

PostScript
 Ohio
Section “January 22nd, 2024”

→ [National News](#)

→ [DX This Week](#)

→ [Upcoming Hamfests](#)

→ [VE Testing](#)

→ [Club Corner](#)

→ [Contest Corner](#)

→ [One Question Questionnaire](#)



CQ CQ CQ de WB8LCD

Shade, Ohio – the first Hamfest of 2024! Well done. Shade is a smaller fest, way down near the SE corner of Ohio. But, I can tell you, it wasn't as small as some of the rumors I've heard. At any one time the building was normally not crowded, but, people came, looked around, had some biscuits and gravy, spent some money, then went back to their busy lives.... So yeah, it wasn't crowded, but there was a steady flow of folks coming and going. Not a bad turnout at all, especially in light of the weather! I did see a whole bunch of stuff trading hands too. Check out "microphone alley"! By the time I took that photo, quite a few Mic's had left the table!



All in all, it was a good fest. Worth the trip! We've got an ever-growing list of fests coming up in Ohio, and I must insist that you attend (at least) 2 of them. First off, your local fest. Usually these are put on by the guys who are "doing" Ham Radio in your area. They need and deserve your support. Even if the gear you were hoping to get a good buy on doesn't appear, it's still a good opportunity to socialize and check out who's doing what in the local area. The next one that I insist on you attending is HAMVENTION! One of (if not THE) Largest Hamfests in the world, and it's right in your back yard. Out of my 50+ years as a ham, I know I've been there at least 35 times. And it never gets old. If you've heard about it, or read about it, it's there. Start

making your plans now, I'd like to see you there. This year, it will also be an ARRL National Convention, so there's going to be lots of stuff going on. It is the place to be in May!

Speaking of ARRL, from our Section Manager's Team's meeting last Tuesday, look for a few things to hit the streets. First off, an update to the "Club Commission" program for affiliated clubs. Starting this year, the club commission for a new ARRL membership is \$20, and renewal membership commissions are \$5. A good way to support both the national organization and your local club, all at the same time. Another way for clubs to support their membership is through certificates to recognize and encourage participation. These certificates are fillable PDF's that can be printed out and delivered locally, or saved as a file and emailed to the recipient. These include a "First Contact Certificate", an "ARRL Mentor Award" and a "Rag Chewer's Club" certificate. Again, a way to recognize and encourage your local hams!

The ARDC has made an additional pool of funds available for "Club Grants" again this year. More information will be forthcoming, but, we're told that the Grant Committee will be looking for proposals that will be "Transformational" in nature. Probably the best example I can give you of this would be ATARA's grant for an Amateur Radio learning trailer which has been fitted out with displays and presentations that are interactive to show the non-ham community about the science (and the Magic) involved in radio and give them a chance to put "hands-on" many of the concepts being illustrated. Since completed, this trailer has been deployed at several community events to showcase Amateur Radio and ATARA. "Thinking outside the box" will get you noticed!

Other programs are being created and fine-tuned. You'll be hearing more about them as we progress through 2024.

Don't forget the Ohio ARES VHF Contest next Saturday, January 20, 2024, and the District 10 ARES Conference (open to all Ohio Section ARES members) on February 17th. Information for both is further on down the pages here!

Fun: Go to the [O'Reilly Auto Parts website](#) and search for "121G." (Thanks Kim Komando!)

I received the following from Doug Farren – KE8TBX:

"I can remember laying in bed when I was a small child hearing my dad down in the basement calling CQ - "CQ CQ CQ This is WA0 Baker George Queen calling CQ and standing by". His old call sign from the 60's is etched in my mind. My dad and I are alot alike -- we were both ETs (Electronic Technicians) in the Navy (I was a nuke ET - ETN) and we are both software engineers. My parents separated when I was ten and money was tight so I never had the opportunity to pursue my license.

Growing up in a world and watching the internet become a world-wide thing I always wondered why people still sought after their ham licenses. Why bother with email, cell phones, social

networks, etc? My ignorance came to an end a few years ago. That was when I just happened to learn about ARES, Skywarn, and the large amount of community support that hams provide.

With retirement looming in the near future, I was searching for a purpose in life that would apply even when I have retired. I found it in ham radio. I studied and passed both the technician and general exams on the first try. Since then, I've joined a club and the local ARES group. I've completed the required FEMA courses and the Skywarn on-line classes and I've signed up for the in-person Skywarn training. I am looking forward to helping out the community by providing communications for an event.

I've found my retirement "job" -- supporting the community through ham radio. There's an old saying that if you retire to a life of a couch potato your mind will shrivel and you will shorten your life. Being a ham provides me with the ability to become part of a group of a close-knit group of people who enjoy talking to each other and enjoy supporting the community. The hobby also provides a never-ending opportunity for learning new things.

I can't think of a better thing to do in retirement.”

Share the Magic,

73,

Tom Sly - WB8LCD
Ohio Section Manager
wb8lcd@arrl.org
330-554-4650



When: The second Sunday of every month at 7:30 PM EST

Where: The K8IV repeater located in Kent, Ohio (EchoLink node K8BF-L) RF: 146.895 Mhz with PL 118.8

Who: Any licensed amateur radio operator who wishes to participate. Priority will be given to youth stations and those located in Ohio.

The purpose of this net is to encourage youth activity in amateur radio and to help new hams get more comfortable on the air.

*** Sunday February 11, 2024 ***

If you are a young ham, in the Ohio Section or elsewhere, please check in and say “Hello”! Even if you’re far away from OHIO you can check in via Echo-Link. Echo-Link is a good tool to have, and it can be accessed from your laptop, tablet or cellphone. But there is a process to get validated to the Echo-link system. It’s simple to do, but you need to get it done before the day of the net! Go to [Introducing EchoLink](#) for more information on getting started. If you’re an “Old Guy” (a gender neutral term meaning not a youthful operator) and you have some kids, grandkids, nieces, nephews or even some neighborhood kids who you would like to give a chance to talk to other kids about Ham Radio, this might be an excellent opportunity to give them that small nudge that could be the start of something positive they will carry with them through life!

National News

(from ARRL and other sources)



ARRL News Release No. 23-47
Dave Jordan, AA4KN
ARRL PR

FOR IMMEDIATE RELEASE

Message to US Educators **Amateur Radio on the International Space Station Contact Opportunity**

Call for Proposals **New Proposal Window is January 8, 2024–February 29, 2024**

January 8, 2024 --- The Amateur Radio on the International Space Station (ARISS) Program is seeking formal and informal education institutions and organizations, individually or working together, to host an Amateur Radio contact with a crew member onboard the ISS. ARISS anticipates that the contacts would be held between **July 1, 2024** and **December 31, 2024**. Crew scheduling and ISS orbits will determine exact contact dates. To maximize these radio contact opportunities, ARISS is looking for organizations that will draw large numbers of participants and integrate the contact into a well-developed education plan.

The deadline to submit a proposal is February 29, 2024. Proposal information and more details such as expectations, proposal guidelines and the proposal form can be found at www.ariss.org. An ARISS Introductory Webinar session will be held January 17, 2024 at 7 PM ET. **The Zoom link to sign up is:** https://us06web.zoom.us/meeting/register/tZcrc-qsrD0pGNLBvhR_2p5O9uTeRzO0u4Sw.

The Opportunity

Crew members aboard the International Space Station will participate in scheduled ARISS amateur radio contacts. These radio contacts are approximately 10 minutes in length and allow students to interact with the astronauts through a question-and-answer session.

An ARISS contact is a voice communication opportunity via amateur radio between astronauts and cosmonauts aboard the space station and classrooms and communities. ARISS contacts afford education audiences the opportunity to learn firsthand from astronauts what it is like to live and work in space and to learn about space research conducted on the ISS. Students also will have an opportunity to learn about satellite communication, wireless technology, and radio science. Because of the nature of human spaceflight and the complexity of scheduling activities aboard the ISS, organizations must demonstrate flexibility to accommodate changes in dates and times of the radio contact.

Amateur radio organizations around the world with the support of NASA and space agencies in Russia, Canada, Japan and Europe present educational organizations with this opportunity. The ham radio organizations' volunteer efforts provide the equipment and operational support to

enable communication between crew on the ISS and students around the world using amateur radio.

Please direct any questions to education@ariss-usa.org.

About ARISS:

Amateur Radio on the International Space Station (ARISS) is a cooperative venture of international amateur radio societies and the space agencies that support the International Space Station (ISS). In the United States, sponsors are the American Radio Relay League (ARRL), Amateur Radio Digital Communications (ARDC), Radio Amateur Satellite Corporation (AMSAT), NASA's Space Communications and Navigation program (SCaN) and the ISS National Lab—Space Station Explorers. The primary goal of ARISS is to promote exploration of science, technology, engineering, the arts, and mathematics topics. ARISS does this by organizing scheduled contacts via amateur radio between crew members aboard the ISS and students. Before and during these radio contacts, students, educators, parents, and communities take part in hands-on learning activities tied to space, space technologies, and amateur radio. For more information, see <http://www.ariss.org>.

Media Contact:

Dave Jordan, AA4KN
ARISS PR

Find us on social media at:

Twitter: ARISS_Intl

Facebook: facebook.com/ARISSIntl

Instagram: ariss_intl

Mastodon: ariss_intl@mastodon.hams.social

Check out ARISS on Youtube.com.

***I'm running this *again* because I've heard many of you suggest that it's too expensive to get new hams licensed. This is a GOOD Time for "Kids" to get licensed!

ARRL Youth Licensing Grant Program

Clubs around the country sponsor VE sessions in order to help new hams get their licenses and to help existing hams upgrade. One of the changes in the last couple of years is the introduction of the \$35 FCC License Fee. The ARRL Youth Licensing Grant Program, in effect since April 19,

2022, will cover the one-time \$35 application fee for new license candidates younger than 18-years old for tests administered under the ARRL VEC program.

The \$35 FCC application fee will be reimbursed after the ARRL VEC receives the completed reimbursement form and after the new license has been issued by the FCC. The reimbursement check will be mailed to the fee payer. Also, candidates who are under the age of 18 pay a reduced exam session fee of \$5 to the ARRL VEC VE team at the time of the exam. The \$5 fee is for all candidates under the age of 18, regardless of the exam level taken. Proof of age is required at the session. Visit www.arrl.org/youth-licensing-grant-program for the program instructions and reimbursement form.

Contact [ARRL VEC](#) for assistance or for information on how your club can set up an ARRL VEC VE team and offer testing on a regular basis in your area, and how to take advantage of the reduced exam fee for youth candidates. It's extremely gratifying when a candidate passes their test and earns a license.

Clubs that already sponsor ARRL VEC exam sessions, we thank you for your service to our program!

Winter Field Day 2024

[Winter Field Day \(WFD\)](#), sponsored by the Winter Field Day Association, is scheduled to run from 1900 UTC on Saturday, January 27, through 1859 UTC on Sunday, January 28.

WFD is held on the last full weekend in January and is a communications exercise that can be worked from the comfort of your home or in a remote location. You can participate by yourself, with your friends and family, or with a local club.

WFD is open to participants worldwide. Amateur radio operators may use frequencies on the HF, VHF, or UHF bands and are free to use any mode that can faithfully transmit the required exchange intact. Similar to ARRL's Field Day, bonus points are earned in several ways, including from using non-commercial power sources, operating from remote locations, making satellite contacts, and more.



WFD is designed to help increase your level of preparedness for disasters and for you to improve and practice your operating skills in winter environments, as the potential for freezing temperatures, snow, ice, and other hazards present unique operating conditions.

Also, remember to mark your calendar for 2024 ARRL Field Day on June 22 - 23. For additional information, visit [Field Day \(arrl.org\)](http://Field Day (arrl.org)).

HamSCI 2024 Workshop

Ham Radio Science Citizen Investigation ([HamSCI](#)) will hold its sixth annual workshop on March 22 - 23, 2024, at Case Western Reserve University in Cleveland, Ohio. The event is meant to bring together the amateur radio community and professional scientists.



The 2024 workshop's theme will be "Alignments" - specifically those between the Sun, Moon, and Earth; collegiate amateur radio recreation and science, technology, engineering, and math (STEM) curricula; data collection and analysis, and professional and citizen science. Workshop participants will prepare for the solar eclipse taking place on April 8, 2024, which will be seen in totality from Cleveland.

HamSCI's main interest is using amateur radio for the characterization and study of ionospheric phenomena like traveling ionospheric disturbances, sporadic E, solar flares, geomagnetic storms, the 2024 total solar eclipse, and other space weather events. To facilitate this science, continued development of the [HamSCI Personal Space Weather Station](#) and discussion about integrating amateur radio into the collegiate curriculum will also take place during the workshop.

Registration is now open, and the deadline is March 1, 2024. HamSCI is also accepting presentations relating to amateur radio and science -- particularly space and atmospheric science, space weather, and radio astronomy -- that analyze the ionosphere, propose ideas for the Personal Space Weather Station, and discuss the 2024 eclipse.

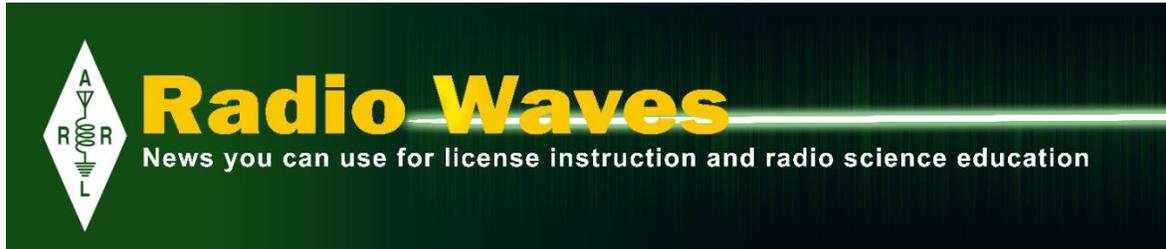
Presentations should be the form of talks, posters, lightning talks, and demonstrations. The Science Program Committee will be accepting abstracts and presentations.

If you would like to present, please submit your abstract by February 10, 2024. Presenters will be notified about their acceptance by March 1, 2024. Questions about abstracts should be emailed to Nathaniel Frissell, W2NAF, at hamsci@hamsci.org.

For registration and additional information about the event, visit [HamSCI Workshop 2024 | HamSCI](#).

Registration for [Contest University](#) (to be held May 16, 2024, at the [Hope Hotel](#) in Dayton, Ohio) is now open. Now in its 15th year, this event is held the day before the

opening of the annual [Hamvention](#) and is popular enough to suggest early registration to be able to receive the day's printed handouts. Materials from previous years are available on the Contest University website.



Greetings Teachers and Instructors,

As part of our mission of the Education and Learning Department, we not only want to foster new learning but celebrate it. Showcasing how educators and license class instructors are getting their students and school communities involved in ham radio, especially after attending a TI session hosted by ARRL, is a great place to start. We believe that such journeys should be shared. A revival of our Radio Waves newsletter is the perfect opportunity. It will be hosted throughout different ARRL products and will be filled with both learning resources for teachers/instructors and submissions from those who are currently bringing amateur radio into the classrooms just like you. Feel free to explore our [previous publications here](#).

Additionally, to our license class instructors, you have a wealth of knowledge and experience about what works best for presenting course material. We want to hear your success stories and those times when students make connections. We would love to have articles and pictures of activities you use to help your students make those connections.

I am reaching out to you because we would like to hear about you and your students' current experiences with ham radio. We are looking for teachers and mentors to write brief op-ed pieces (roughly 300-700 words) for our next Radio Waves newsletter. Whether you have just bought your first antenna equipment with a grant, built a new connection with a local ham club or made a first contact in partnership with ARISS, documenting your efforts to bring radio to new generations is

worth celebrating.

If you wish to share your story, please respond separately and send your writing submission to radiowaves@arrl.org. We encourage sending in photos related to your piece. Please send back a signed copy of the "[Photo/Video Model Release](#)" form for anyone present in a photo. We will review all submissions and work closely with the ARRL Editorial Department to deliver a fresh issue of Radio Waves coming soon!

Both Steve Goodgame, K5ATA, and I will be available should you have any questions regarding new submissions or access to the newsletter.

Thank you for your consideration.

Eliza Croarkin, KC1TAP
ARRL Learning Coordinator

National Aeronautics and Space Administration



In this week's newsletter, learn how the foundation for long-term scientific exploration at the Moon will be established, see how a trailblazing new Earth satellite will deepen our understanding of climate change, and hear NASA astronauts answer questions from fan mail.



Artemis Moon Missions

NASA will now target September 2025 for Artemis II, the first crewed Artemis mission around the Moon, and September 2026 for Artemis III, which is planned to land the first astronauts near the lunar South Pole. Artemis IV, the first mission to the Gateway lunar space station, remains on track for 2028.

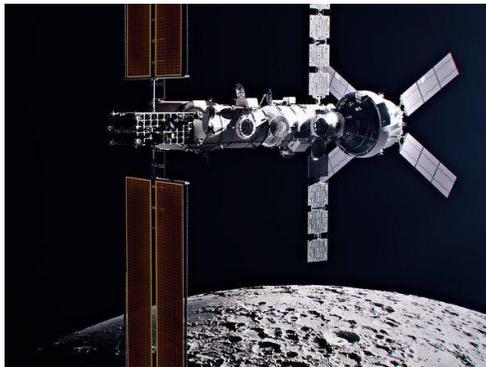
[LEARN MORE](#)



Astrobotic's Lunar Lander Updates

On Jan. 8, Astrobotic's Peregrine lunar lander launched aboard the first flight of United Launch Alliance's Vulcan rocket en route to the Moon. Shortly after launch, the team uncovered a propulsion issue. Although the lander will not achieve a soft landing on the Moon, we have switched on all the NASA science instruments that can be turned on and are currently collecting data in space.

[LEARN MORE](#)



A Deep Space Home

On Sunday, Jan. 7, NASA and the Mohammed bin Rashid Space Center of the United Arab Emirates announced plans for the space center to provide an airlock for Gateway, humanity's first space station that will orbit the Moon.

[LEARN MORE](#)

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 your club is up to. Are you going to have a special guest at your meeting or are you having a special anniversary?
Just send it to: 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.

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.

To apply for ARRL sanctioned status for your event, go to www.arrl.org/hamfest-convention-application.

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

VE Sessions:

The following information is for ALL exam sessions:

It is now an FCC requirement to have an FCC FRN; active email address and active phone number before taking any exam. Please bring your FCC FRN, original license, a copy of your license (if a licensed ham), a valid photo ID and \$15.00 - Cash preferred.

Effective April 19, 2022, the FCC will charge a \$35.00 application fee for amateur radio licenses. The fee will apply to new, renewal, rule waiver, and modification applications that request a new vanity call sign. License upgrades will not have a fee applied. The fee will be per application. *VE's will not collect the fees at exam sessions.*

AE8FP Amateur Radio Test Team administers ARRL-VEC testing in the Central Ohio area. Our test dates for 2024 are as follows: Januray 20, April 27, June 22, July 20, and October 19. Time and location for these dates are 10:00am at the Westerville Fire Station #111, 400 W. Main St in Westerville, Ohio. The listed dates are co-sponsored by the Central Ohio Radio Club (CORC).

Pre-Registration is required, and open the 1st of each testing month. All information is available at www.ae8fp.net <<http://www.ae8fp.net/>>

All Things Amateur Radio Association (ATARA) We host testing sessions every second Tuesday of the month in Lancaster. To sign up please visit our website <https://atara-w8atr.fun> and contact us at hamexams@atara-w8atr.fun.

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 for detailed map of location. Call Metro W8MET 216-520-1320 for details

Clark County Amateur Radio Association (CLARA)

What: CLARA sponsored A.R.R.L. VE Testing - Walk-ins allowed. Pre-Register via email preferred.

When: On every second Saturday of each even numbered month starting at 10:00 AM Feb 10th; Apr 13th; Jun 8th; Aug 10th; Oct 12th; and Dec 14th, 2024. Where: Springview Government Center - Emergency Operations Center; 3130 E Main St; Springfield OH 45503 This is US-40 aka "old national road". From Route 40 enter Old Columbus Road, at the fork stay left driving straight onto Ogden Rd, then immediately turn left into the parking lot behind the EMA. Walk to the door with the "Employees Only" sign.

For more information contact Roland W. Ude, W8BUZ, (937) 605-4951 Email:

buzz@baylorhill.com

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

Geauga Amateur Radio Association (GARA)

Amateur License exam sessions are offered for all license classes (Technician, General, Extra). Walk-ins are always welcome - no prior registration is required. No fee for the exam.

The GARA schedule of exams are these Sundays at 2pm. Dates for 2024 are Jan 14, March 10, May 12, July 14, Sept 15, and Nov 17, 2024. All sessions are at 2:00PM each month



Exams are held at the Geauga County Department of Emergency Services and Emergency Operations Center, 12518 Merritt Road, Chardon, Ohio 44024. The EOC is located just south of the University Geauga Hospital and just east of the Geauga County Safety Center (Sheriff's Office), off of State Route 44 between State Route 322 and State Route 87 on Merritt Road.

Please arrive a few minutes before 14:00 to allow adequate time to process the necessary paper work and take your test. Bring your 1) photo ID, 2) email address, 3) FCC FRN, 4) a printout of your current license if taking the General or Extra exam.

Additional info may be obtained from Jackie Welch, N8JMW by email n8jmw2@gmail.com or calling at 440-228-2716. More information is available from the Geauga Amateur Radio Association website <https://geaugaara.org>

Huber Heights Amateur Radio Club

Huber heights amateur radio club does ARRL VE testing the second Saturday of each even numbered month. Feb, Apr, Jun, Aug, Oct, Dec. 9:30-11:00 For more information contact Jim Storms – AB8YK at ab8yk@hotmail.com

The Lake County Amateur Radio Association

The Lake County Amateur Radio Association is holding its **2024** Amateur Radio license exams at the **Kirtland Library**, 9267 Chillicothe Road, on the following dates:

Saturday, February 3	Saturday, August 3
Saturday, April 6	Saturday, October 5
Saturday, June 1	Saturday, December 7

This bi-monthly schedule is the first Saturday of every even-numbered month (e.g., February being the second month, etc.). They are held at the Kirtland Library, 9267 Chillicothe Road. It is 1.7 miles south of I-90 on Route 306 (Chillicothe Rd). The library is on the left, just beyond the Marathon gas station. The tests will start at **12 noon**. Please arrive a few minutes earlier.

To register, you will need a NCVEC 605 Form, which will be available at the test. If you would like to complete one ahead of time, be sure it is the Sept 2017 version or later. You can find it by Googling “NCVEC quick-form 605” and clicking on the url for a pdf of the form. Please note **the FCC requires you to provide a FRN** (FCC Registration Number). Social Security Numbers are no longer accepted. If you are new to ham radio and don’t have a FRN, Google “New FRN” and follow the fcc.gov link.

If you are currently licensed, be sure to **bring a copy of your license to the exam**. The cost of the exam itself is \$15.00, and if you wish to pay by check, it should be made out to the ARRL/VEC. Identification with your picture is also necessary, such as a driver’s license. If you have any questions, please contact Scott Farnham, KO8O, at (440) 256-0320, or scottfarnham@roadrunner.com

In addition to the \$15 test fee, the FCC now charges \$35 to add you to the Amateur Radio database. The FCC will e-mail successful candidates instructions for payment directly to them. Payment must be made within 10 days of the e-mail. This charge does not apply to upgrades.

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.k8qik.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@k8qik.org to register.

Lisbon Area Amateur Radio Association

LISBON AREA AMATEUR RADIO ASSOCIATION (LAARA) 2024 SCHEDULE.

VE TESTING IS AT THE COLUMBIANA COUNTY EMERGENCY MANAGEMENT AGENCY
AT 215 SOUTH MARKET STREET, LISBON, OH 44432.

SIGN IN AT 1 PM AND TESTING AT 1:30 PM.

VE TESTING DATES FOR 2024

JAN 13; FEB 10; MAR 9; APR 13; MAY 11;
JUN 8; AUG 10; SEP 14; OCT 12; NOV 9; DEC 14.

WE CAN ALSO GIVE THE TEST AT OUR REGULAR MEETINGS THAT ARE NORMALLY ON THE 3RD THURSDAY OF EACH MONTH. LAARA MEETINGS ARE HELD AT THE COLUMBIANA COUNTY EMERGENCY MANAGEMENT AGENCY AT THE SAME ADDRESS AS ABOVE. SEE THE K8GQB.COM WEB SITE FOR UPDATES.

MEETING TIME IS 6:30 PM.

WE HAVE ACTIVITY MEETINGS ON THE ODD MONTHS AND BUSINESS MEETINGS ON THE EVEN MONTHS.

Madison County

The Laurel testing group will offer testing on the first Thursday of January, March, May, July, September and November. Tests are held at 7:00PM at the Madison County EMA located at 271 Elm St. London, OH. No fee.

The Milford Amateur Radio Club (MARC)

VE testing is held 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

Northern Ohio Amateur Radio Society (NOARS)

Northern Ohio Amateur Radio Society (NOARS) VE sessions are held the first Saturday of odd-numbered months (EXCEPT FOR March and July) at 10 AM in the **Fairview Park Library, 21255 Lorain Rd., Fairview Park**. Registration is preferred, but walk-ins are welcome. For more information or to register, contact Elaine, KC8FOS at ewilkinson1951@gmail.com. There will be a VE session held **Sunday, March 10** at the NOARS Winterfest held at Lorain County Community College **in the College Center**, 1005 Abbe Rd N, Elyria, OH 44035. Please email Elaine, KC8FOS at ewilkinson1951@gmail.com for more information or to register.

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 .

If you have any questions, don't hesitate to contact me at KB8UUZ@gmail.com

Tusco Amateur Radio Club W8ZX

VE Testing sessions are held on the second Saturday of every even numbered month at the Dover Faith Church, 420 N Wooster Ave, Dover, OH 44622. Pre-registration is not necessary. Doors open at 0830 for registration, exams begin at 0900. Cost is \$15. You are required to have an email address and a copy of your FRN or current ham radio license. For more information please go to www.w8zx.net/exam or email VETEAM@N8BAG.NET.

Silvercreek ARA (SARA)

Hold six exam sessions per year for all license classes. Pre-registration requested but not required. Exam sessions for 2024:

Saturday, February 3rd - Wayne County Justice Center (Wooster)
Saturday, April 6th - Sharon Center UMC (Wadsworth/Medina)
Saturday, June 1st - Sharon Center UMC (Wadsworth/Medina)
Saturday, August 3rd - Wayne County Justice Center (Wooster)
Saturday, October 5th - Sharon Center UMC (Wadsworth/Medina)
Saturday, December 7th - Sharon Center UMC (Wadsworth/Medina)

All sessions begin at 10:00am. For directions and test information visit <https://w8wky.org/license-exams/>. Pre-Registration to expedite paperwork is requested, but not required at <https://w8wky.org/sara-ve-registration-form/>. Sign up and if you aren't ready or can't make it, just notify the VE team lead.

West Chester Amateur Radio Association (WC8VOA) Exam sessions are held one Saturday each month at 10:00 AM-Noon at the VOA Bethany Relay Museum located at *8070 Tylersville Rd, West Chester, Ohio 45069*. For more information and links to register, please see our website: <https://wc8voa.org/licensing/>

Free Amateur Radio License Upgrade Classes

Jim Grover, N8PZL
Frank Tompkins, W8EZT
Anthony Luscre, K8ZT

General Class

The Cuyahoga Falls Amateur Radio Club will again offer online classes to pass the FCC General Class Exam. The classes will be held via Zoom on six Sunday afternoons from 1:30 to 4:00 PM. The first class will start on Jan 14th. The classes are free and available to all interested hams with Tech licenses or studying to complete their Tech license by the end of the classes. Class materials will be distributed via Google Classroom, and the suggested book is “[General License Course Study Guide](#)” (2023-2027 edition), available from HamRadioSchool.com.

If you have your Tech license, this is a great way to expand the bands and modes you have access to. It will also provide a lot of practical information on Amateur Radio.

We need you to spread the word if you already have your General or higher license. Please contact friends, relatives, etc., who have Tech licenses and invite them to this class.

Please feel free to print out the following page and send it to them, post it at your nearby library or any other spot around town that may have interested viewers.

We will have just completed our fall Tech Class with 20 attendees on Nov 12th. We will have another Tech Class next fall or if we have enough demand before then.



The Cuyahoga Falls Amateur Radio Club offers free live online classes to get your

Amateur (Ham) Radio General Class License. Classes start on Jan. 14, 2024.

For information, visit-
tiny.cc/beahamg



What is Amateur (Ham) Radio?- tiny.cc/wiar

The Geauga Amateur Radio Association Offering Classes 2024

Classes are as follows:

Gen: starts- Friday Feb 16, 2024

Ends- Friday April 12, 2024

Extra: Starts- Friday April 19, 2024

Ends- Friday July 5, 2024

***All Classes are Fridays from 6:00PM- 8:00PM

Location for sessions and classes are:

Gauga County EOC

12518 Merritt Rd

Chardon, Ohio 44024

Information can be obtained by emailing or calling:

Jackie Welch, N8JMW n8jmw2@gmail.com 440-228-2716

Ham License Classes

The Cuyahoga Amateur Radio Society will be offering ham radio licensing classes beginning Thursday, February 29th, 2024 at 6:30 PM. There will be six sessions held each Thursday and a special VE testing session on the seventh week - April 11th, 2024.



There will be three separate classes - Technician, General, and Amateur Extra.

Classes will be held at the Seven Hills Community Room, 7325 Summit View Drive, Seven Hills, OH 44131.

Cost of the classes is \$20.00. The General class is free to all CARS members.

Anyone interested in registering for a class should contact Toby Kolman, WT8O, at wt8o@att.net or 440-525-6109.

Massillon ARC Amateur Radio Classes For Technician, General and MORSE CODE

Begin Wednesday, Feb 8 and run weekly for 8 weeks. 7-9 p.m. At Massillon, OH ARC.

Location: R.G. Klein Museum, corner of Erie St & Federal Ave, NE.

Exams at conclusion (except Code)

For information and registration call or email at these addresses:

330-705-8449 or w8au@arrl.net

ARES CONFERENCE

Hosted by District 10

Come Join us for the D10 ARES Conference

- Go-Box Displays
- Informative Presentations
- DMR Programming Workshop
 - Lunch Provided



FEB 17

8am-4pm



Presentation topics include: MARCS, Red Cross, National Weather Service, Tabletop Exercises,
Winlink

Tri-Point Medical Center | 7590 Auburn Rd Painesville, OH 44077

[www.n8es
g.org/confe
rence](http://www.n8es.org/conference) For
information
and to
register

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-lited here for the other OH Section Clubs to see! Send to WB8LCD@ARRL.ORG

ARLD003 DX news

This week's bulletin was made possible with information provided by LU4AAO, The Daily DX, 425 DX News, DXNL, Contest Corral from QST and the ARRL Contest Calendar and WA7BNM web sites. Thanks to all.

UGANDA, 5X. Paul, 5X4E has been active on 20 meters using SSB around 1500z. QSL direct to IZ3ZLG.

KENYA, 5Z. Martin, 5Z4PA has been active on 20 meters using CW around 0200z. QSL via M0URX.

MALDIVES, 8Q. Keith, G3WRO will be QRV as 8Q7WR from January 24 to February 6. Activity will be holiday style on 40 to 10 meters, and possibly on 80 meters, using SSB. QSL to home call.

BAHAMAS, C6. Kevin, W1DED is QRV as W1DED/C6A from Eleuthera, IOTA NA-001, until January 21. Activity is on the HF bands. QSL direct to home call.

MOROCCO, CN. Michel, F5RLR will be QRV as CN2DX from January 20 to February 10. Activity will be on 40 to 6 meters using CW, SSB, and FT8. QSL via EA5GL.

ANTARCTICA. Felix, DL5XL will be QRV as DP1POL from German research station Neumayer III, IOTA AN-016, beginning January 20 until early March. Activity will be on the HF bands using mostly CW, with some SSB and digital modes. QSL direct to DL1ZBO.

CLIPPERTON ISLAND, FO. Station TX5S is QRV until February 1. Activity is on 160 to 6 meters using CW, SSB, RTTY, FT8, 6 meter EME, and active on various Satellites. QSL via M0URX.

ITALY, I. A large group of operators will be QRV as IG9/S57DX from Lampedusa Island, IOTA AF-019, from January 20 to 28. Activity will be on all bands and modes. This includes being an entry in the upcoming CQ World Wide 160 Meter CW contest. QSL via S57DX.

DOMINICA, J7. Laurent, FM5BH and David, F8AAN are QRV as J79BH and J79AN, respectively, until January 24. Activity is on 160 to 4 meters using CW, SSB, and FT8. QSL via operators' instructions.

JORDAN, JY. Nart, JY5IB has been active on 30 meters using FT8 around 0300 to 0400z. QSL direct to home call.

ARGENTINA, LU. Members of AMSAT Argentina will be QRV as LU7AA and with other call signs from January 20 to 28 to celebrate the 34th anniversary of the launch of Satellite LO-19. Activity will be on all bands using CW, SSB, SSTV, UHF voice, and on FM Satellites. QSL direct to LU7AA.

ARUBA, P4. Mathias, DL4MM is QRV as P4/DL4MM until January 31. Activity is on 160 to 10 meters using CW, SSB, and various digital modes. He will be QRV as P40AA in the upcoming CQ World Wide 160 Meter CW contest. QSL to home call.

SURINAME, PZ. 6 meter beacon PZ5JW/B is now active on 50080 kHz from Grid Square GJ25.

MALI, TZ. Jeff, K1MMB is QRV as TZ4AM from Bamako. Activity is on 80 to 10 meters using CW and SSB, with a beacon on 6 meters as TZ6HY/B. QSL via KX4R.

INDIA, VU. Operators VU3EFG, VU3FJT, and VU2OGQ are QRV as AT5D from

Kanyakumari until January 31 for a Beaches On The Air activation. QSL via VU3EFG.

INDONESIA, YB. Emmanuel, F5LIT plans to be QRV as YB9/F5LIT from Bali Island, IOTA OC-022, from January 22 to 30. Activity will be on 40 to 10 meters using SSB. QSL direct to home call.

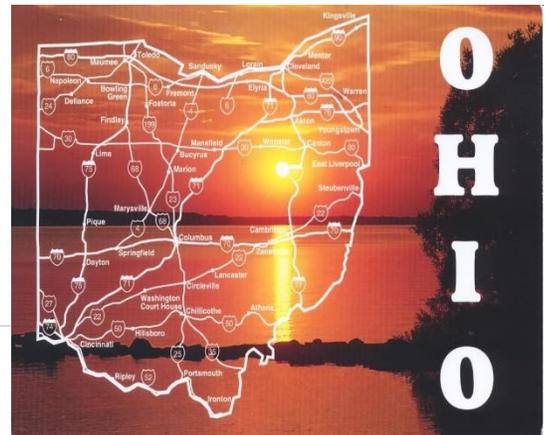
CAYMAN ISLANDS, ZF. Craig, KA8DSS will be QRV as ZF2NB/ZF8 from Little Cayman Island, IOTA NA-016, from January 20 to 26. Activity will be on 17, 15, and 10 meters using SSB. QSL direct to home call.

ST. HELENA, ZD7. Elvira, IV3FSG is QRV as ZD7Z from Jamestown until February 4. Activity is on 160 to 6 meters, including 60 meters, using CW, SSB, RTTY, FT8, and FT4. QSL via IK2DUW.

CHATHAM ISLAND, ZL7. Operators ZL1CAP, ZL1LDP, ZL1OV and ZL3SSB will be QRV as ZL7D from January 20 to 27. Activity will be on 80 to 10 meters using SSB. QSL via EA3FLW.

Please see January 2024 QST, page 76, and the ARRL and WA7BNM contest websites for details.

Upcoming *Hamfests*



Ohio Hamfests

2024

	03/10/2024 - WINTERHAMFEST Location: Elyria, OH Sponsor: Northern Ohio Amateur Radio Society Website: http://winterhamfest@noars.net Learn More
03/17/2024 - Toledo Mobile Radio Association Hamfest and Computer Fair Location: Perrysburg, OH Sponsor: Toledo Mobile Radio Association Website: http://www.w8hhf.org Learn More	04/13/2024 - Mid-Ohio Valley Amateur Radio Club Location: Bidwell, OH Type: ARRL Hamfest Sponsor: Mid-Ohio Valley Amateur Radio Club Learn More
04/13/2024 - Cuyahoga Falls Amateur Radio Club 68th Hamfest Location: Cuyahoga Falls, OH Sponsor: Cuyahoga Falls Amateur Radio Club, Inc. Website: http://www.w8vpv.org/hamfest Learn More	Your HamFest should be listed here!
04/28/2024 - Athens Hamfest Location: Athens, OH Sponsor: Athens County Amateur Radio Association Website: https://www.ac-ara.org/ Learn More	05/05/2024 - Lucas County ARES Trunk Sale & Swap Meet Location: Toledo, OH Sponsor: Lucas County ARES Website: http://lucasares.org Learn More

<p>05/16/2024 - 05/19/2024 - Four Days In May Location: Fairborn, OH Sponsor: QRP Amateur Radio Club International Website: http://qrparci.org/fdim Learn More</p>	<p>05/17/2024 - 05/19/2024 - Dayton Hamvention / ARRL National Convention Location: Green County Fairgrounds Sponsor: Dayton Amateur Radio Club Website: https://hamvention.org</p>
<p>07/21/2024 - Van Wert Hamfest Location: Van Wert, OH Sponsor: Van Wert Amateur Radio Club Website: http://w8fy.org Learn More</p>	<p>08/10/2024 - Cincinnati Hamfest Location: Owensville, OH Sponsor: Milford ARC Website: https://CincinnatiHamfest.org Learn More</p>
<p>08/18/2024 - Warren Hamfest Location: Cortland, OH Sponsor: Warren Amateur Radio Association Website: https://www.w8vtd.com/ Learn More</p>	<p>10/27/2024 - 2024 MARC Hamfest at MAPS Location: N. Canton, OH Sponsor: Massillon Amateur Radio Club Website: https://www.w8np.net Learn More</p>

Plenty of Ohio Section Hamfests on tap for 2024! If you haven't got yours submitted to ARRL as of yet – go back up a couple pages to the top of the “Clubs” section for complete instructions on how to get your fest ARRL Sanctioned! As you can see, I've left a couple open slots here for your Ohio Section Hamfest! (I've got a couple more that will hit the list next week!)

DX This Week – Zones 9,10, and 11

Bill - AJ8B (thedxmentor@gmail.com / www.aj8b.com)



I received an email asking me where I picked up most of my tips? There are two places. First, is just by operating. You have to be in front of the rig and you have to be on the air to learn your equipment and to gain experience. With regards to equipment, I would also say there are two places you can gain knowledge on your rig. The first is the user's manual. Honest! I can't believe how many folks have never opened the manual much less have read it.

Another source of information is YouTube. Just search on your rig and you will be amazed at what information is out there just waiting to be shared with you.

My second source of tips is from other hams. If you attend the DX Dinner® or the DX Forum at Hamvention®, you will have the opportunity to spend time with likeminded individuals and you can learn a lot. I always stop by the Flex booth to learn what I want to know and to ask questions. Check with your local club to see if there is an existing users' group or if you can start one. I am a member of the Bellbrook ARC and they have a Flex users group.

This week we will continue our investigation of the various CQ Zones. We also have DX news and some details on a very interesting contest. So, lets get started.

Zones 9, 10, and 11

This week we will investigate CQ Zones 9,10, and 11. They are the Northern Zone, the Western Zone and the Central Zones of South America. The following is a breakout of the entities that are contained in those zones.

Zone 9. Northern Zone of South America: **FY** (French Guyana), **HK** (Colombia), **HK0** (Malpelo Is.), **PJ2** (Curacao), **PJ4** (Bonaire), **PZ** (Surinam), **YV** (Venezuela), **8R** (Guiana), **P4** Aruba and **9Y** (Trinidad and Tobago Is.).

Zone 10. Western Zone of South America: **CP** (Bolivia), **HC** (Ecuador), **HC8** (Galapagos Is.), and **OA** (Peru).

Zone 11. Central Zone of South America: **PY** (Brazil), **PY0 - F** (Fernando de Noronha), **PY0 - S** (St. Peter and Paul Rocks), **PY0 - T** (Trinidad Martin Vaz), and **ZP** (Paraguay).

The PY0 group has always been a challenge for me. I have worked Fernando de Noronha (PY0-F) several times, Trinidad Martin Vaz (PY0-T), but never St. Peter and Paul Rocks (PY0 – S).PY0-S was last activated in November of 2012 and is currently ranked #29 on the Clublog Most Wanted list. I am hoping that a DXPedition will occur from there in the next year or so!

Good Hunting in these Zones

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Here is an update from Bernie, W3UR, of the DailyDX and the WeeklyDX, and the How's DX Column in QST. The DailyDX the best source for real-time DX information.

<http://www.dailydx.com/> . Bernie has this to report:

Here is some essential information and updates for TX5S, **Clipperton Island**:

The TX5S operation by the Perseverance DX Group should begin late this week. The team's departure aboard the Shogun motor yacht was delayed due to weather and ocean conditions, and their first 12 hours at sea were "bumpy," but the team says that things have improved, and they are "getting into the Shogun's daily routine." They have had multiple team meetings to discuss their landing plan, campsite setup and management, and radio setup and operations. As of January 15th , they had about two and one-half days to reach their destination.

The team estimates that it will take two days to move their equipment to the island and set up their two campsites. In the meantime, N6WM/MM has logged over 1,000 contacts. They are using this call rather than TX5S/MM because their operating authority with TX5S is for only 15 days. As a reminder, ocean grids will be noted on QSL cards (via MØURX.com), and cards likely will be available on OQRS after the team returns to San Diego around February 6. Much more information is (and will be) available at the TX5S website.

Here is a follow up to the previous information:

The seas have been calm; we passed the halfway point last night. The /MM station has been busy, with over 1,500 Qs in the log. Francesco IK0FVC is the primary SSB operator, various other operators have been working CW / FT8. Today we begin conducting planning meetings for the arrival.

As a reminder, we are using WSJT-X in Fox/Hound. Callers "must" transmit above 1,000hz. Please note: we are not using MSHV or any other derivative. Additionally, we plan to operate split on the other modes. This morning we installed a 6m dipole and are making FT8 contacts on 50.313.

The Shogun has 3 custom built, double bottomed, aluminum skiffs, designed to minimize

damage when transiting the reef. The boat crew developed their landing plan, and they will help us with some of our major tasks.

Cheers,
GS K5GS

CBØZA, Robinson Crusoe Island update

The February 10-24 CBØZA DXpedition to Juan Fernández National Park on Robinson Crusoe Island cleared a major hurdle on January 12. The DXpedition's Chilean logistics leader, XQ3SA, Guillermo, reported that the team's two air freight shipments, sent last month from Miami, have cleared Chilean customs and are now at the port in Valparaiso and scheduled for shipment by cargo vessel out to the island. Chile imposed import taxes and fees on the shipments, an additional expense for the team. They are appealing to DX community members who have not lent support to the CBØZA DXpedition to consider making a donation via PayPal. Plans are for team members to depart for Santiago on February 7. In preparation for their trip, the CBØZA website has been "resurrected and updated," thanks to N2IC, Steve, and his XYL. KB2FMH, James, has revamped the DXpedition QRZ page.

St. Helena Island: ZD7Z should be QRV from **St. Helena Island, ZD7** at this time. They will continue through February 4 and will be active on 160, 80, 60, 40, 30, 20, 17, 12, 10, and 6M CW, SSB, RTTY, and FT4/FT8 MSHV (not Fox/Hound). The radio is an ICOM IC-7300, and antennas are hex beams, verticals, and inverted Ls.

The operation will be livestreamed via Club Log. IK2DUW is QSL manager; they will also use Hrdlog and Club Log OQRS. See QRZ for more information...W6NV, Oliver, will return to St. Helena Island in February for the ARRL International DX Contest, CW, as ZD7W, a single-operator, all-band entry.

Oliver he will upload his logs to LoTW when he returns home.

We have an update on ET3AA from **Ethiopia**. Bob, W9XY, is at the Ethiopian Amateur Radio Society club station, ET3AA, though January 20. This station is located at the Addis Ababa Institute of Technology. Bob has been mingling and operating with the students. Their focus has been 10 meters and the WARC-79 bands. He says that there are currently 37 students who are interested in becoming licensed; they will take their test after their mid-year examinations at the Institute of Technology.

One of the great things about our hobby is the special events stations that track world events. For instance, we have this from **OZ – Denmark**. In addition to the OX, OY, and OZ special callsigns announced last week for the historic abdication of Denmark's Queen Margrethe II and accession to the throne of her elder son, King Frederik X, the special callsign OZ24FX will be QRV through January 21.

JD1/M - **Minami Torishima** : Take-san, JG8NQJ, is scheduled to arrive on Minami-Torishima on January 25th. This time he will be QRV as JG8NQJ/JD1 mainly on 15 and 17 meters CW and some FT8. He is scheduled to be there for around three months. As a reminder he is there working at the weather station and operates in his spare time. Minami Torishima currently ranks number 34 on Club Log's DXCC Most Wanted List. The best times are usually 0800 to 1000Z during the week and then over his weekend he sometimes can be found on the air starting as early as 2100Z. QSL via JA8CJY.

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/>) 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!

Here is a very interesting contest if you have been a ham for more than a few years. It is the Winter 2024 Classic Exchange (CX). The dates are:

CW

Sunday Jan 21 1300Z to Jan 22 0700Z

Tuesday Jan 23 1300Z to Jan 24 0700Z

SSB Sunday Jan 28 1300Z to Jan 29 0700Z

Tuesday Jan 30 1300Z to Jan 31 0700Z

The Bands 160-80-40-20-15-10-6-2 and the modes are CW and Phone.

The CX is a no-pressure contest celebrating the older commercial and Home Brew equipment that was the pride and joy of ham shacks many decades ago. The object is to encourage restoration, operation and enjoyment of this older Classic equipment. You need not operate a Classic rig to participate in the CX. You may use any rig in the contest although new gear is a distinct scoring disadvantage as your multipliers are directly related to the age of the equipment you use! However, you can still work the "great ones" with modern equipment.

There are two (2) entry categories per mode:

- ▶ Three or fewer receiver-transmitter pairs
- ▶ Four or more receiver-transmitter pairs.

Each CX event has bonus points. Details in the Bonus section! There will be CX recognition for high scores in Phone and CW as well as overall.

Contest QSO Exchange: Exchange your RST, QTH (state US, province for Canada, country for DX), name, receiver and transmitter manufacturer/model (Home Brew send final amp tube or transistor type). The same station may be worked with different equipment combinations on each band and in each mode.

CX Multiplier: This is the total age (in years) of all receivers, transmitters, and transceivers you used in that mode.

<http://www.classicexchange.org/>

Contest	Start Date	End Date
CQ 160M CW	1/26/2024	1/28/2024

10-10 Int. Winter Contest, SSB	2/3/2024	2/4/2024
British Columbia QSOP	2/3/2024	2/4/2024
Minnesota QSOP	2/3/2024	
Vermont QSOP	2/3/2024	2/4/2024
CQ WW RTTY WPX Contest	2/10/2024	2/11/2024
Mississippi QSOP	2/10/2024	2/11/2024
ARRL Inter. DX Contest, CW	2/17/2024	2/18/2024
CQ 160M Contest, SSB	2/23/2024	2/25/2024
North Carolina QSOP	2/25/2024	2/26/2024
ARRL Inter. DX Contest, SSB	3/2/2024	3/3/2024
YB DX RTTY Contest	3/9/2024	
Idaho QSOP	3/9/2024	3/10/2024
Oklahoma QSOP	3/9/2024	3/10/2024
Wisconsin QSOP	3/10/2024	3/11/2024
Virginia QSOP	3/16/2024	3/17/2024
CQ WW WPX Contest, SSB	3/30/2024	3/31/2024

FEMA: Results of 2023 National Household Survey on Disaster Preparedness.

Since 2013, FEMA has conducted the National Household Survey on Disaster Preparedness. This survey of people from across the United States gauges the nation's disaster preparedness actions, attitudes, and motivations. The 2023 survey conducted from February 1 through March 14, 2023 included over 7,600 responses. Results from the 2023 survey indicate that slightly more

than half (51%) of Americans believe they are prepared for a disaster and 57% took three or more actions to prepare for a disaster within the last year. The most common actions people took to prepare for a disaster were assembling or updating disaster supplies (48%) and making a plan (37%); the least common actions were planning with neighbors (12%) and getting involved in their community (14%). To review the survey results, [download the summary presentation](#).

Key Findings and Opportunities from the 2023 Survey

- **There were big shifts in the way people prepared for disasters in 2023** compared to the year before. There was a large increase in the percentage of people who assembled or updated supplies (from 33% in 2022 to 48% in 2023), but there was a large decrease in the percentage of people who signed up for alerts and warnings (from 46% in 2022 to 36% in 2023). Emergency managers should remind people that there is more to preparedness than just assembling supplies. When meeting with your community, help people sign up for alerts and warnings right in the moment. Walk them through the process of signing up to receive local alerts while you have their direct attention, so they don't have to remember to do it themselves later on.
- **Only 50% of people believed that taking steps to prepare for a disaster would help them in getting through a disaster and were confident in their ability to take those steps to prepare.** To increase preparedness efficacy, trusted local and community messengers should provide outcome testimonials to demonstrate the value of preparing for a disaster, especially for groups with lower rates of preparedness efficacy.
- **There was a strong association between having awareness of how to prepare for disasters and taking action to prepare.** 89% of people had read, seen or heard information in the last year about how to get better prepared for a disaster. People who had received information about how to prepare were five times as likely to take at least three preparedness actions compared to people who had not received preparedness information. Emergency managers should focus their preparedness outreach efforts on communities with lower awareness of preparedness information because the payoff could be big. Provide tips and strategies for preparing based on a community's specific needs, challenges, and environment. Leverage FEMA's preparedness resources from [Ready.gov](#).
- **There was a disconnect between the 60+ community's perceived preparedness and their preparedness actions.** People who were 60 years old and older were about as likely as people between the ages of 18 and 59 to feel prepared for a disaster (52% and 51% respectively). However, people ages 60 and older were less likely to have taken many preparedness actions compared to people between the ages of 18 and 59. To increase the preparedness of the 60+ community, emergency managers should develop preparedness programming and materials that take into consideration the unique challenges facing older adults and empower them to prepare.
- **Cost barriers may prevent people who are socioeconomically disadvantaged from taking important preparedness actions.** They were less likely than those who are not socioeconomically disadvantaged to have taken higher-cost preparedness actions but

were about as likely to have taken low- or no-cost preparedness actions. Emergency managers should leverage community resources to help those who are socioeconomically disadvantaged overcome the cost barriers to close the gap in taking higher-cost preparedness actions.

- **People living in areas at higher risk of flood and wildfire impacts had lower levels of risk perception** for those hazards. Only 43% of people reported that riverine flooding was 'likely' or 'very likely' to impact them, despite living in areas that are at higher risk of experiencing the impacts of riverine flooding. For higher risk wildfire areas, only 49% perceived their risk of being impacted by wildfires. However, hurricane risk perception (96%) was much higher for people at higher risk of experiencing hurricane impacts. Emergency managers should apply the tools and messaging techniques that effectively communicate risk for hurricanes to build a similar culture of risk perception for floods and wildfires in communities at greatest risk.

ARRL is New Publisher of Gordon West, WB6NOA

[ARRL](#) is the new publisher of the Amateur Radio License Preparation books and related resources authored by Gordon West, WB6NOA.

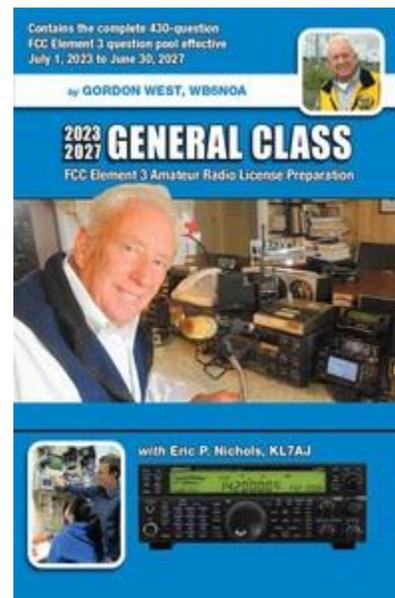
Gordon West's popular books, classes, and audio courses have been a mainstay of amateur radio licensing for over 40 years. Generations of hams have learned from 'Gordo', and now the impact of his knowledge and experience will continue with the reach and resources of ARRL.

Current editions of Gordon West's popular license prep books will be available from ARRL and [ARRL publication dealers](#) soon. Look for the category "Gordon West License Prep" in the [ARRL e-store](#).

The books, including future editions, will continue to be authored by Gordon West with Technical Editor Eric P. Nichols, KL7AJ. Nichols is a regular contributor to ARRL publications and has written several ARRL books. He has collaborated on the Gordon West books since 2013.

Gordon West Named ARRL National Instructor

ARRL Education and Learning Manager Steve Goodgame, K5ATA, has also announced that Gordon



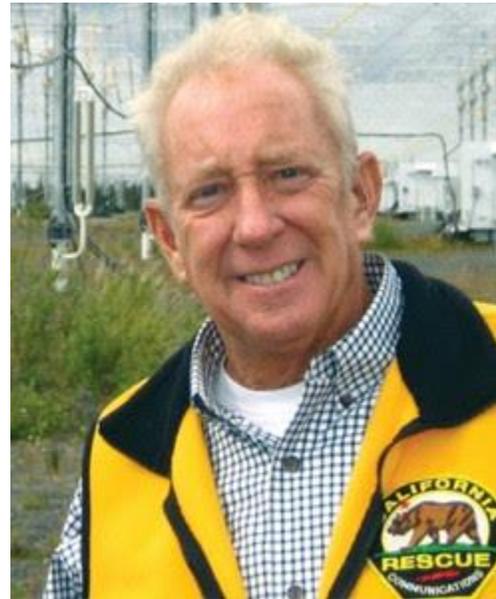
General Class FCC Element 3 Amateur Radio License Preparation, 11th Edition 2023-2027, by Gordon West, WB6NOA, will be available soon from ARRL and ARRL publication dealers.

West has been named ARRL National Instructor.

Goodgame leads ARRL programs that benefit amateur radio [volunteer instructors](#) and [professional educators](#). "Gordon West will serve as the ambassador for the new ARRL National Instructor Program," said Goodgame. "The program will place greater emphasis on connecting prospective hams with opportunities to find [ARRL Affiliated Radio Clubs](#), [classes](#), and [exams](#). The National Instructor Program will also support ARRL volunteer instructors with new resources for teaching amateur radio courses and for developing licensees."

Read more about this exciting collaboration on [ARRL News](#).

[Download the press release here](#) (PDF) and visit www.arrl.org/gordon-west for more information.



Gordon West, WB6NOA.

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](#)



One Question Questionnaire

!!!! I would really like to hear from as many of you as possible. How about going to <http://arrl-ohio.org> and giving me a click? (It's in the bottom left corner of the page) While you're there, you can click the Big Red Arrow to enter into this months Handbook Giveaway!



This week's Question: Do you have a Brick at ARRL Headquarters?

- A) **Yes**
- B) **NO**

From last week's question – Are you a:

- A) **Browns Fan? 52%**
- B) **Lions Fan? 16%**
- C) **Steelers Fan? 2%**
- D) **I could care less! 30%**

That's just about where I thought it would work out!

(This is a subliminal message: Go to the Ohio Section Website, on the bottom left of the landing page answer this week's question. **AND DON'T FORGET** – look for the Big Red Arrow and sign up for the November Handbook give away! It's been reworked in the last week, so it should work for you...)

Ohio Section Cabinet

Section Manager – Tom Sly, WB8LCD	Section Traffic Manager – David Maynard, WA3EZN
Section Emergency Coordinator – Bret Stemen KD8SCL	Section Youth Coordinator – Anthony Luscre, K8ZT
Technical Coordinator – Jeff Kopcak, K8JTK	Affiliated Clubs Coordinator – Amanda Farone – KC3GFU
State Government Liaison – Bob Winston, W2THU	Public Information Coordinator – Elizabeth Klinc - KE8FMJ



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://arrrl-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. You might want to list your location so that prospective buyers know where you're at. 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@arrrl-ohio.org

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://arrrl-ohio.org/news/index.html>



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://arri-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@arri-ohio.org



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@arri-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://arri-ohio.org/news/>

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! Occasionally you may find an error or two in this newsletter – be assured, they were put there on purpose to make sure you're reading the newsletter carefully!