



“October 21st, 2024”

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CQ CQ CQ de WB8LCD

On Thursday, October 9, my wife left on a 10 cruise with her sister and cousins. She returned late last night (Saturday the 19th) so I'm a little late at getting this issue put together. And don't forget the fact that Jenny – KD8LIR, Pebbles (our ferocious Chihuahua) and I have been totally unsupervised for the duration! Back to it.....

MARC hamfest at MAPS a week from today. This has been a good fest and the venue is fantastic! Definitely worth the trip from wherever you are – hope to see you there. The following week on November 2nd is the Ohio ARES Conference at the Ohio Fire Academy in Reynoldsburg. After that is the Grant Hamfest in Georgetown on November 9th and the “Winter Hamfest” in Archibold on December 7th. After that it will be mostly local club Christmas Parties and don't forget all the CONTESTS and Special Event stations on the air! Ya know, for a small hobby that some claim is dead, there sure are a lot a activities to be involved with!

Check out the latest ARRL GLD Newsletter -

https://arrrl-greatlakes.org/glnews/2024/10-radio_waves.pdf

Share the Magic of Radio.

73,

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



National News

(from ARRL and other sources)

Radio Orienteering Championships Held in Michigan

The 23rd USA and 12th IARU Region 2 Radio Orienteering Championships, held October 5 - 13, 2024, brought together more than 50 competitors from 13 U.S. states, as well as participants from Canada, Australia, Uganda, and China.



William Wright, WB6CMD, from California's Bay Area Orienteering Club, William [Ken Harker, WM5R, photo]

Set in the scenic parks and forests near Chelsea, Dexter, Pinckney, and Brighton, Michigan, the event was organized by the [Southern Michigan Orienteering Club](#) (SMOC), with communications and logistics help from the [Chelsea Amateur Radio Club](#), an ARRL Affiliated Club.

Radio orienteering, or Amateur Radio Direction Finding (ARDF), blends navigation using a map and compass with radio transmitter hunting. This sport not only provides a challenging competition but also has practical applications in search and rescue, wildlife tracking, and defense communications.

Competitors faced difficult terrain, signal reflections, and elite-level navigation challenges, while beginners were welcomed with coaching and a two-day training camp held before the championships. A highlight was a search and rescue exhibition featuring Civil Air Patrol volunteers.

Medals were awarded across various categories, with standout performances in both women's and men's divisions. These results will factor into the selection of Team USA for the next World ARDF Championships. For complete results, photos, and further details, visit radioorienteeringchamps.us.

ARRL Student Membership

ARRL Student Membership was established to increase youth participation and long-term involvement in amateur radio. Student members can access ARRL membership benefits including the digital versions of ARRL magazines, and the extensive courses and training materials available through the ARRL Learning Center.

Please note: ARRL requires age verification for all student members. Parental/Guardian consent is required for applicants under 18 years of age. Student memberships are not eligible for add-on printed membership magazine subscriptions. Student membership benefits are subject to other restrictions and exclusions.

Student Membership options:

- **Option 1: Full Student Membership.** Dues rate \$30 per year. This low-cost membership option is available to US Amateur Radio licensees under the age of 26 years. Applicant must be a resident of the US, its possessions, or Puerto Rico. A full member may vote in ARRL elections for Division Director, Vice Director, and Section Manager. Other restrictions and exclusions may apply.
- **Option 2: Free Student Membership.** This no-cost, Associate membership option is available to full-time students aged 21 years or younger. Applicant must be a resident of the US, its possessions, or Puerto Rico. Free Student Membership excludes access

to the ARRL E-mail Forwarding Service, and Associate members may not vote in ARRL elections. Other restrictions and exclusions may apply.
Become an ARRL student member today!

To JOIN with a Student Membership - <https://form.jotform.com/241074273604047> **or**
To RENEW a Student Membership - <https://home.arrl.org/action/My-Account/Pay-Balances>

The fifth Youth on the Air Camp for the Americas has been scheduled for June 15 - 20, 2025.

The camp will be held in Thornton/Denver, Colorado, and welcomes young amateur radio operators from North, Central, and South America. The camper application period will open online December 1, 2024, at youthontheair.org. Eligible youth are licensed amateur radio operators between ages 15 and 25. Up to 50 campers will be accepted and priority will be given to first-time attendees and to youth residing outside of the USA. Past campers may apply to be considered to serve as leaders during the camp. Potential campers residing outside of the United States are encouraged to immediately begin the process of obtaining the necessary passport (and appointment to obtain a tourist visa, where applicable) as processing times may extend for several months. For details about the camp and/or to sign up for updates by email, visit the camp web page at youthontheair.org/denver2025. Dates and locations for the inaugural 2025 subregional camp(s) and the inaugural 2025 YOTA Junior USA camp (for under age 15) will be announced as soon as they are available. For additional information, please contact Camp Director Neil Rapp, WB9VPG, at director@youthontheair.org.

Throughout November, members of [Radio Club Limburg \(RCLB\)](#) in the North Limburg region of the Netherlands, will activate special event station **PF16F.** The event marks the retirement from the Royal Netherlands Air Force of the F-16, or Fighting Falcon, aircraft after 45 years of service, from 1979 to 2024. RCLB members hope to contact amateur radio operators around the world in November. QSL information is available from QSL Manager [PD8RW](#). For additional information, visit the club's website.

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.

Calling all Technician Licensees

Calling all Technician Licensees. Work dozens of new countries in one weekend:



1. 10 Meters is wide open due to current sunspot activity
2. You have SSB privileges from 28.3 to 28.5 MHz

3. The CQ WW SSB Contest will have thousands of stations on the air.
4. Find your CQ Zone # (that is the exchange you will give) at <https://cqww.com/resources.htm> i.e. 599 4 for me in Ohio.
5. Watch the video on making SSB Contacts - <https://youtu.be/rtum0RYT6H0>
6. Get on the air 10/25 Friday night (0000 UTC Saturday) through 2359 UTC Sunday 10/27. Full CQ WW SSB Rules at <https://cqww.com>.

Making HF Radio SSB Contacts



Anthony Luscre, K8ZT

For more information on Contesting- <https://youtu.be/-n5CLG0I1Yw>

Intro to Amateur Radio Contesting

**Anthony Luscre,
K8ZT**



*Tim Duffy, K3LR
(This Pennsylvania contesting superstation is
about 50 miles east of my station)*



For More Information on 10 Meter- <https://youtu.be/im3dbYRkvGo>

10 Meter Band Fun For All

Anthony Luscre, K8ZT



10 Meter Considerate Operator's Guide			
All Licenses (Technician)		General, Advanced & Extra	
CW & Data	Phone (SSB Only)	Phone & Image	AM, FM Simplex & FM Repeaters
28,000-28,299	28,300-28,499	28,500-28,899	29,000-29,699
28,000 CW	28,300 SSB	28,500 SSB	29,000 AM
28,074 FT8	28,414 10-10 Nets	28,660 SSTV	29,200 Repetitor Inpds
28,080 FTTY	28,485 CAMP SSB Calling	28,800 10-10 Nets	29,510 FT8 Simplex
28,100 FT4			29,585-29,695 FT8 Simplex
28,170 PSK			29,680 PH Simplex Calling
28,174 Automatically generated data records			29,680 Repetitor outputs
28,180 Beacon			
28,190 Beacon			
28,200 Beacon			

For more information on Logging- <https://www.qsotodayhamexpo.com>

Logging Software - General & Contesting



Anthony
Luscre,
K8ZT



[/player-august.html?link=NTk2ODIxMDQy](https://www.qsotodayhamexpo.com/player-august.html?link=NTk2ODIxMDQy)

Club Grant Program Update

The ARRL Foundation Club Grant Program

is currently reviewing all 110 applications received from clubs across the country. These represent projects large and small and are evaluated for their completeness and transformative value to the amateur radio community. Reviews will continue through the last of October, with final decisions and announcements coming in November. The Club Grant Program is made possible through the support of ARDC and the ARRL Foundation. Projects typically range from station constructions or upgrades to the creation of educational programs. Additional information will be made available as reviews conclude.



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: January 20, April 27, 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/>>

Alliance Amateur Radio Club

The Alliance Amateur Radio Club holds VE testing at the Christ United Methodist Church in Alliance. The address is 470 E. Broadway St, Alliance, OH (<https://maps.app.goo.gl/prDyEPp6siJun2ibA>).

Upcoming 2025 Exam Dates are To Be Determined. Watch for more info

We begin registration at 8 AM, with testing at 9am.
More information can be found at www.w8lky.org/licensing/ve-exams/.

All Things Amateur Radio Association (ATARA) hosts testing sessions every second Tuesday of the month in Lancaster. Our testing sessions use Examtools, a digital testing platform, and administers the exams on tablets. Simply sign up for a free account at <https://hamstudy.org/register> and then search for our session and register through the Hamstudy website. Reach out with any questions to Jarrod – KE8MBL 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

The Findlay Radio Club

The Findlay Radio Club sponsors an Exam Session the second Saturday of every month except September when we have our Hamfest. The Exam Session takes place at the Findlay Radio Club, 1333 West Sandusky St., Findlay Ohio 45839. The session begins at 9 AM. Pre-registration is recommended, but not required. You can pre-register at hamstudy.org. We can also give Exams remotely on-line on your schedule if you can't make to a session.

The club has meetings on the first and third Thursdays at the clubhouse at 7:30 PM. The meetings are also available on Zoom. Contact N8ET if you would like to log in. All are welcome.

We also meet at the club on Sunday afternoon from 2 until 5 (or later!) to talk about anything Ham Radio. The sessions are geared toward new Hams. Everyone brings their questions and equipment they would like to show off or learn how to use. This Sunday we are going to install and learn to use Fligi, Flmsg, and Flamp. In past sessions we have built antennas, fired up new rigs, and generally had a good time!

The next meeting (Feb 15) will cover the same topic. Bring your laptop!

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, May12, 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. 10:00AM til Noon. 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, April 6
Saturday, June 1

Saturday, August 3
Saturday, October 5
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)

The

Lancaster and Fairfield County Amateur Radio Club (LFCARC) hosts exam sessions on the first Saturday each month at 10:00 am in Lancaster Ohio at the Fairfield County EMA, 240 Baldwin Dr., Lancaster Ohio.

To register for an exam, [Click Here](#).

Questions: Contact me at ve_testing@k8qik.org.

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 Madison County Amateur Radio Club Laurel testing group offers 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. There is no Fee for testing. Pre-Registration is not required but preferred. Walk-ins are welcome. You are required to have an email address and a copy of your FRN or current ham radio license. For more information or to get pre-registered send email to Exams@mcarco.org .

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)

Six VE testing sessions in 2024. Registration is appreciated but walk-ins are welcome. Contact Elaine, KC8FOS for more information or to register. ewilkinson1951@gmail.com or 216-337-4235 Saturday, Jan 6. Fairview Park Library. 21255 Lorain Rd., Fairview Park. 10 AM. Sunday, March 10. NOARS Hamfest. Lorain County Community College. 1005 Abbe Rd. N., Elyria. 9 AM.

Saturday, May 4. Fairview Park Library. 21255 Lorain Rd., Fairview Park. 10 AM. Saturday, July 20. NOARSfest. Lorain County Community College. 1005 Abbe Rd. N., Elyria. 9 AM. Saturday, September 7. Fairview Park Library. 21255 Lorain Rd., Fairview Park. 10 AM. Saturday, November 2. Fairview Park Library. 21255 Lorain Rd., Fairview Park. 10 AM.

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 sessios 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/>



ARES Conference

Come join us for All Ohio ARES Conference

Informative Presentations

Door prizes

Bring your Go-Boxes and Comms vehicles to display.

Doors open at 08:00, Sign in from 08:00 – 08:30 Seating is limited,
please register today to reserve your seat.



November 2nd
8am – 3pm

Ohio Fire Academy, 8895 E. Main St. Reynoldsburg, Ohio 43068 Registration required, [Register here](#)

SET 2024:

The Simulated Emergency Test was October 5th 2024, the SARGE was open for those of you who were operating on the 5th. We were able to make a couple of contact via HF, but the band conditions were spotty at best. The staff was able to pass some traffic on the local traffic net. As I had mentioned earlier this year, each county may conduct an exercise and use the exercise as their SET any time they chose. Each county will be creating their SET/Exercise based on their county's needs. Your SET report will still need to be submitted by the end of the year. The 2024 SET forms are available. <https://ares.arrrl.org/aresset/>

Ham Radio Serving Southeast US Recovery Efforts 10/04/2024

ARRL® The National Association for Amateur Radio® is tracking how amateur radio is proving critical in areas hit hard by Hurricane Helene, especially in North and South Carolina, portions of Tennessee, and beyond. In the hardest-hit Asheville, North Carolina, area, homes and entire towns have been swept away by flood waters and mudslides. Over 200 people have been killed, and many more are still missing.

Widespread devastation has damaged the power grid and roads, and many residents are without cell phone service and other utilities. For several days, radio communications were the only means of passing information. Ham radio continues to play a significant role in this situation. In North Carolina, all official emergency radio communications are done through NC AUXCOMM.

NC Division of Emergency Management Senior External Affairs Specialist Brian Haines says hams are deployed. “Amateur radio operators are working side by side with first responder communications personnel all over Western North Carolina. Needless to say, we are interested in highlighting all they are doing but at this point they are heavily involved in response efforts, which is where we need to focus,” he said.

Winlink, which provides email over amateur radio, has been used significantly in the recovery. ARRL Director of Emergency Management Josh Johnston, KE5MHV, says the recent FCC removal of symbol rate restrictions has allowed a streamlined response using modern technology. “Winlink is an example of how modern tools work well within the Amateur Radio Service. Not having to petition the FCC for a waiver of the old rules allowed Winlink to be used immediately during this emergency,” he said. ARRL had advocated for the change, which was implemented in 2023.

Significant stories of the response from individual hams is emerging, particularly from those who have created pop-up nets to pass health and welfare traffic. Using mountaintop repeaters that have robust power backups, HF frequencies, and Winlink, ham radio operators are putting in their time, talents, and personal gear to good use.

The local news media in affected areas has connected with several radio amateurs to highlight their work. CBS 17 in Raleigh reported on Van Lee, KM4TC, who helped families trying to get information on loved ones. In Charlotte, Queen City News told the story of Dan Gitro, K2DMG, who has been providing information to hams about current conditions as well as passing along messages to loved ones.

Countless other hams have stepped up by passing traffic and providing information. ARRL seeks to tell those stories of selfless service as the operators find time. Amateur radio has been serving communities even before the storm hit. The Hurricane Watch Net, VoIP Hurricane Net, and WX4NHC, the amateur radio station at the National Hurricane Center, were all active as the storm churned towards Florida. In the 25 hours that the net was active, hams passed along over 100 surface reports that were used by forecasters to make more informed decisions about the storm.

Hurricane Helene made landfall near Perry, Florida, on the evening of Thursday, September 26, as a Category 4 storm. With winds of 140 miles per hour, it was the strongest hurricane on record to slam into Florida’s Big Bend. In Florida, Amateur Radio Emergency Service® (ARES®) volunteers were embedded with county officials and at the State Emergency Operations Center. As the storm moved north, the worst impacts were felt. Officials have classified the rainfall near Asheville as a 1,000-year event. The impact started to emerge over the weekend of September 28—29.

ARRL leadership was in touch with field organization volunteers in the impacted area throughout the weekend. On Monday, a call was held to see what resources may be needed. A

clear challenge of logistics emerged. Entire road networks are unpassable. General aviation pilots have been working, as they do during major disasters, to use donated aircraft to ferry in relief supplies. Ham radio operators have been working with Operation Airdrop and other volunteer groups to help provide communications support. Dozens of private helicopters have been flying in supplies, as have military assets.

In Tennessee, hams have rallied to return repeaters impacted by the storm to service. Section Manager of the ARRL Tennessee Section David Thomas, KM4NYI, reports that a request for help on the TN ARES net resulted in batteries being donated and delivered to return the W4KEV repeater system to service, including the 145.410 machine located on Viking Mountain in Greene County, Tennessee, which covers much of the area in North Carolina and Tennessee that was decimated. As connectivity via phone and data networks continues to return, ARRL expects more stories of amateur radio serving communities will emerge. While commercial communications networks and utilities are increasingly more resilient, Hurricane Helene has demonstrated that amateur radio is a critical partner that works When All Else Fails®. This is why we have training, we need to keep our skills up. From ARES Nets, traffic nets and club nets. These nets are a great time to practice your NC skills, I'm sure that the local net manager would be happy to add you to the net control list. If you think that you would not be a good NC operator or afraid to, those of us that have experience as NC also mess up from time to time. This is why we have practice nets.

Please keep those effected by the recent hurricane in your thoughts and prayers as the recovery efforts continue.

I sincerely appreciate all you do for your neighbors, and for the Ohio Section!

Bret KD8SCL, SEC

Grant Amateur Radio Club **November 9th 2024**

146.730 mhz - Brown County, Ohio - PL 162.2 hz

This is our 24th Annual Ham Fest!

Each year in November the club holds its yearly ham fest! The club pulls together to offer many exciting activities as well as an indoor vendor area and flea market. Our great food and lots of other hams to chat with make it a great day!

Over \$1000 in prizes to be given away!

The club will be conducting license testing for earning or upgrading your license. Contact the club for more information.

**November 9, 2024 8:00 am – 12:30 pm
406 West Plum Street
Georgetown, Ohio 45121**

**Admission: \$2.00 per person
Advance tickets are available!**

**Vendors and Flea Market:
Tables are first come!
Vendor Setup: Saturday Morning 6 am**

**Contact Ken Klosterman at 513-515-6726
or by email at KD8FKU@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-lited here for the other OH Section Clubs to see! Send to WB8LCD@ARRL.ORG

ARLD039 DX news

This week's bulletin was made possible with information provided by KW7R, The Daily DX, 425 DX News, DXNL, OPDX, Contest Corral from QST and the ARRL Contest Calendar and WA7BNM web sites. Thanks to all.

RODRIGUES ISLAND, 3B9. Kazu, M0CFW is QRV as 3B9/M0CFW until November 27. Activity is on the HF bands. He will be active as 3B9KW in the upcoming CQ World Wide DX SSB and CW contests. QSL via LoTW.

ROTUMA ISLAND, 3D2. Members of the Rebel DX Group are QRV as 3D2V and 3D22 until October 30. Activity is on 160 to 10 meters using primarily FT8 in the SuperFox and MSHV modes. QSL via Club log.

MALAWI, 7Q. A group of operators will be QRV as 7Q1 from Lilongwe from October 23 to November 2. This includes being an entry in the upcoming CQ World Wide DX SSB contest. QSL via EA7FTR.

GUYANA, 8R. Aldir, PY1SAD is QRV as 8R1TM from Georgetown until November 24. Activity is on the HF bands, and 6 meters from Grid Square GJ06vs, using CW, SSB, various digital modes, and on various Satellites. QSL to home call.

NAURU, C2. A group of operators are QRV as C21MM until October 29. Activity is on 40 to 6 meters using CW, SSB, RTTY, and FT8. QSL via DL4SVA.

MOZAMBIQUE, C9. A group of operators are QRV as C91BV until October 24. Activity is holiday style on the HF bands using CW, SSB, RTTY, and FT8. QSL via EB7DX.

CAPE VERDE, D4. Claudio, HB9OAU will be QRV as D44OA from Sal Island, IOTA AF-086, from October 24 to November 5. Activity will be holiday style on 40 to 6 meters using CW and SSB. This includes being an entry in the upcoming CQ World Wide DX SSB contest. QSL via LoTW.

NIUE, E6. Jacek, SP5EAQ will be QRV as E6AQ from October 22 to November 9. This includes being an entry in the upcoming CQ World Wide DX SSB contest. QSL via SP7DQR.

THAILAND, HS. Special event station HS19IARU is QRV until November 10 to mark the 19th IARU Region 3 Conference being in Bangkok by the Radio Amateur Society of Thailand. QSL via LoTW.

OGASAWARA, JD1. Koutarou, JP1IHD will be QRV as JD1BQP from Chichijima Island, IOTA AS-031, from October 21 to November 3. Activity will be on 15 to 6 meters using SSB, FT8, and FT4. This includes being an entry in the upcoming CQ World Wide DX SSB contest. QSL direct to home call.

FERNANDO DE NORONHA, PY0F. A group of operators are QRV as PX0FF until October 21. Activity is on 160 to 6 meters, including 60 meters, using CW, SSB, and FT8 in MSHV mode. QSL via DJ4MX.

TURKEY, TA. Special event station TC101TC is QRV until October 29 to commemorate the founding of the Turkish republic 101 years ago. QL via LoTW.

MARSHALL ISLANDS, V7. Don, KW7R is QRV as V73KW until September 2025. Activity is in his spare time on the HF bands using mostly CW and FT8. QSL via LoTW.

VANUATU, YJ. Operators N4VGE, K4QQG, K1NZ and K2SAV are QRV as YJ0VV, YJ0JS, YJ0NZ, and YJ0SA, respectively, until October 30. Activity is on all HF bands. This includes being entries in the upcoming CQ World Wide DX SSB contest. QSL via operators' instructions. In addition, Chris, VK2YUS will be QRV as YJ0CA from Efate Island, IOTA OC-035, from October 23 to November 4. Activity will be on 40 to 10 meters using SSB. This includes being an entry in the upcoming CQ World Wide DX SSB contest. QSL direct to home call.

CHATHAM ISLANDS, ZL7. Holger, ZL3IO is QRV as ZL7IO until October 31. Activity is on the HF bands. This includes being active in the upcoming CQ World Wide DX SSB contest. QSL via DK7AO.

The ARRL School Club Roundup runs from October 21 to 25.

Please see October QST, page 77, and the ARRL and WA7BNM contest websites for details.

Upcoming *Hamfests*



Ohio Hamfests

2024

10/27/2024 - 2024 MARC Hamfest at MAPS

Location: N. Canton, OH

Type: ARRL Hamfest

Sponsor: Massillon Amateur Radio Club

Website: <https://www.w8np.net>

Learn More

12/07/2024 - Winter Hamfest

Location: Archbold, OH

Type: ARRL Hamfest

Sponsor: FCARC

Website: <https://k8bxq.org/hamfest>

Learn More

If you have information for your 2025 hamfest get it into the ARRL! As soon as I see them approved and added to the ARRL site, I'll start getting them listed here.

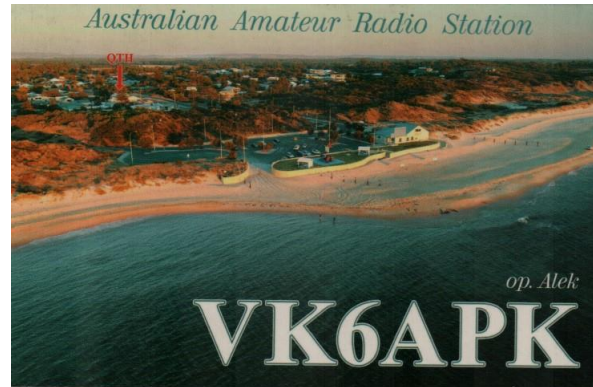
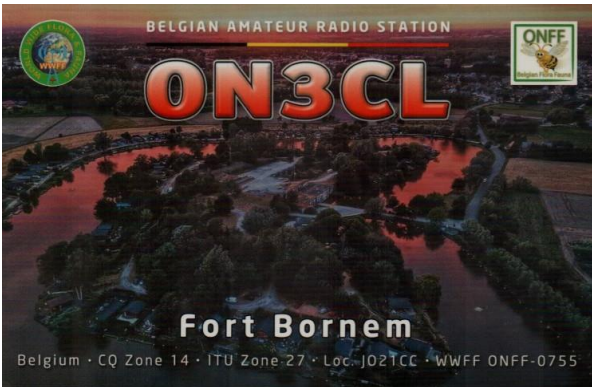
DX This Week – #305

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

C21MM and PX0FF have been very active, all over the bands. Vanuatu come up on frequency this week as well. I can remember back a few years ago when it was a challenge to work Europe or into Asia. Now, it is easy – don't get spoiled – Work 'em while you got 'em.

Below are a few cards that I received from the Buro. The first is a card celebrating the international hockey games held in Denmark – it is 6 years old. That is the downside of using the QSL Buro. The second was from an Italian castle in the Alps. Two interesting things there – I don't think of Italy as being in the Alps, and I don't think of Italy having castles. The third card is from a Fort in Belgium. The final card is a beach shot from Australia. What did you get?





DAH DIT DIT DIT DAH DAH DIT DIT DIT DAH

Over the past few weeks, we have discussed some techniques that might allow you to work the DX that is in the pileup. I have one more thing to pass along to you. This was given to me by Wayne, K8LEE, many years ago. He suggested that I keep a few index cards handy. On the index card, place some vertical tick marks on the horizontal axis and below each mark put +1, +2, +3 etc. up to 10 and maybe a few before. You can also use +3, +5, +8 etc. for SSB.

When you are listening to a pileup, pay particular attention to where the station was that was just worked transmitted. If it was 3 KC off the calling frequency, just put a small check mark under the +3. Then listen and track the operator. We are all creatures of habit, and it helps to know where the operator might call next.

I used this technique with PXOFF, and the operator used the following repetitive pattern: +2, +4, +5, +6, +9! He then started over. I was able to move to a spot at +9 and worked him there. He was sending "UP" but not how much.

There was another operator that I tracked closely that would go +2, +4, +6, -2, and then start over. If you listened down 2, NO ONE was there. Easy to work. I am sure that this seems very simple, but I am easily distracted, and it does help me focus on what the operator was doing. Of course, as you know, the key is listening!
Hope this helps.

DAH DIT DIT DIT DAH DAH DIT DIT DIT DAH

Here is what is happening in the World of DX:

This section of DX News comes from Bernie, W3UR, editor of the DailyDX, the WeeklyDX, and the How's DX column in QST. If you would like a free 2-week trial of the DailyDX, the only source of real-time DX information, just drop me a note at thedxmentor@gmail.com

We have some news from a ham in **Vietnam**. "After 14 years of fun as 3W3B it was time to renew my license to comply with new GOVT Regulations" says Bruce Ault (aka AA4XR, HS0ZCY and XU7ADF). He is now **XV9B**. QSL via E21EIC and LoTW.

Per Centro Radioaficionados Montevideo (CRAM), the Uruguay DX Group should be QRV by now from **Mozambique**. They will continue until October 24. Uruguayan radio amateurs will be active with the callsign **C91BV** on CW, SSB, RTTY, and FT8. They describe this as a vacation-style activity.

They say, "After too long without traveling with radios since our 2019 5WØH activity in Samoa, finally the group has overcome several difficulties such as getting an authorization to transmit, paying for expensive visas, obtaining yellow fever vaccination certificates, buying different tickets and coordinating stopovers, renting hotels and transportation, etc. They plan to be active with two 100W stations, a Moxon antenna for 17 and 12M, a multi-band Spider beam, and two end-fed long wires for 40-6M CW, SSB, RTTY, and FT8, depending on the conditions and the demand of the correspondents. They will also be on 28400 KHz daily for schedules with friends back home in Uruguay. QSL via EB7DX.

DF2WO, Harald, is currently QRV from Kigali, **Rwanda** as **9X2AW** through October 23. He has a Yaesu FT-991A, a multiband dipole, a bamboo hex beam, and a four-element Yagi for 6M. He will also have a dish for QO-100. QSL via MØOXO.

The first six **Nauru, C21MM** team members arrived mid-week and got straight to work. “After another overnight flight and nearly no sleep, we installed the two-element wire beam on Wednesday local evening and started C21MM in the dark with three stations on 20 and 10M.” Their hotel did not allow radio operation, so they booked an Airbnb about one kilometer away in Anibare. “This QTH is not perfect, as there are some higher hills to the West. Internet and QRM noise are fine. Still conditions are very poor.” They also say that “We had some problems with different FT8 programs but hope to get it improved soon. No success with new SuperFox.

Therefore, version WSJT-X 2.7.0-rc7 is needed...Our first QSO was at 0723 UTC on October 10 and the log showed 2,000 QSOs after 12 hours...We are searching for a better QTH...We await the [arrival of the] rest of the team on Monday and will decide what to do then.” They still expect that full operation with five stations on the air 24/7 will begin October 15 in the evening (local time is UTC plus 12 hours). They will pay special attention to their sunrise and sunset for low band openings. The team is grateful for the generous donations from early supporters. Their QSL manager has received the LoTW certificate for C21MM, and QSLs and LoTW confirmations will be sent out after their return in November. News and pictures will be published on their website; they will also be on X (formerly Twitter). Questions, tips, hints: email C21MM.

G3XTT, Don (**5X1DF**) says that he is returning to **Uganda**, 5X, November 13-27 with G3XAQ, Alex (5X1XA). They will be in the CQ Worldwide DX Contest, CW, Don on 40M and Alan on 15 or 10M. They expect to be QRV prior to the contest on various bands, Don on CW and “probably some FT8” and Alan on CW. QSL Don at his home call, and Alan via G3SWH.

F5SGI, Jean-Marc, will be **on Reunion Island** November 7-18, QRV on CW only on 40-10M as **FR/F5SGI**. QSLs will be automatically sent via the bureau and LoTW.

If you need **Antarctica**, here is your chance. Look for F4FKT, David, to be QRV again as **FT4YM** in his spare time during his next work assignment. He departs France on October 24 and expects to arrive on-site at the beginning of November. During this, his fourth trip to the White Continent, he will be “based in Concordia” until the end of January 2025. David will be active on 20, 17, and 15M SSB, RTTY, FT8, and SSTV, and plans side operations from Zuccheli and Cassey on 40M. QSL via F5PFP.

TI2JJP, Jose, is currently on **Cocos Island, TI9**. Jose took with him a rig and wire and obtained permission from Costa Rica’s National Park Service to stay at the main house on the island. So far, his activity has been on 10M FT8. However, while trying to set up the FT8 program, Jose apparently set up this callsign as TI9/I2JJP, without the leading “T”. TI2CC, Carlos, called Jose on a satellite phone to inform him of the error. Jose has now been able to correct the problem.

We have a **PX0FF, Fernando de Noronha** update - We just passed 80000 QSOs (after 7 days resp. 167 hours of operating). The noise situation on 160m didn't get better last night. We will relocate the EU/Asia Beverage today.

Mixed feelings about 50 MHz yesterday. The 50313 spectrum was completely overloaded with stations; however, it was difficult to complete contact because everybody kept on calling with their grid - and not moving forward with a report. That blocked us minute after minute and was very disappointing to watch. Trying to QSY to 50316 was only understood by very few stations and more time was lost.

When such a big opening happens again, please watch DX Cluster closely to understand what we need.`

C5RK by F4GJE, Billy, will be active from **The Gambia, C5**, January 4-5, 2025, followed by **6W1RD** January 11-12, from **Senegal**. Both, he says, he will be on 80-10 "depending on propagation," SSB and FT4/FT8.

JD1BQP from **Ogasawara** will be active again by **JP1IHD** again, will be on Chichijima, IOTA AS-031, October 21 to November 3, including the CQ WW DX SSB weekend. On the weekdays the FT4 and FT8 modes will be added to the SSB, with a focus on 15, 12, 10 and 6. QSL direct to **JP1IHD** or bureau to **JD1BQP**, and he will upload to LoTW and Club Log.

As most of you know there is a civil war in Sudan since mid-April 2023. **ST2M**, **Magdy Othman Ahmed Abdel Rahim**, was stuck on Tuti Island, an island at the point where the White Nile and the Blue Nile merge, for the past 19 months. He recently returned to Berber and is in good health.

If you are someone who likes podcasts and/or YouTube episodes, The DX Mentor has two new podcasts/YouTube segments to review. The first is with the **S9Z**, the DXpedition to Sao Tome & Principe. The second is the upcoming **3D2Y** DXpedition to Rotuma. Check them out on YouTube or wherever you get your podcasts by searching for The DX Mentor.

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!

The contest to prepare for is the CQWW SSB contest October 26th and 27th. The side benefit to both this contest and the CQWW CW contest at the end of November is the DX that you can work before and after the contest.

Before the contest, testers are going to remote locations and will spend considerable time on the air testing their rigs, antennas and propagation. After the contest they often hang around for a few days enjoying the location they are at and spending more time on the air. It is a great time to fill band slots and to pick up an ATNO. Keep your eyes and ears open!

Contest	Start Date	End Date
CQ WW DX Contest, SSB	10/26/2024	10/27/2024
CQ WW DX Contest, CW	11/23/2024	11/24/2024
ARRL 160M contest	12/6/2024	12/8/2024
ARRL 10M Contest	12/14/2024	12/15/2024

OHIO'S



Thanks for the feedback received regarding my observations of the Helena devastation in the Asheville, NC region. Although the region is used to problems caused by snow and ice, the amount of rain and strong winds was something totally unexpected. The power of water is something we generally don't think about until it's too late. And the amount of water needed to move mountains is not as much as one would think. My sister says things are returning to normal although the largest supermarket in the area is still closed because of damages and lack of power. Their generator was shut down after almost a full week of running 24 hours a day. She states some people will not have power until later in the month. Some local schools are still closed because of

destroyed water and sewage lines. However things are improving as she experienced the mailman on his daily route for the first time late last week.

Many say something as destructive as Helena couldn't happen in our region. But what if in that once in a thousand years event did hit and we got 22 inches of rain in 48 hours along with 80 MPH winds what would our area look like? And though our terrain is not like that in Western North Carolina how would we fare? Also, after making sure our families are safe, would we be willing and able to help with recovery efforts?

Again, thanks for the feedback.



Russ and Milton Perry remind us the **Vinton County ARC** will hold their first W8VCO Swap Fest from 8 AM until noon at the Community Building in McArthur on October 26. Vendor setups are on a first come, first serve basis. A \$5 donation for admission would be appreciated. Because this is the Club's first effort at sponsoring a hamfest let's give them our full support.

N8ZNR and I look forward to seeing you there.

Mark November 9 on your calendar to celebrate the return of the **Grant RC**'s always popular hamfest in Georgetown. COVID and location issues have sidelined the event for the past couple of years, so this return is welcome news to the many hams in the Western reaches of the South 40. Flea Market setup begins at 6 that morning with tables available first come. Admission is \$2 per ticket with over \$1,000 in prizes to be awarded throughout the day. Besides tickets at the door, the **Highland ARA** also has tickets available. HARA members will be at upcoming meetings in Chillicothe, Wilmington and Portsmouth plus the McArthur hamfest with tickets. 406 West Plum Street in Georgetown is the hamfest location.

Since our last column, I understand four new hams have been added to the Ohio's South 40 number We would like to welcome new Generals Michael Pape, KF8CIE of Loveland and Lynette Hallmark, KF8CJL of McConnelsville. Wallace McClurg from West Portsmouth is now KF8CHL and Lee Rossman from Loveland is now KF8CJI. Congrats and welcome to each.

The Ohio Endurance Series Bobcat Trail Marathon will take place on November 9 at Burr Oak State Park. It consists of two events (a marathon and a half-marathon) each starting at 8 AM from two separate locations within the Park. For a number of years the **Athens County ARA** has provided communications for the event and Jeff Slattery, N8SUZ, is again requesting assistance. If you have an interest seeing how you can assist, please contact Jeff at 740-541-0972.

Although the holiday season is some weeks away, the **Highland ARA** has already set the menu for their annual Holiday Dinner Meeting. If a \$6 beef tip and/or glazed ham meal with sides,

drinks and deserts catches your attention, watch for more details for the December 10 event to be posted as the time nears. The **Scioto Valley ARA** will have their holiday dinner on December 7 in the large meeting room at the Pike County Airport. It will start at noon with a catered menu of items.

As we move towards the final quarter of the year, several clubs are in Election Gear. The **Highland ARA** already has opened nominations and state all positions have been spoken for. This month's meeting agendas for the **Tri-State ARA** and the **Athens County ARA** include election activities. The **Scioto Valley ARA** has also started it's search for 2025 officers.

Speaking of the **Scioto Valley ARA**, Kathy and I want to thank President Jesse Stanley, KD8CHP, and their members for the warm welcome we received at their Thursday evening meeting.

Billy Massie, AA8KY, tells me a number of hams living in the lower Scioto River Valley gather on Friday mornings at Barlow's restaurant near Lucasville. It is located on SR 104 north of Lucasville. Any ham in the area (or those passing through) are invited to drop in. The gathering usually starts around 9.

One of the annual operating events I try not to miss is the ARRL's November Sweepstakes. For those of you not familiar with the event, it is in two parts spread over two weekends. The CW portion is from Saturday, November 2 until Monday November 4. Then the Phone part begins on Saturday, November 16 and ends on Monday the 18th. It is often referred to as the "premier domestic contest in the US and Canada". For those of you chasing awards, it is possible to work all states during a single weekend, pick up a few new DXCC credits or even some new counties for those working towards the USA-CA. See page 79 of the October QST or visit www.arrl.org/sweepstakes for more information.

In the meantime here's hoping each of you has an enjoyable week and finds some time to be radio active.

John Levo, W8KIW

jlevo@cinci.rr.com or highlandara@gmail.com or 937-393-4951 (landline-leave a message)

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](#)

https://arrl-ohio.org/wp-content/uploads/2024/07/print_your_license.pdf

Ohio Section Cabinet

Section Manager – Tom Sly, WB8LCD	Section Traffic Manager – Dan Rinaman AC8NP
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 Kline - 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... <https://arrl-ohio.org/section-swap-shop/>

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@arrlohio.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:

<https://arrl-ohio.org/ohio-section-newsletter/>



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....

<https://arrl-ohio.org/ohio-club-newsletters/>

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

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 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: <https://arrl-ohio.org/ohio-section-newsletter/>

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!