



## *“March 7th, 2022 Edition”*

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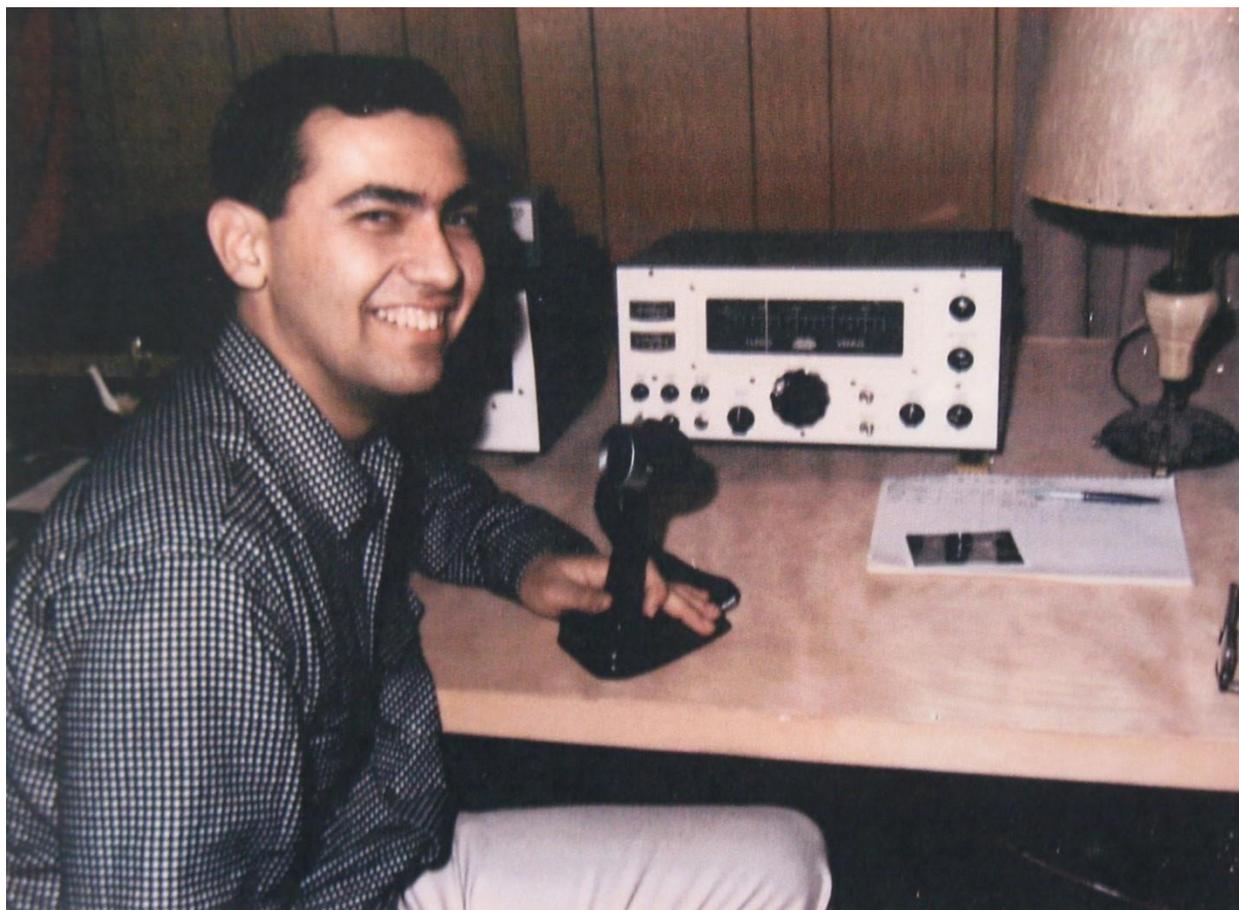
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## CQ CQ CQ de WB8LCD

Take a close look at the photo on the first page. Then scroll down to the second photo. The young, high-school aged guy in photo 1 is also one of the curmudgeons in the second photo!

I want to point out that Ham Radio is considered an “old man’s” hobby. Yet many of the old guys you see today started out as young hams. Everyone in photo number 2 was licensed in their High School years and remains an active ham today. Some of the finest hams I know. The whole point here is that if we want to continue to create older hams, the best way to do it is to start making young hams. How does that happen? Well, we could start a program at the local club to bring in the youth. Personally, I think that ship has sailed. ( I did not say that ship will never return to port ) Right now I think the best way to get youth involved is one on one. That makes it everyone’s responsibility. Please, don’t miss an opportunity to become a positive factor in some kid’s life. Our world needs that today.

I’ve always said that one of the ways to grow our hobby is to share the fun. Make it fun for everyone involved. I may be old – but I was young once. And one of the things I remember is that for the most part, as a kid, hanging out with old folks had a limited appeal. I wanted to be with my peers. I’m currently working with a couple of younger hams to help them set up a group of their peers to create a network of younger hams throughout the Ohio Section and empower them to get to know each other and get together both “on air” and in person. I’ll have more information coming out over the next few weeks. Keep an eye open for it!

Also, In that second photo, I would like to point out that the photo was taken at Hamvention 2018. Hamvention is a “bucket list” event. If you’ve never been there, you need to get there. If you’re lucky enough to find me somewhere in the parking lot on Saturday morning, perhaps *you’ll* be rewarded with a Bloody Mary too! Speaking of Hamfests, following is my (so far) list of planned of events I’ll be attending:

March 13 – NOARSFEST  
April 9 - Cuyahoga Falls  
April 24 - Athens  
May 20 - DAYTON HAMVENTION  
July 9 - Mansfield  
August 13 - Cincinnati  
September 25 – Cleveland

Remember – check the list of OHIO Section Hamfests on the section website – [www.arrl-ohio.org](http://www.arrl-ohio.org) . If your fest is not listed there please get it submitted to ARRL to have it listed as soon as possible.

Two other notable events of interest coming up later this summer – Field Day - June 25,2022 and Ohio State Parks on the Air – September 10, 2022. You want to get these on your calendar now!

I've seen some very interesting articles in the K9YA Telegraph. Since it's a copyrighted publication I'm not free to just grab articles of interest from it, BUT, you can subscribe for FREE! The following link will get you there:

[http://mailman.qth.net/mailman/listinfo/k9ya\\_telegraph](http://mailman.qth.net/mailman/listinfo/k9ya_telegraph)

Thanks for Fred Reed – KD8SMO for recommending this to me. My March has been off to a running start and I need to make an “unplanned” trip to California to clear up some family business before the month is over. None the less, I hope to bring you all the Amateur Radio news fit for printing and wish you all GUD DX!

73,  
Tom Sly – WB8LCD  
ARRL OHIO Section Manager  
330-554-4650 cell phone

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## *National News*

*(from ARRL and other sources)*

# **Send Your Name Around the Moon with NASA!**

We're getting ready for Artemis I, and we want to take you with us.

[Add your name](#) to the upcoming Artemis mission and have it included on a flash drive that will fly aboard NASA's Orion spacecraft as it orbits the Moon this year — plus, get a boarding pass that you can download, print, and share!

[Add Your Name to Artemis I](#)

Artemis I is the first uncrewed flight test of the Space Launch System rocket and the Orion spacecraft, launching from the historic Launch Complex 39B at NASA's modernized Kennedy Space Center in Florida. Artemis I will pave the way toward landing the first woman and the first person of color on the Moon in future missions, and will serve as an important step in our plans to build a long-term human presence at the Moon.

Want more Artemis updates? [Register as a NASA virtual guest](#) for Artemis I and get curated resources, interaction opportunities, schedule changes, and mission specific information straight to your inbox.

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Mar 1, 2022

## NASA Announces Launch Options for 2022 Student Launch Competition



Students from California State University, Long Beach, prepare to compete in the 2019 Student Launch.  
*Credits: NASA/Fred Deaton*

NASA's 2022 [Student Launch](#) rocketry challenge will provide both in-person and virtual opportunities for the competition's culminating event.

The in-person option will include a two-day event, with hardware checks Friday, April 22, and launch day Saturday, April 23, in Huntsville, Alabama. If rain is a factor April 23, a makeup day is scheduled for Sunday, April 24. Alternatively, Launch Division teams may conduct final test flights at a home launch field, as outlined in the [Student Launch Handbook](#). Teams may also opt to compete in the Design Division. This year's awards ceremony will be held virtually, after the at-home launch window closes May 9.

Student Launch challenges middle school, high school, college, and university students from around the United States to design, build, test, and fly a payload and high-powered amateur

rocket to an altitude between 4,000 and 6,000 feet. Teams also must meet multiple documentation and presentation milestones with NASA experts as they develop their rocket. Teams are scored in nearly a dozen other categories, including safety, vehicle design, social media presence, and science, technology, engineering, and mathematics engagement.

This year's competition will feature a virtual Launch Month in place of an in-person launch week. All teams will be invited to participate in virtual exhibits/tours, presentations by NASA subject matter experts, rocket fair sessions, and a career fair in the weeks surrounding the in-person launch.

The Student Launch management team carefully evaluated COVID-19 conditions and weighed concerns when deciding to hold an in-person event. Procedures and precautions will be in place at the hardware checks and launch to reduce the risk of virus transmission.

NASA's Southeast Regional Office of STEM Engagement manages Student Launch, one of the agency's [Artemis Student Challenges](#). These activities stimulate innovation and advance NASA's human exploration mission through collaboration with educational institutions and students – the Artemis Generation, who will help NASA explore the Moon and Mars. The agency's [Marshall Space Flight Center](#) in Huntsville hosts Student Launch.

For more information about Student Launch, visit:

<https://www.nasa.gov/stem/studentlaunch/home/index.html>

For more information about other engineering challenges NASA hosts, visit:

<https://stem.nasa.gov/artemis/>

*Christopher Blair*

*NASA's Marshall Space Flight Center, Huntsville, Alabama*

*256-544-0034*

*[christopher.e.blair@nasa.gov](mailto:christopher.e.blair@nasa.gov)*

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**Dayton dinners and events have been announced.** Tickets are now on sale for the 28th Annual Dayton [Contest Dinner](#) at the [Hope Hotel](#). The 2022 CQ Contest Hall of Fame inductees will be announced. The dinner is on Saturday, May 21, starting with a social hour at 5:30 PM and dinner to follow. Seating is random, and tables are set in rounds of 10. No tickets will be for sale at the

door. [Tickets](#) are now available for the 32nd Dayton Top Band Dinner as well. The event is on May 20 at the Hope Hotel. A social hour is at 6 PM, with dinner to follow at 7 PM. The [Contest Super Suite](#) will take place May 18 - 21 at the Hope Hotel. It includes four nights of Top Band, DX, and contesting hospitality. Contest University ([CTU](#)) will take place at the Hope Hotel on May 19, 7 AM until 5 PM, in association with Dayton Hamvention®. The SouthWest Ohio DX Association (SWODXA) will sponsor the DX Dinner on Friday, May 20, at the Dayton Marriott, 1414 S. Patterson Boulevard in Dayton. [Tickets](#) and details are available. -- *Thanks to Tim Duffy, K3LR*

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## ARES Resources

- [Download the ARES Manual \[PDF\]](#)
- [ARES Field Resources Manual \[PDF\]](#)
- [ARES Standardized Training Plan Task Book \[Fillable PDF\]](#)
- [ARES Standardized Training Plan Task Book \[Word\]](#)
- [ARES Plan](#)
- [ARES Group Registration](#)
- [Emergency Communications Training](#)

The Amateur Radio Emergency Service® (ARES) consists of licensed amateurs who have voluntarily registered their qualifications and equipment, with their local ARES leadership, for communications duty in the public service when disaster strikes. Every licensed amateur, regardless of membership in ARRL or any other local or national organization is eligible to apply for membership in ARES. Training may be required or desired to participate fully in ARES. Please inquire at the local level for specific information. Because ARES is an amateur radio program, only licensed radio amateurs are eligible for membership. The possession of emergency-powered equipment is desirable, but is not a requirement for membership.

How to Get Involved in ARES: Fill out the [ARES Registration form](#) and submit it to your local Emergency Coordinator.

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# Ohio Public Private Partnership

## Special Advisory from CISA

Dear partners,

Due to the prolonged conflict in Ukraine, there is an increased concern of cyber attacks on US critical infrastructure. Ohio Homeland Security (OHS), the Federal Bureau of Investigation (FBI), and the Cybersecurity and Infrastructure Security Agency (CISA) want to remind you of the information below. Please be sure to review for situational awareness, and feel free to share with others in your organization.

OHS posts cybersecurity advisories and tools to the [Communication & Information Management System \(CIMS\)](#) as soon as they are received. IT teams are strongly encouraged to review several recent Cybersecurity Advisories (CSA) found on the [CIMS](#) platform and take appropriate action.

### **Geopolitical Tension and Increasing Critical Infrastructure Cybersecurity Awareness**

As a Nation, we are watching with increasing concern the heightened tensions between Russia and Ukraine. While there are not currently any specific credible threats to the U.S. homeland, we are mindful of the potential for the Russian government to consider escalating its destabilizing actions in ways that may impact others outside of Ukraine. Specifically, we are watchful for any malign activity targeting American Critical Infrastructure.

CISA continues to lean forward to inform our industry partners of potential threats—part of a paradigm shift from being reactive to being proactive. On January 11, 2022, we released [a joint cybersecurity advisory](#) with the FBI and NSA about the Russian threat to U.S. critical infrastructure, including specific tactics, techniques, and procedures associated with Russian actors. We followed this advisory with an [executive-level product](#) urging every organization to take urgent, near-term steps to reduce the likelihood and impact of a potentially damaging compromise. We maintain a [dedicated public webpage](#) providing an overview of the Russian government's malicious cyber activities as well as all our advisories and products on Russian state-sponsored cyber threats, to include the recent

advisory on known tactics, techniques, and procedures used by Russian state-sponsored cyber actors.

We strongly encourage all organizations to review and take advantage of the following resources:

- **Shields Up** – CISA launched a new [Shields Up webpage](#) that provides actionable information on urgent steps to harden systems given the heightened threat environment.
- **Pro Bono Services** – CISA recently launched a [new catalog of free cybersecurity services](#) from CISA, the open-source community, and our private sector partners in the Joint Cyber Defense Collaborative. The catalog is designed to help under-resourced organizations improve their security posture.
- **Mis-, dis-, Malinformation (MDM)** – CISA released a *CISA Insights* titled, [Preparing for and Mitigating Foreign Influence Operations Targeting Critical Infrastructure](#), which provides critical infrastructure owners and operators with guidance on how to identify and mitigate the risks of influence operations using MDM narratives from steering public opinion and impacting National Critical Functions and critical infrastructure.

We also encourage organizations to remain vigilant and lower the threshold for reporting. If you believe that your jurisdiction, or a critical infrastructure partner, has experienced a cyber intrusion, please report incidents and anomalous activity to us at CISA.

By utilizing the services above, all organizations can make near-term progress toward improving cybersecurity and resilience. As the nation's cyber defense agency, CISA is available to help organizations improve cybersecurity and resilience, including through cybersecurity experts assigned across the country. In the event of a cyber incident, CISA is able to offer assistance to victim organizations and use information from incident reports to protect other possible victims.

## "We Will Have Hamvention," General Chairman Pledges

In case you missed the earlier announcement, Dayton Hamvention® 2022 is on, Hamvention General Chairman Rick Allnutt, WS8G, said this week. He said many Hamvention volunteers attended the recent Orlando HamCation in Florida and were encouraged to see so many friends at the show.

"The aisles were full of people, the vendors appeared pleased with the brisk business, and the Hamvention booth was bombarded with well-wishers and folks with one question on their mind -- 'Are you going to have Hamvention this year?'" Allnutt said it's been a pleasure to assure everyone that Hamvention 2022 is a go.

Many Hamvention tickets were sold at the pre-show price and are also available on the Hamvention website. Hamvention, an ARRL-sanctioned event, will be held May 20 - 22, at the Greene County Fairgrounds and Expo Center in Xenia, Ohio.

Allnutt noted that he and Michael Kalter, W8CI, were interviewed in a DX Engineering YouTube video on February 22 and unveiled the official logo for Hamvention 2022. This year's theme, "reunion,"



**Hamvention General Chair Rick Allnutt, WS8G, in a DX Engineering interview. [Photo courtesy of DX Engineering]**

in 2022. "We don't consider it a competition [among shows]," Kalter said. "We're all working together to make amateur radio much better."

"It's [going to be] be wonderful," Allnutt told DX Engineering's Tim Duffy, K3LR.

Hamvention will also feature ARRL EXPO, a large assembly of ARRL-sponsored exhibits, activities, and representatives for ARRL programs and services. Several ARRL-sponsored presentations and forums will be given. Information will be posted to [www.arrl.org/expo](http://www.arrl.org/expo) as it

becomes available. Kalter also highly recommended attending Contest University (CTU) on May 19 at the Hope Hotel, which takes place on the Thursday before Hamvention, as an adjunct to the Hamvention experience.

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## Registration is Open for USA ARDF Championships

Registration is now open for the 21st USA Championships of Amateur Radio Direction Finding (ARDF), set for April 7 - 10, 2022. The competition will take place in Prince William Forest Park near Quantico, Virginia.

"Radio orienteers from all over the country, plus visitors from abroad, are invited to attend," said ARRL ARDF Co-coordinator Gerald Boyd, WB8WFK. "The competitive courses are open to anyone of any age, with or without an amateur radio license.

The results will help select who will be invited to fill positions on ARDF Team USA, which will travel to Serbia for the 2022 ARDF World Championships in September.

Wednesday, April 6, will be a practice day for equipment testing and a competitor briefing. From Thursday through Sunday, competitors will have the opportunity to compete in the sprint, foxoring, and classic courses on 2 meters and 80 meters. Awards for first through third places will be presented at ceremonies following the events.

Members of the Backwoods Orienteering Klub (BOK) will organize the 2022 USA Championships. All are experienced radio orienteers who organized the successful 2013 and 2019 national championships. The event director is Joseph Huberman, K5JGH, and the registrar is Ruth Bromer, WB4QZG.

The International Amateur Radio Union (IARU) sets ARDF championship rules. For scoring and awards, participants are divided into 12 age/gender categories. In the classic ARDF events, competitors start together in small groups made up of different categories. As they seek the "fox" transmitters, they navigate through the forest from the starting corridor to the finish line, a distance ranging between 4 and 12 kilometers (about 2.5 miles and 7.4 miles). They plot their direction-finding bearings on orienteering maps that show terrain features, elevation contours, and vegetation type.





**USA ARDF Championships  
Registrar Ruth Bromer, WB4QZG.**

"The USA ARDF Championships are open to anyone who can safely navigate the woods by themselves. A ham radio license is not required," Boyd emphasized. "In ARDF, personal navigation skills are important because each participant competes as an individual -- any teamwork or GPS map use is forbidden. Competitors bring their own direction-finding gear to the events, although extra gear is often available for loan from other attendees. Competitors may not transmit on the course, except in emergencies."

Information bulletin #2 contains the complete schedule, technical details, fees, rule variations, and more. An email reflector is available for Q&A with the organizers, as well as for coordinating transportation and arranging equipment loans.

Announcements, rules, organizer instructions, and more are available at the ARRL ARDF website. Basic information on international-style transmitter hunting is on the Homing In website, which includes equipment ideas for 2 meters and 80 meters, plus photos and stories from previous championships. -- *Thanks to Joe Moell, K0OV*

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## Club Corner

This is YOUR corner of the newsletter. Send me what your club is doing and I'll make sure that it gets in. Got a special event or club project that you want everyone to know about? Send it to me! Need help with a project? Send it to me.

Let me know what you club is up to. Are you going to have a special guest at your meeting or are you having a special anniversary?

Just sent it to: [webmaster@arrl-ohio.org](mailto:webmaster@arrl-ohio.org) **Please! Format as below:**

If you want me to publish your club information, or even an article you have written, please send it in WORD format (.docx). Please use Times New Roman font size 12 for the body of the article. Any photos please include as a .jpg or .bmp – the time you save me in doing all the conversions will be greatly appreciated.



## KCLE Doppler Radar Down for Maintenance

Beginning Monday, March 7, 2022 the WSR-88D [Doppler Radar] in Cleveland will be down for approximately two weeks for important software upgrades and maintenance to the radar pedestal.

Radar coverage is available from adjacent radar sites, including KDTX - Detroit  
KPBZ - Pittsburgh, and KBUF - Buffalo.

de Gregg Gary – WB8YYS

## How to Plan and Apply for an ARRL Hamfest or Convention

If your amateur radio club is planning to host a convention, hamfest, tailgate, or swapfest, please consider applying for ARRL sanctioned status for your event. To learn what it means to be an ARRL sanctioned event, and to get some ideas on how to prepare for and conduct a hamfest or convention, visit [www.arrl.org/arrl-sanctioned-events](http://www.arrl.org/arrl-sanctioned-events).

To apply for ARRL sanctioned status for your event, go to [www.arrl.org/hamfest-convention-application](http://www.arrl.org/hamfest-convention-application).

The ARRL Hamfests and Conventions Calendar can be found online at [www.arrl.org/hamfests](http://www.arrl.org/hamfests). In addition, the Convention and Hamfest Calendar that runs in *QST* each month also presents information about upcoming events.

## Go Fully Electronic in 2022!

By Maria Somma, AB1FM, ARRL VEC Manager

### **Online Examinations and Remote Testing**

Your club's VE team can become part of the fun and excitement of remotely administered Online Examinations.



The remote exam sessions are conducted using an online video conferencing platform and a web-based examination system with on-screen tests. ARRL VE teams have had the option to be completely electronic since June 2020 by using online exams. The online exams can also be utilized at in-person sessions automating most of the process, for a fully electronic in-person session experience.

VE teams have been using the [Exam.Tools](#) Online Examination system for remote video and in-person sessions. Over 25,000 applicants have been tested through the Online Examinations system in the past two years. The system works well for online or printed examinations and includes registering and tracking candidates throughout the

session, on screen exams and grading, online signing of CSCE and 605 forms by the candidate and examiners, logging and compiling session stats and VE participation list (test report summary), and output files for upload to the coordinating VEC. The program manages and handles almost everything needed to conduct a test session. Time and experience with in-person exam sessions is invaluable when transitioning to remote video-supervised online exam sessions.

Interested ARRL VE teams must contact the [VEC department](#) to receive the online exams instructions and remote video session procedures.

Not a VE? Become one today!

Visit <http://www.arrl.org/become-an-arrl-ve>

### **Electronically File Exam Session Documents for Quicker Service**

After the session has concluded, VE teams can upload in-person documents or remote video session files via ARRL VEC's secure web page (program service option since 2018).

New and upgraded licenses are issued within 1 to 2 business days for weekend sessions and are usually issued on the same day for weekday sessions.

Please contact the [VEC department](#) for the information and instructions on electronically filing exam session documents through our upload page. Authorized VEs will be sent the upload page URL which, is hidden from the public.

### **Resources for ARRL VEs**

The [ARRL VEC VE Resources](#) page offers the information you will need to help conduct exam session business. Our support page offers easy access to session forms and information, online examinations, remote video session instructions, VE Manual supplemental information, FCC rules, basic qualification question procedures, and much more. There is also some helpful information for the community, such as preparation resources for candidates, in-person and remote video exam session search, vanity call sign information, and more.

The ARRL VE Newsletter relays important updates relating to FCC rule or policy changes, exam session document or procedural changes, video sessions, and other topics. VEs can sign up for the newsletter at <https://reflector.arrl.org/mailman/listinfo/ve-list>

## VE Sessions

**All Things Amateur Radio Association (ATARA)** We host testing sessions every second Tuesday of the month to sign up please visit our website <https://atara-w8atr.fun> and contact us at [hamexams@atara-w8atr.fun](mailto:hamexams@atara-w8atr.fun). Our next testing session is March 8, 2022.

### **CARS**

VE testing from CARS - Cuyahoga Amateur Radio Society - at Elmwood Recreation Center, 6200 Wisnieski Parkway in Independence, Ohio 44131 Time: 9:15 AM (Walk-ins allowed) Always the 2nd Sunday of the odd month. Go to CARS [www.2cars.org](http://www.2cars.org) for detailed map of location. Call Metro W8MET 216-520-1320 for details

### **Dayton Amateur Radio Association (DARA)**

If you are interested in testing for a new or upgraded license, please come see us at the DARA Clubhouse. If you have questions about testing, please email [exams.w8bi@gmail.com](mailto:exams.w8bi@gmail.com)

### **Highland Amateur Radio Association**

Next testing session is February 19<sup>th</sup>. 9:00 am – 12:00 am at the Highland County EMA 1487 N High St. Hillsboro, OH 45133. You can get more information and register for your exam at:

<https://www.signupgenius.com/go/10C0D48ADAC23A7FEC16-hara7>

VE's are also needed for the exam, please contact John Levo: [jlevo@cinci.rr.com](mailto:jlevo@cinci.rr.com)

### **The Lake County Amateur Radio Association**

The Lake County Amateur Radio Association is once again holding its **2022** Amateur Radio license exams at the **Kirtland Library**, 9267 Chillicothe Road, on the following dates:

Saturday, February 5, April 2, June 4, August 6, October 1, and December 3.

The tests will start at **12 noon**. Please arrive a few minutes earlier.

### **The Lancaster and Fairfield County Amateur Radio Club (LFCARC)** hosts exam sessions at

the FAIRFIELD County EMA, 240 Baldwin Dr in Lancaster Ohio, 43130, on the first Saturday each month at 10:00 am. Please visit our website at <http://www.k8qjk.org> for exam dates on our calendar and navigate to our Learning Center/Taking the Exam link for information and requirements. Our experienced VE team looks forward to serving the Amateur Radio community in Central Ohio. Contact me at [ve\\_testing@k8qjk.org](mailto:ve_testing@k8qjk.org) to register.

**The Milford Amateur Radio Club (MARC)** is now doing VE testing on the third Thursday of each month at 6:00 PM. Location; Miami Township Civic Center located at 6101 Meijer Drive, Milford, OH 45150.

Please pre-register at [www.milfordhamradio.org](http://www.milfordhamradio.org)

### **Portage County Amateur Radio Service (PCARS)**

The first Saturday of every even numbered month -10 am – at the PCARS club site in Ravenna. Please visit the PCARS web site and check out the information about VE testing in the latest newsletter at [www.portcars.org](http://www.portcars.org) .

If you have any questions, don't hesitate to contact me at [KB8UUZ@gmail.com](mailto:KB8UUZ@gmail.com)

**US Coast Guard Auxillary** March 12, 2022 at 0900 (local) at the Shrine Building, 6401 Fruit St. Huntsville, OH 43238. For more information contact Michael Robinson – KI0DE at 614-734-4369 [msrobin1980@gmail.com](mailto:msrobin1980@gmail.com)

## **Your Club news should be listed here!**

I know you're out there doing things! Send me a write-up (MSWord please) and some photo's (.jpg please) and we'll get your club hi-listed here for the other OH Section Clubs to see! Send to [WB8LCD@ARRL.ORG](mailto:WB8LCD@ARRL.ORG)

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DX This Week – RBN

Bill AJ8B ([aj8b@arrl.net](mailto:aj8b@arrl.net), @AJ8B, or [www.aj8b.com](http://www.aj8b.com))  
CWOPs Member #1567

Entities that were spotted in the Midwest included Alaska, Algeria, Argentina, Austria, Azores, Balearic Islands, Belgium, Belize, Bosnia-Herzegovina, Bulgaria, Canary Islands, Cayman Islands, Ceuta & Melilla, Chile, Croatia, Curacao, Cyprus, Czech Republic, Denmark, England, Estonia, Faroe Islands, Fed. Rep. of Germany, Finland, France, Gibraltar, Guernsey, Hungary, India, Indonesia, Ireland, Isle of Man, Italy, Jersey, Liechtenstein, Lithuania, Maldives, Mali, Malta, Martinique, Moldova, Morocco, Namibia, Nepal, Netherlands, North Macedonia, Norway, Poland, Portugal, Puerto Rico, Sardinia, Scotland, Serbia, Seychelles, Sicily, Slovenia, Spain, St. Barthelemy, Suriname, Sweden, Switzerland, Turks & Caicos Islands, United States, and the US Virgin Islands. Did you get any All-Time New Ones? (ATNO)

I have several items to cover this week. Of course, the weekly QSL cards received. Don't be shy...send me cards that you received, and I will get them out there!



Speaking of cards, N8DX, Jack, the manager of the 8<sup>th</sup> area QSL bureau, told me that I had a box of cards waiting for me. I will process them and get them out. Make sure that have envelopes and postage on file with your letter bureau manager.

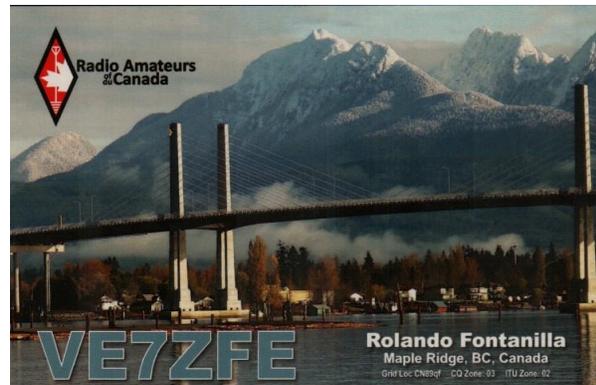
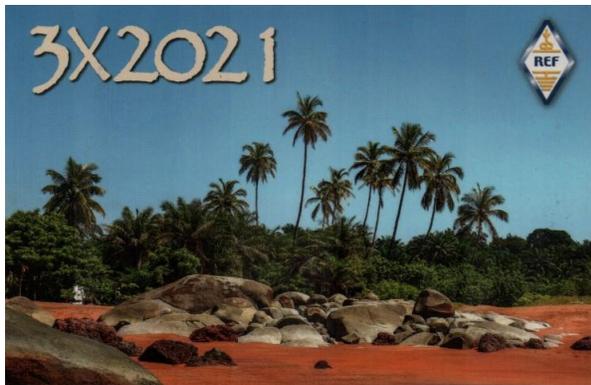
Joe, W8GEX, took advantage of his COVID quarantine to finally go through 20+ years of cards and what did he find? Look ahead and you will see! Congrats to Joe for several milestones.

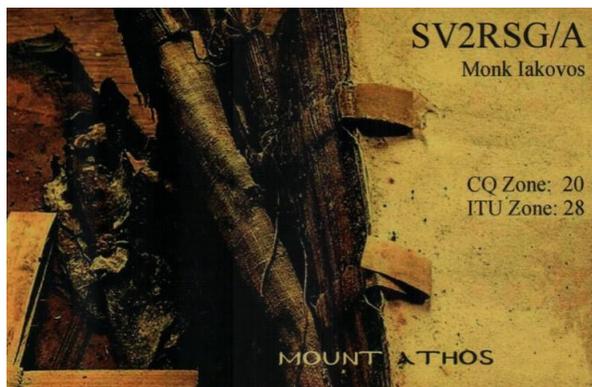
Jay, K4ZLE, gave me permission to reprint his excellent article on the Reverse Beacon Network. This is a timely reminder as spring is on the way and you may be putting up some antennas and want to test them. The RBN is a great tool for doing that. Thanks Jay!

There is a press release regarding the Southwest Ohio DX Association DX Dinner®. It does appear that the dinner and Hamvention® are going to happen. The Orlando Ham Cation had the best attendance in years so maybe we will to.

Finally, I talked to Uncle Frank this week. It has been a while, but I wanted to see how propagation has been treating him in the Grand Rapids area. Seems he is putting his formidable RF debugging skills and knowledge to good use and is fixing “older” tube type radios. He has more business than he knows what to do with. Frank was the “Emmitt’s Fix-It Shop” in college and it has continued. If you need help getting a piece of gear to work, just drop me a line. This is not an ad, but more of a public service announcement!

I received several nice cards this week including 3X2021 from Guinea, VE7ZFE – Rolando from Maple Ridge in British Columbia, 5N6/YL2SW – Valery in Nigeria, OD5ET – Joe in Lebanon, and I finally joined the Mount Athos Club by receiving SV2RSG/A. Let me know what you worked!





DAH DIT DIT DIT DAH DAH DIT DIT DIT DAH

Congratulations to Joe, W8GEX, for achieving 10 Band DXCC, 10 Band WAS, and Honor Roll. COVID quarantine finally gave Joe the time to submit QSL cards and LoTW QSOs to earn the hardware. This is the culmination of over 30 years of chasing and being DX. Joe proudly says “Icom all the Way”. I think that operator skill had something to do with it! Well done!



## DAH DIT DIT DIT DAH DAH DIT DIT DIT DAH

In DX Club news, we have the following:

### **SWODA DX DINNER® ANNOUNCEMENT**

#### **FOR IMMEDIATE RELEASE**

The SouthWest Ohio DX Association (SWODXA) has announced that Dr. Scott Wright, KOMD, will be the keynote speaker at the 37th annual DX Dinner®. The dinner, held in conjunction with the 2022 Dayton Hamvention®, will be on Friday, May 20th, at the Marriott Hotel in Dayton.

Scott will present the “High C’s of DXing – Operating in The Caribbean, Chile, and China”. Scott has been licensed for 45 years and is a life member of the ARRL and its’ Maxim Society. He retains membership in RSGB, CDXC, CWops, A1 Operator Club, MWA and TCDXA. He has also served as the president of the Rochester DX and Context Club.

Scott was Editor of National Contest Journal (NCJ), 2018-2019-2020. He has had Contest operations from: China (B1Z), Chile, Uruguay, Turks and Caicos.

Scott’s numerous DX awards include 7-Band DXCC, WAZ + Diamond Jubilee WAZ, CQ WPX Award of Excellence, CQ 5 Band WAZ, ARRL WAS (8 bands), ARRL Triple Play award, ARRL WAC, and 323 DXCC entities worked.

His Contesting Awards include # 1 Asia - CQ WPX CW 2007 as part of B1Z M-M team, #1 Chile - CQ WW CW 2009 – SOAB, #1 World - ARRL DX SSB with W0GJ and WA0MHJ as VP5H in the multi-single HP category, Several W0 #1 scores in NAQP SSB and #2 US SOSB CQ WPX CW 20 meters.

Professionally, Scott has been a leader in the fight against COVID 19 from the Mayo Clinic where he is a Professor of Medicine and an academic cardiologist. His research and international teaching invitations have provided many opportunities for travel and radio operation globally.

For more information and to order dinner tickets, visit

[WWW.SWODXAEVENTS.ORG](http://WWW.SWODXAEVENTS.ORG) and follow us on Twitter (@SWODXA).

## DAH DIT DIT DIT DAH DAH DIT DIT DIT DAH

In a previous column I referenced the Reverse Beacon Network and said we might examine it as a tool to help you work DX at a future time. The time has arrived. Below is an article by Jay, K4ZLE. This previously appeared in the DX Magazine as well as the SWODXA newsletter. It is reprinted here with the permission of K4ZLE

The Reverse Beacon Network (RBN) is a direct byproduct of the CW Skimmer software by Alex Shovkopyas, VE3NEA<sup>1</sup>. The RBN website URL is:

<http://www.reversebeacon.net/index.php> and quoting from the website, “The Reverse Beacon Network is a revolutionary new idea. Instead of beacons actively transmitting signals, the RBN is a network of stations listening to the bands and reporting what stations they hear, when and how well. “A network of stations all over the world are actively listening with software defined radios (SDRs) with Alex's CW Skimmer software keying on any station calling CQ or TEST. When it encounters such a signal it reports certain data to a central server. Below is a screen shot of the results of me sending TEST or CQ on several bands/frequencies.

REVERSE BEACON NETWORK

welcome main dx spots skimmers downloads about contact us

show/hide my last filters

showing spots for DX call: K4ZLE rows to show: 20

search spot by callsign

de	dx	freq	cq/dx	snr	speed	time
NZ1U	K4ZLE	7026.5	CW CQ [LoTW]	36 dB	24 wpm	2115z 03 Dec
SV9/IV3NOB	K4ZLE	7026.5	CW CQ [LoTW]	4 dB	23 wpm	2115z 03 Dec
VE9BWK	K4ZLE	7026.5	CW CQ [LoTW]	31 dB	23 wpm	2115z 03 Dec
WB2LSI	K4ZLE	7026.5	CW CQ [LoTW]	29 dB	23 wpm	2115z 03 Dec
F5MUX	K4ZLE	7026.5	CW CQ [LoTW]	30 dB	23 wpm	2115z 03 Dec
K3LR	K4ZLE	7026.4	CW CQ [LoTW]	49 dB	23 wpm	2115z 03 Dec
VE9BWK	K4ZLE	7022.4	CW CQ [LoTW]	34 dB	24 wpm	2114z 03 Dec
KQ8M	K4ZLE	7022.4	CW CQ [LoTW]	42 dB	24 wpm	2114z 03 Dec
WB2LSI	K4ZLE	7022.5	CW CQ [LoTW]	21 dB	23 wpm	2114z 03 Dec
F5MUX	K4ZLE	7022.5	CW CQ [LoTW]	28 dB	24 wpm	2114z 03 Dec
K3LR	K4ZLE	7022.4	CW CQ [LoTW]	44 dB	24 wpm	2114z 03 Dec
KQ8M	K4ZLE	10107.6	CW CQ [LoTW]	34 dB	27 wpm	2102z 03 Dec

From the RBN site you can see where you are being heard, and how well you are being heard. Note on 40 m, that I changed frequency slightly. Also note that there was not a 100% correlation between stations that heard me and received signal strength between the two frequencies although there was only a minute between transmissions. Regardless, one can get a snapshot of exactly what areas of the world they are being heard and how well. When I did this

test, there were 98 Skimmers online. At any given time, you can see a list of online stations on the index page of the RBN website. Since you can see what listening stations are on, you can turn your beam toward a target area and determine how well you are being received. Imagine real time info!

RBN can also be used to provide information to you about what stations are being heard. Unlike the normal cluster network that relies on manual input, the RBN relies on copying a CQ or TEST message. So, if a station is not sending CQ or TEST they are not reported by the RBN system. However, the reverse is not true. Certain stations, W3LPL-3 being the prime 'culprit', process the RBN data and send spots on the regular cluster network. These spots are reported with a line like, "Heard in MD".

You can also use the RBN website to compare your signal with up to 10 other stations. This is done through the online Spots Analysis Tool, accessible from the RBN main page. This could help you guess your anticipated performance by comparing your relative signal to noise figure with another station close to you. If he has a 4 el beam at 120 feet and you have your tribander at 65 feet you know you will be down a bit in signal strength compared to him. The station you are comparing to does not have to be close. If your SNR is say 20 db and that of a station you are comparing to is also 20 db and he works the intended station, you know you too should have a reasonable shot at doing likewise. By the way, you cannot make a direct conversion from the reported SNR to an S-meter equivalent. However, the SNR number is still useful for relative comparisons.

In the Nov/Dec 2013 National Contest Journal (NCJ), there is an article by ZL2HAM on doing pre-contest propagation planning with data from the RBN. The same principal or process applies to doing propagation planning for working a given DXpedition. Sure, you can use other propagation prediction programs, but in my estimation, the subject software of this article will provide data that is closer to real time and be of more tactical value than that obtained from those other programs. I have not put the software to the test yet, but plan to do so soon. Maybe one of you can do the deed and report in this magazine how it really works. The software is called ViewProp. You may find out more about it in the article and at <http://zl2ham.wikispaces.com> .

While mentioning the NCJ I encourage new DXers to give contesting a whirl. You can build up your DXCC totals quickly by working contests and contesters really are more like kissing cousins than illegitimate half-brothers and half-sisters! Once you learn to 'run' vs. search and pounce, you are on your way to running a DX pileup from the short side. Each issue of the NCJ has operating tips that apply equally to DXing as they do to contesting. "Give instruction to a wise man and he will be yet wiser<sup>2</sup>." The NCJ is a good source of wise instruction.

<sup>1</sup> See Alex's website at <http://www.dxatlas.com> He has some really neat programs, some of which are freeware and some require a small stipend.

<sup>2</sup> Proverbs 9:9, The Bible, ASV

CQDX CQDX CQDX CQDX CQDX CQDX CQDX CQDX CQDX

Here is an update from Bernie, W3UR, of the DailyDX and the WeeklyDX, the best source for DX information. <http://www.dailydx.com/> . Bernie has this to report:

**FK - New Caledonia** - F5NHJ, Jean-Louis, travels to New Caledonia April 1, for a stay until June 7. He is watching the Ukraine situation in case it has an effect on the plans, with his flight leaving Finland on FINNAIR and flying over Russia. The gear is an IC-7100 to a vertical, inverted-L and "Pac-12 dipole." He plans to be on CW, SSB and data. Jean-Louis will visit his son, a permanent resident of Noumea City on the Pacific island.

**Z6 – Kosovo** - Z61EK, Enver Kurteshi, is a newly licensed ham from Prishtine, Kosovo. Not being able to take the exams in his home country Enver took US license exams in California, passing "all three levels" and getting the call AJ6VK on January 19th. Upon returning to his homeland he applied for a Z6 license from the Autoriteti Rregullativ I Komunikimeve Elektronike dhe Postare (ARKEP), who recognized his FCC license. Enver received his Z61EK call on March 1st. The Z61EK station has an IC-7300. Enver lives in an apartment and is "still struggling to set up a decent antenna". He recognizes the support and help from OH2BH, Martti; Z62FB, Fehmi; and Z61VB, Vjollca; as they trained, helped study, arranged exams and displayed that "Amateur Radio spirit"

**5U – Niger** - Thanks to the help of F4IHM (5UAIHM), Adrien, IU5HWS, Giorgio, has received his 5UA99WS callsign. He began operations on March 3rd and will continue through March 20, with future trips expected. QSL via EA5GL. IK5SRF will post the QSOs to LoTW.

## DAH DIT DIT DIT DAH DAH DIT DIT DIT DAH

# CONTEST CORNER

Below is a list of upcoming contests in the “Contest Corner”. I think this is important for someone who is trying to move up the DXCC ladder since entities that are on the rarer side and easiest to work in contests. Some of my best “catches” have been on the Sunday afternoon of a contest when the rarer entities are begging for QSOs. Of course, the gamble is that if you wait until Sunday, conditions may change, or they simply won’t be workable. However, it is not a bad gamble. Of course, why not work the contest and have some fun!

Check out the WA7BNM Contest Calendar page (<https://www.contestcalendar.com/>) and CQ Magazine for more contests or more details.

The contests in **red** are those that I plan to spend some significant participation time on. PLEASE let me know if you are working contests and how you fared.

Thanks!

Mar. 16	RSGB 80m Club Championship, CW	<a href="https://bit.ly/31qpcJl">https://bit.ly/31qpcJl</a>
Mar. 19	AGCW VHF/UHF Contest	<a href="https://bit.ly/3lw91PK">https://bit.ly/3lw91PK</a>

Mar. 19	PODXS 070 Club St. Patrick's Day Contest	<a href="http://bit.ly/38ugUiF">http://bit.ly/38ugUiF</a>
Mar. 19-20	Virginia QSO Party	<a href="https://bit.ly/31eqHvl">https://bit.ly/31eqHvl</a>
Mar. 19-20	SARL VHF/UHF Analogue Contest	<a href="http://bit.ly/H0IqQf">http://bit.ly/H0IqQf</a>
<b>Mar. 19-20</b>	<b>Russian DX Contest</b>	<a href="http://www.rdx.org/asp/pages/rulesg.asp">www.rdx.org/asp/pages/rulesg.asp</a>
<b>Mar. 19-21</b>	<b>BARTG HF RTTY Contest</b>	<a href="http://bartg.org.uk/wp/contests">http://bartg.org.uk/wp/contests</a>
Mar. 20	UBA Spring Contest 80m SSB	<a href="http://bit.ly/2KKAtb9">http://bit.ly/2KKAtb9</a>
Mar. 24	RSGB 80m Club Championship, SSB	<a href="https://bit.ly/31qpcJl">https://bit.ly/31qpcJl</a>
<b>Mar. 26</b>	<b>FOC QSO Party</b>	<a href="http://www.g4foc.org/qsoparty">www.g4foc.org/qsoparty</a>
Mar. 26-27	Veron SLP Contest	<a href="http://bit.ly/2L9eT1L">http://bit.ly/2L9eT1L</a>
<b>Mar. 26-27</b>	<b>CQWW WPX SSB Contest</b>	<a href="http://www.cqwp.com">www.cqwp.com</a>
Mar. 27	UBA Spring Contest 6m CW/ Phone	<a href="http://bit.ly/2KKAtb9">http://bit.ly/2KKAtb9</a>
Mar. 28	RSGB FT4 Contest Series	<a href="https://bit.ly/31qpcJl">https://bit.ly/31qpcJl</a>
Mar. 30	UKEICC 80m Contests CW	<a href="https://ukeicc.com/80m-rules.php">https://ukeicc.com/80m-rules.php</a>
<b>May 28-29</b>	<b>CQWW WPX CW Contest</b>	<a href="http://www.cqwp.com">www.cqwp.com</a>

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## ARLD009 DX news

This week's bulletin was made possible with information provided by EA4NF, The Daily DX, the OPDX Bulletin, 425 DX News, DXNL, Contest Corral from QST and the ARRL Contest Calendar and WA7BNM web sites.

Thanks to all.

TOGO, 5V. Andy, KB9IJI is QRV as 5V7JA and has been active using FT8 on 30 and 20 meters, typically around 2100z to 0230z. QSL to home call.

UGANDA, 5X. Alan, G3XAQ will be QRV as 5X1XA from Kampala from March 7 to 14. Activity will be on 80 to 10 meters with a focus on the RSGB Commonwealth Contest. QSL direct to home call.

MALAWI, 7Q. Dan, K6ZO is QRV as 7Q6M until March 13. This includes being an entry in the ARRL International DX SSB contest. QSL to home call.

BARBADOS, 8P. Charles, 8P6ET will be QRV as 8P1W in the ARRL International DX SSB contest as a Single Op/All Band/Low Power entry. He plans to also be active in the upcoming CQ World Wide WPX SSB contest. QSL via KU9C.

CUBA, CO. Members of the radio club of Sancti Spiritus and the radio club of Trinidad and Cabaiguan will be QRV as T46SB from March 8 and 9 to activate a SOTA reference in the La Sabina-Banao Reserve. Their activity is to celebrate the first radio broadcast from Tuinicu 99 years ago and also International Women's Day. QSL via RW6HS.

FEDERAL REPUBLIC OF GERMANY, DA. Special event station DA22WARD is QRV until April 30 to celebrate World Amateur Radio Day, which is on April 18. QSL via bureau.

CANARY ISLANDS, EA8. Philippe, EA4NF is QRV as EA8/EA4NF from Hierro Island, IOTA AF 004, until March 6. Activity is on various FM and Linear LEO satellites from very rare Grid Squares IL07 and IL17. QSL via LoTW.

ST. BARTHELEMY, FJ. Andreas, DK6AS is QRV as FJ/DK6AS and has been active on 40, 17, 15, 12, and 10 meters using CW generally from 1100 to 2330z. QSL direct to home call.

AUSTRAL ISLANDS, FO. Jacek, SP5EAQ is QRV as FO/SP5EAQ from Rimatara Island, IOTA OC-050, for four weeks. Activity is on 80 to 10 meters using SSB. This includes being active as TX5AQ in the upcoming CQ World Wide WPX SSB contest. QSL to home call.

CURACAO, PJ2. Andy, DK5ON is QRV as PJ2/DK5ON until March 17. Activity is on 160 to 6 meters using CW, SSB, and various digital modes. He will also be active in the ARRL International DX SSB contest. QSL to home call.

SABA, ST. EUSTATIUS, PJ5. Frank, K3TRM will be QRV as PJ5/K3TRM from Sint Eustatius, IOTA NA-145, from March 6 to 12. He will be active on 40 to 10 meters using SSB, RTTY, FT8, and on various satellites. QSL to home call.

ANTIGUA, V2. Bud, AA3B is QRV as V26K until March 10. Activity is on the HF bands using CW. This includes being active as a Single Op/High Power/All Band/Unlimited entry in the ARRL International DX SSB contest. QSL via LoTW.

TURKS AND CAICOS ISLANDS, VP5. Dave, K0KQ will be QRV as VP5/K0KQ from Grand Turk Island, IOTA NA-003, from March 7 to 21. Activity will be on the HF bands. QSL via LoTW.

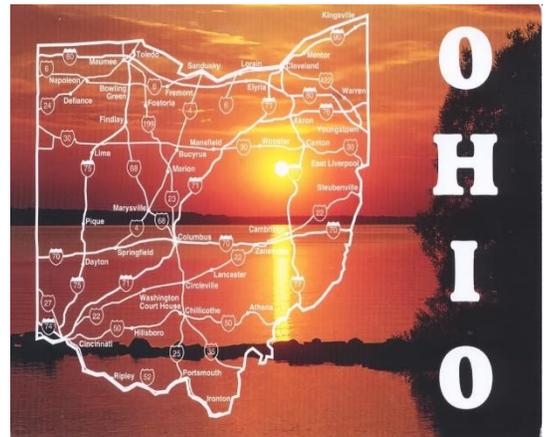
The OK1WC Memorial, RSGB 80-Meter Club Data Championship, Worldwide Sideband Activity Contest, ARS Spartan CW Sprint, RTTYOPS Weeksprint, QRP 40-Meter CW Fox Hunt, Phone Weekly Test, A1Club AWT, CWops Test, VHF-UHF FT8 Activity Contest, Mini-Test 40 CW and Mini-Test 80 CW are all on tap for March 7 to 9.

Please see March QST, page 72, and the ARRL and WA7BNM Contest web sites for details.

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## Upcoming *Hamfests*

We **DO** have some hamfests scheduled for 2022!! Yes, take a good look at the list.



# Ohio Hamfests

## 2022

**03/12/2022 - [MOVARC Hamfest](#)**

**Location:** Bidwell, OH

**Sponsor:** Mid-Ohio Valley Amateur Radio Club

[Learn More](#)

**03/13/2022 - [Winter Hamfest](#)**

**Type:** ARRL Hamfest

**Sponsor:** Northern Ohio Amateur Radio Society

[Learn More](#)

**03/20/2022 - [Toledo Mobile Radio Association Hamfest](#)**

**Canceled**

**04/09/2022 - [Sixty-Sixth Cuyahoga Falls Amateur Radio Club Hamfest](#)**

**Location:** Cuyahoga Falls, OH

**Sponsor:** Cuyahoga Falls Amateur Radio Club, Inc.

**Website:** <http://www.cfarc.org/hamfest.php>

[Learn More](#)

**04/24/2022 - [Athens Hamfest](#)**

**Location:** Athens, OH

**Sponsor:** Athens County Amateur Radio Association

**Website:** <http://www.ac-ara.org/>

[Learn More](#)

**04/25/2022 - 04/29/2022 [RV Radio Network Spring Rally](#)**

**Location:** Millersburg, OH

**Sponsor:** RV Radio Network

**Website:** <http://rvradionetwork.com>

[Learn More](#)

**05/01/2022 - [Lucas County Amateur Radio Emergency Service Trunk Sale and Swap Meet](#)**

**Location:** Toledo, OH

**Sponsor:** Lucas County Amateur Radio Emergency Service

**Website:** <http://tinyurl.com/lcaresswap>

[Learn More](#)

**05/20-22/2022 - [Dayton Hamvention](#)**

**Location:** Greene County Fairgrounds, OH

**Sponsor:** Dayton Amateur Radio Association

**Website:** <https://hamvention.org>

[Learn More](#)

<p><b>06/04/2022 - <a href="#">FCARC Summer Hamfest</a></b>  <b>Location:</b> Wauseon, OH  <b>Sponsor:</b> Fulton County Amateur Radio Club  <b>Website:</b> <a href="https://k8bxq.org/hamfest">https://k8bxq.org/hamfest</a>  <a href="#">Learn More</a></p>	<p><b>07/09/2022 - <a href="#">Mansfield Mid Summer Trunkfest</a></b>  <b>Location:</b> Mansfield, OH  <b>Sponsor:</b> Intercity Amateur Radio Club  <b>Website:</b> <a href="http://www.w8we.org">http://www.w8we.org</a>  <a href="#">Learn More</a></p>
<p><b>07/17/2022 - <a href="#">Van Wert Hamfest</a></b>  <b>Location:</b> Van Wert, OH  <b>Sponsor:</b> Van Wert Amateur Radio Club  <b>Website:</b> <a href="http://W8FY.ORG">http://W8FY.ORG</a>  <a href="#">Learn More</a></p>	<p><b>08/13/2022 - <a href="#">Cincinnati Hamfest</a></b>  <b>Location:</b> Owensville, OH  <b>Sponsor:</b> Milford ARC  <b>Website:</b> <a href="https://CincinnatiHamfest.org">https://CincinnatiHamfest.org</a>  <a href="#">Learn More</a></p>
<p><b>09/17/2022 - <a href="#">Mound Amateur Radio Assoc. Swap Meet</a></b>  <b>Location:</b> Miamisburg, OH  <b>Sponsor:</b> MARA  <b>Website:</b> <a href="http://W8DYY.ORG">http://W8DYY.ORG</a>  <a href="#">Learn More</a></p>	<p><b>09/25/2022 - <a href="#">Cleveland Hamfest</a></b>  <b>Location:</b> Berea, OH  <b>Sponsor:</b> Hamfest Association of Cleveland  <b>Website:</b> <a href="http://www.hac.org">http://www.hac.org</a>  <a href="#">Learn More</a></p>

## Print an Official or Unofficial Copy of Your Amateur Radio License

(By Anthony Luscre, K8ZT)

As of February 17, 2015, the **FCC no longer routinely issues paper license documents** to Amateur Radio applicants and licensees. The Commission has maintained for some time now that the official Amateur Radio license authorization is the electronic record that exists in its Universal Licensing System (ULS). The FCC will continue to provide paper license documents to all licensees who notify the Commission that they prefer to receive one.



Licensees also will be able to print out an official authorization — as well as an unofficial “reference copy” — from the ULS License Manager. I’ve created a set of instructions on how you can request an “**official**” **printed copy of your license\***

[Click here to download the instructions](#)

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### *One Question Questionnaire*

!!!! I would really like to hear from as many of you as possible on this one. While I know what I think the answer is going to be, the bigger the sample, the more accurate a survey like this is likely to be.

How about going to <http://arrl-ohio.org> and giving me a click? (It’s in the bottom left corner of the page) I’ll have more to say about this in the next OH Section Journal!



*Do you have a mobile rig in your car?  
Yes / No*

From the last Poll: *Have you ever operated from a state or federal park?*

Out of 64 responses, 67.19% yes and 32.81% no.

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### Ohio Section Cabinet

Section Manager – Tom Sly, WB8LCD	Section Traffic Manager – David Maynard, WA3EZN
Section Emergency Coordinator – Stan Broadway, N8BHL	Section Youth Coordinator – Anthony Luscre, K8ZT
Technical Coordinator – Jeff Kopcak, K8JTK	Affiliated Clubs Coordinator – Tom Sly, WB8LCD
State Government Liaison – Bob Winston, W2THU	Public Information Coordinator – John Ross, KD8IDJ



Hey Gang,

Have you taken a look at the **Swap & Shop** page on the Ohio Section webpage yet?? Here's a link that will take you there... <http://arrl-ohio.org/sm/s-s.html>

Do you have equipment that you just don't need or want anymore? Here's a great venue to advertise it, and it's FREE!! Is your club doing a fund raiser to help raise money? After a lot of thought, it was decided that the Swap & Shop webpage could also contain these types of items as well. The same rules will apply as do for the For Sales and Give-A-Ways and will only be posted for a month at a time. Please see the Terms & Conditions on the webpage.

If your club is doing a fund raiser and wants more exposure, please forward the information to me and I'll advertise it on the Swap & Shop webpage for you.

Now, I still want to remind you that it won't be listed in this newsletter because it would take up way too much space, so your ad will only appear on the website. It is there for any individual to post equipment Wanted / For Sale or Give-Away as well as for Club Fund Raisers. No licensed vehicles/trailers or business advertising will be posted. Postings are text only (no pictures or graphics) will be posted for a maximum of 1 month from date posting and require a contact phone number or email within the posting. Send your Wanted / For Sale or Give-Away post to: [swap@arrlohio.org](mailto:swap@arrlohio.org)

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### ***Back Issues of the PostScript and Ohio Section Journal***

Hey, did you know that PostScript and Ohio Section Journal (OSJ) are archived on the website? You can go back and look at any edition simply by clicking:

<http://arrl-ohio.org/news/index.html>



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### ***Want to Share your Club Newsletter With Others?***

We have a webpage where you can download and read all of the newsletters that I get from around the state and even other sections!

Here's the link to the page.... [http://arrl-ohio.org/club\\_news/index.html](http://arrl-ohio.org/club_news/index.html)



Please, if you don't see your club newsletter posted, it's because I'm not receiving it. Just have your newsletter editor contact me and I'll get your club's newsletter listed on the site!!

We all learn and steal (I mean, share) from each other's work. So, get me your newsletter!!! Send it to: [webmaster@arrl-ohio.org](mailto:webmaster@arrl-ohio.org)

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### ***Chit – Chat, and All That!***

Do you know someone that's not getting these Newsletters? Please, forward a copy of this Newsletter over to them and have them “[Opt-In](#)” to start receiving them. Heck, just have them send an email to: [webmaster@arrl-ohio.org](mailto:webmaster@arrl-ohio.org) and we'll get them added to the Ohio Section Emailing list.



We now have many thousands of readers receiving these newsletters weekly. Quite impressive, I'd say! I urge all of you to make sure that everyone, regardless of whether they are a League member or not, get signed up to receive these weekly Newsletters.



You can always “Opt-Out” at any time if you feel this is not what you were expecting. It's fun and very informative. All of your favorite past newsletters are now archived too. You can go back at any time and read them.

Just go to: <http://arrl-ohio.org/news/>

The pictures on the front page and throughout this newsletter are from various newsletters, Facebook posts and/or were sent directly to me in recent weeks. Take a good look at them, you just might be in one of the pictures! “SMILE... you're in the Ohio Section News!!”



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*PostScript is produced as a weekly newsletter. I want to thank everyone that has contributed articles and ideas to make this an even better news source. I sincerely hope that you have enjoyed this edition and will encourage your friends to join with you in receiving the latest news and information about the Ohio Section, and news and events happening around the world!*