natural Area for a quick activation. Found some shade from a tree and set up. Used my car mounted hamstick on 20m this time and made 28 contacts before heading back home. That is one of the many things I like about POTA. When away from the QTH, you can always check to see what park is nearby and stop for a radio detour.



Scott
W9AFB

Craig, KC9UQE is forming an “Antenna Experimenters Group” that will meet regularly on the 27 VHF repeater. Contact him directly for more information.

“In the spirit of hams helping hams and the benefits of having a license that gives us freedom to build and experiment with our own gear we are having a friendly meetup on the 2m repeater Analog 147.270 – PL 127.3 at 7pm tonight. Ill take a group consensus on what seems to be desired as a first project for an HT usable gain antenna. Tops on the list is a Slim Jim style from common materials like twin lead transmission line. Also mentioned by others is 6m local and HF DX loop antennas. This is your chance to bring your time, talent and desire to improve your station and knowledge. Its open to any license class and experience level from any club or location close enough to meetup and actually build these antennas. There is nothing so satisfying as making a contact or exceeding your gear limits with an antenna you built! Many hands make light work and all that good stuff! Craig KD9UQE 8479522657 Text or call”

Chris, KC9IJB, sent me a picture of his new friend that visits him regularly on the back porch:



Bruce, K9WBT, has been leading a local Winlink Wednesday Radio Email activity. There has been growing participation lately with a record turnout last week. Catch Bruce on the air or anyone on the daily Happy Hour Un-Net. Bruce moderates on Thursdays. What's it all about? Check out Winlink here [[Winlink](#)].

Contesting/Operating Corner



Visit the contest calendar to see what's cookin' this weekend:

<https://www.contestcalendar.com/weeklycont.php>

Here's the next week with links to the details:

September 1

- [Tennessee QSO Party](#)

September 2

- [K1USN Slow Speed Test](#)
- [ICWC Medium Speed Test](#)
- [OK1WC Memorial \(MWC\)](#)
- [RSGB 80m Autumn Series, SSB](#)
- [MI QRP Labor Day CW Sprint](#)

September 3

- [ARS Spartan Sprint](#)
- [Worldwide Sideband Activity Contest](#)

- [ICWC Medium Speed Test](#)

September 4

- [Phone Weekly Test](#)
- [A1Club AWT](#)
- [CWops Test \(CWT\)](#)
- [VHF-UHF FT8 Activity Contest](#)
- [Mini-Test 40](#)
- [Mini-Test 80](#)
- [UKEICC 80m Contest](#)

September 5

- [Walk for the Bacon QRP Contest](#)
- [CWops Test \(CWT\)](#)
- [NRAU 10m Activity Contest](#)
- [SKCC Sprint Europe](#)

September 6

- [NCCC FT4 Sprint](#)
- [Weekly RTTY Test](#)
- [NCCC Sprint Ladder](#)
- [K1USN Slow Speed Test](#)

September 7

- [All Asian DX Contest, Phone](#)
- [Wake-Up! QRP Sprint](#)
- [SARL VHF/UHF FM Contest](#)
- [SARL Field Day Contest](#)
- [Russian RTTY WW Contest](#)
- [IARU Region 1 Field Day, SSB](#)
- [RSGB SSB Field Day](#)
- [Ohio State Parks on the Air](#)
- [IARU Region 1 145 MHz Contest](#)
- [AGCW Straight Key Party](#)
- [PODXS 070 Club Jay Hudak Memorial 80m Sprint](#)
- [CWops CW Open](#)

Join ARRL and subscribe to the Contest Update postings.

Did You Know:

... that

female Hams are known as YL's (Young Ladies), a Ham's wife is known as his XYL (get it?), and that Ham children are known as Harmonics? Of course, a male Ham is known as an OM (Old Man) regardless of age.

... that

KB2GSD, Walter Cronkite obtained his amateur radio license after he retired from CBS news, primarily to have another form of communication while on his sailboat. Chet Huntley and David Brinkley were popular co-anchors of the NBC television news broadcast. Dan Rather replaced Walter Cronkite on the 'CBS Evening News' after Cronkite retired.

... that

A "silent key" refers to a ham operator that has passed. A "telegraph key" (or simply "key") is a device used to send Morse code. A key goes silent when its owner has passed on.

... that

... "running barefoot" means you are operating without an amplifier. Generally, barefoot operating means using 10 watts to 100 watts. An amplifier would typically boost that to approximately 1000+W.

...that

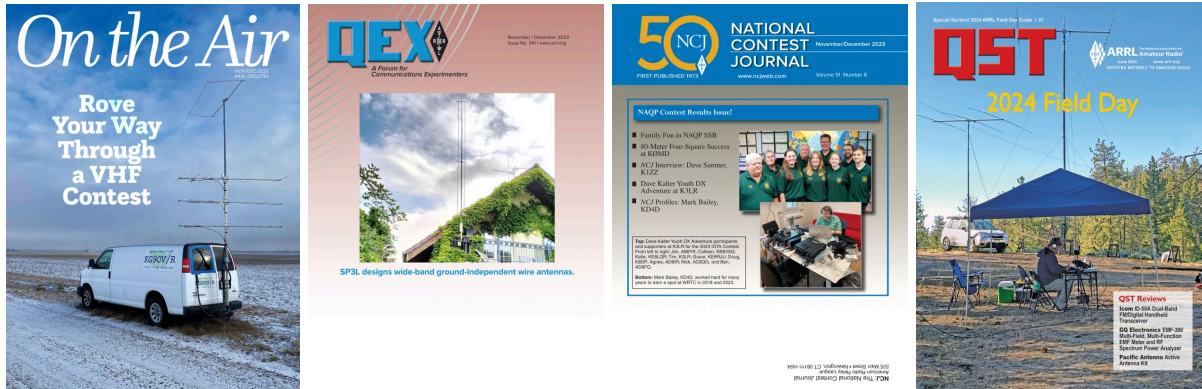
"73" means "best regards". So, technically, "73's" or "73s" means "best regardses" - some sticklers get worked up about that kind of grammar.

"88" means "love (or hugs) and kisses".

... that

the "Peggy Sue" Buddy Holly sang about was K4PSG ?

ARRL Publications (all 4 come with membership):



Join the ARRL today! [Join here now!](#)

Breaking News: ARRL Pays \$1 million in Ransom

Sometime in early May 2024, ARRL's systems network was compromised by threat actors (TAs) using information they had purchased on the dark web. The TAs accessed headquarters on-site systems and most cloud-based systems. They used a wide variety of payloads affecting everything from desktops and laptops to Windows-based and Linux-based servers. Despite the wide variety of target configurations, the TAs seemed to have a payload that would host and execute encryption or deletion of network-based IT assets, as well as launch demands for a ransom payment, for every system.

This serious incident was an act of organized crime. The highly coordinated and executed attack took place during the early morning hours of May 15. That morning, as staff arrived, it was immediately apparent that ARRL had become the victim of an extensive and sophisticated ransomware attack. The FBI categorized the attack as "unique" as they had not seen this level of sophistication among the many other attacks they have experience with. Within 3 hours a crisis management team had been constructed of ARRL management, an outside vendor with extensive resources and experience in the ransomware recovery space, attorneys experienced with managing the legal aspects of the attack including interfacing with the authorities, and our

insurance carrier. The authorities were contacted immediately as was the ARRL President.

The ransom demands by the TAs, in exchange for access to their decryption tools, were exorbitant. It was clear they didn't know, and didn't care, that they had attacked a small 501(c)(3) organization with limited resources. Their ransom demands were dramatically weakened by the fact that they did not have access to any compromising data. It was also clear that they believed ARRL had extensive insurance coverage that would cover a multi-million-dollar ransom payment. After days of tense negotiation and brinkmanship, **ARRL agreed to pay a \$1 million ransom**. That payment, along with the cost of restoration, has been largely covered by our insurance policy.

From the start of the incident, the ARRL board met weekly using a continuing special board meeting for full progress reports and to offer assistance. In the first few meetings there were significant details to cover, and the board was thoughtfully engaged, asked important questions, and was fully supportive of the team at HQ to keep the restoration efforts moving. Member updates were posted to a single page on the website and were posted across the internet in many forums and groups. ARRL worked closely with professionals deeply experienced in ransomware matters on every post. It is important to understand that the TAs had ARRL under a magnifying glass while we were negotiating. Based on the expert advice we were being given, we could not publicly communicate anything informative, useful, or potentially antagonistic to the TAs during this time frame.

Today, most systems have been restored or are waiting for interfaces to come back online to interconnect them. While we have been in restoration mode, we have also been working to simplify the infrastructure to the extent possible. We anticipate that it may take another month or two to complete restoration under the new infrastructure guidelines and new standards.

Most ARRL member benefits remained operational during the attack. One that wasn't was Logbook of The World (LoTW), which is one of our most popular member benefits. LoTW data was not impacted by the attack and once the environment was ready to again permit public access to ARRL

network-based servers, we returned LoTW into service. The fact that LoTW took less than 4 days to get through a backlog that at times exceeded over 60,000 logs was outstanding.

The board at the ARRL Second Board Meeting in July voted to approve a new committee, the Information Technology Advisory Committee. This will be comprised of ARRL staff, board members with demonstrated experience in IT, and additional members from the IT industry who are currently employed as subject matter experts in a few areas. They will help analyze and advise on future steps to take with ARRL IT within the financial means available to the organization.

We thank you for your patience as we navigate our way through this. The emails of moral support and offers of IT expertise were well received by the team. Although we are not entirely out of the woods yet and are still working to restore minor servers that serve internal needs (such as various email services like bulk mail and some internal reflectors), we are happy with the progress that has been made and for the incredible dedication of staff and consultants who continue to work together to bring this incident to a successful conclusion.

Technical stuff:

So you want to be a HAM?

Ham radio has a legacy of over 100 years. Learn about the legacy and the “private” Ham Radio jargon to impress your fellow Amateurs. **Charlie, K2OC** (my brother) sent me the following link leading to an excerpt from a book. It’s a fairly long read, but very interesting and worthwhile:

[Ham Radio Culture](#)

Stuff You Need (?) Department:



Thanks to our growing list of newsletter contributors! Make sure you post your activities on the HH forum or send them to me at VP@KR9RK.COM. Pictures say it best! Don't forget to send me a picture of your QSL cards.

I've started a swap meet section of the newsletter in the appendix below and it works! Send me pictures and details of what treasures you may want to sell.

73, Fred, K9SO

VP, Lakeshore Repeater Association, Inc.

VP@kr9rk.com

APPENDIX I, upcoming hamfests:

**September 7, 2024 – ORC Annual Regional Fall Swapfest Location: Cedarburg, WI
Sponsor: Ozaukee Radio Club Website: <http://www.OzaukeeRadioClub.org>**

**September 20-21, 2024 – HRO Superfest Location: Milwaukee, WI Sponsor: Ham
Radio Outlet Website: Not Provided**

**October 19, 2024 – Hidden Valley ARC 1st Annual Hamfest Location: Lancaster,
WI Sponsor: Hidden Valley Amateur Radio Club Website: Not Provided**

**November 2, 2024 – ARES Conference / State Convention Location: Wisconsin
Rapids, WI Sponsor: Numerous Website: <https://wi-arrrl.org/events/>**

Appendix II

LRA Freefest: Presented for informational purposes only. The LRA assumes no responsibility for accuracy or suitability of purpose and makes no warranty of any kind.

The Grandkids of **Dave, NP2I**, are all grown up now and he has this delightful swingset in his backyard that's no longer being used. He wants to donate this to a younger, growing family. It's in great shape:

SOLD!



Hi everyone. I am selling my FX-4CR. **\$500**



If you don't know what it is, check it out here:

<https://bg2fx.com/fx-4cr-transceiver-prod>

Very cool, 20 watt HF transceiver built by BG2FX. I have had it about a year, but only used it a few times. It is in great condition. They sell for \$550, but are unobtainable at this time as he only builds them in small batches.

Email me if interested, I will be posting it to QRZ soon but wanted to offer here first. Email on QRZ is correct.

Brad

FOR SALE **SOLD!**

43 FT. DX ENGINEERING VERTICAL ANTENNA

160 thru 10 Meters w/ SAF-T-TILT BASE

Including SG-230 Smartuner Microprocessor
Controlled Automatic Antenna Coupler

DX Remote Tuner Mounting System

DX Radial Plate

\$500.00

Peter Haas W9IXN

quemoid@aol.com

Yaesu FTDX3000 with all filters




Description click [HERE](#)


Lightly used, like new, and in perfect operating condition. This 100w transceiver has the 2nd best receiver I have ever used.

I just ordered the new FlexRadio 6800 so this has got to go.

\$1900 OBO

Fred
K9SO

 In-Stock

 Free Shipping!

AMERITRON ALS-1306

Linear Amplifier 1200 Watts HF + 6 Meters
Solid State RF Deck - ARI-500 Built In

HRO Discount Price: \$3,998.95*

 Buy It

*After Coupons & Promotions.



 Post

 Save

 Add To Wish List

My pre-MFJ 1306 is for sale for \$2900
K9SO. It's in NC so let me know before I return.