



“December 25th, 2023”

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CQ CQ CQ de WB8LCD

I hope the tree at your house was loaded with boxes, and one or two that might have contained some needed radio gear! More than that, I hope your tree was an expression of love to and from family and friends. I hope you all enjoyed the spirit and the Joy that Christmas is all about.

IMPORTANT CORRECTION

Words have meaning, sometimes I get things mixed up and this is one of them! Last week I announced that on Saturday, March 23rd we are planning an “Ohio Section DIGITAL Conference”. A more accurate way of announcing that would have been an “Ohio Section VIRTUAL Conference”. My apologies for any confusion I caused with that. But my statement here does not imply that there *won't* be any sessions on Digital communications. Stay tuned, and save the date: March 23, 2024.

2024 is shaping up fast to be an exciting year for Amateur Radio and lots of good things are happening. Buckle up – It's gonna be a Fun Year!

Share the Magic,

73,

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



Youth Net

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.

***December is a busy month. We'll take a break and restart on Sunday January 14th, 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)

***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 VERY BIG DEAL!

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!

ARRL's Year of the Volunteers Success

2023 has been a remarkable year for amateur radio. There were many noteworthy opportunities for hams to use their license privileges for the greater good. An annular solar eclipse saw [radio amateurs engaging in projects of scientific research](#) about our ionosphere, devastating firestorms gutted entire cities and [saw Amateur Radio Emergency Service member-volunteers rise to activate](#), [hurricanes threatened life and property](#), bicycle races [spread across the desert](#) necessitating robust communications provided by hams, and high school students [led and executed contacts with the International Space Station](#). Many amateur radio operators stood to serve in ways that made headlines, and all of them were volunteers.



Still, tens of thousands of others did work that never made the pages of *QST*, didn't become the lead story on the local news, and didn't become fodder for online forums. Perhaps it was the ARRL VE who administered tests, welcoming the next generation of hams into the hobby, or the National Traffic System net manager who handled traffic from hams checking in. It could've even been the mentor who took the time to show a learner how to solder. These are the unsung heroes of the Amateur Radio Service -- these are the volunteers.

ARRL has nearly 60,000 volunteers within its membership, without whom it could not function. They are the lifeblood of this hobby. ARRL designated 2023 as the [Year of the Volunteers](#) to recognize their efforts, encourage new prospective volunteers to follow their lead, and call existing volunteers to reach one rung higher on the ladder of service. The [Volunteers On the Air \(VOTA\)](#) operating event has been popular among hams, with some operators making nearly 30,000 QSOs throughout the yearlong activation. A young man from north Texas emerged as a leader.

Sam Lovett, KI5RSV, is just a teenager but has been awarded the 2023 Hiram Percy Maxim Memorial Award for his success with developing interest in amateur radio among his peers. He leads a youth net and has been instrumental in building a strong ham culture in his Trail Life USA troop. A video interview with Sam will be featured in the February 2023 digital edition of *QST*.



Lyn Alfman, N8IMW, of Norwich, Ohio, was honored for her volunteer work in the public information space.

She received the 2023 ARRL Philip J. McGan Memorial Silver Antenna Award. The proclamation issued by the ARRL Board of Directors says that Lyn "exemplifies the skills and depth of understanding [needed] to convey to media outlets the fascinating world of amateur radio."



Lyn Alfman, N8IMW, on the right, is presented with the 2023 ARRL Philip J. McGan Memorial Silver Antenna Award by ARRL Great Lakes Division Director Dale Williams, WA8EFK.

ARRL's George Hart Distinguished Service Award honors the work member-volunteers put in to use their license privileges to serve others. Jo Ann Keith, KA5AZK, of Diana, Texas, is the 2023 recipient.

Jo Ann is the net manager of the 7290 Traffic Net, a public service traffic net that has been in operation since 1953. She has a long history of volunteer work, dating back to her youth when she served as a candy striper. Like tens of thousands of others, Jo Ann uses amateur radio in the spirit of service.

These are just a few stories that can be told from the Year of the Volunteers. There are so many other stories out there, and we encourage you to tell your own.

While the Volunteers on the Air event closes on December 31, 2023 at 2359 UTC, the spirit of this year will continue as long as there are hams standing to serve others through amateur radio.

From all of us at ARRL, thank you!



ARRL Straight Key Night 2024

ARRL Straight Key Night (SKN) is held on January 1, 2024, from 0000 UTC through 2359 UTC.

Many hams look forward to SKN as one of the highlights of their operating year.

Operators participate using Morse code (CW). All you need is your favorite straight key or bug. Many participants dust off vintage radios and keys and put them back into service each year just for this event.

SKN is not a contest, so there's no need for quick exchanges. However, all hand keys, regardless of age, are welcome. The number of contacts you make is not important. The reward is meeting new friends as you get together on the air.



Send a list of stations contacted, SKN stories and photos, and your votes for Best Fist and Most Interesting QSO to straightkey@arrl.org by January 31, 2024.

More information is available at www.arrl.org/straight-key-night.

ARRL Holiday Schedule

ARRL Headquarters will be closed Monday, December 25, 2023, and Monday, January 1, 2024, in observance of Christmas and New Year's Day. There will be no W1AW bulletins or code practice those days. There will be no issue of *The ARRL Letter* on December 28, 2023, or *ARRL Audio News* on December 29, 2023.

Neighborhood Radio Watch: Ideas

The purpose of a Neighborhood Radio Watch (NRW) program is to promote safety and cohesiveness of the neighborhoods of our community by using radios to communicate. When normal communications are lost, radio comms can save lives, or at least, reduce fears. When times are tough, the ability to communicate with others can be calming. In normal times, scheduled radio nets for the purpose of radio training and practice can help neighbors get to know one another. That tends to make life better for those involved. For neighborhood communications, CB, General Mobile Radio Service (GMRS) and Family Radio Service (FRS) radios are options.

We've tested out CB. I have a 4 W mobile CB radio used as a base (a President Walker III) and an Antron 99 antenna up about 18 feet. The other rig was a Midland 75-822 with an *MXTA26* antenna. In spite of the excellent antennas, CB contact dropped off after about 2 miles. I did hear a friend once at about 2.5 miles, but he was so far down in the mud that he could have been a genuine mud duck. I had to open the squelch all the way, and still his voice could not have been more faint.

GMRS proved to be better. My base station is a *Midland MXT400* (40 watts) with an N9TAX Labs Slim Jim up in a tree about 20 feet off the ground, fed by LMR-400 coax. The other rig is a Midland MXT115 (15 watts) with a tiny 7" mag mount on the hood of my Jeep. We communicated on channel 16, using maximum power. Coverage was about 3 miles, maximum. A better antenna on the MXT115 would more than likely mean better coverage. Plus, FM gives a good signal until it starts to die. First it starts to crackle, but still remains copyable, then nothing.

We'll be testing 5-watt *Radioddity GM-30* handhelds as soon as they come in. For most neighborhoods, 1 mile of coverage would do it. We're hoping these handhelds can do the trick for us, even with just the rubber duck. At \$35, that's a pretty good price point.

The FRS radios we've tried are good for about half a mile. Since GMRS and FRS can talk on the same frequencies, FRS can be a decent option for those who don't want to spend the \$35 to get a GMRS license. -- *Reid Tillery, K9RFT, Alachua County (Florida) ARES*

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.

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: January 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.

Butler County Amateur Radio Association W8WRK

Laurel VE Testing Session - hosted by DIAL amateur radio club
Amateur Radio License Examinations at 9:00AM on Sunday April 29th at Fairfield Township Administration Building 6032 Morris Rd. Hamilton, OH 45011. Pre-Registration is required, go to: www.qsl.net/w8blv click on Exams and follow the instructions. Additional info may be obtained from Thurl Golden, KD8VLU (513) 939-4891 tgolden@fuse.net or Ron Spaulding, N8QF, (513) 617-6181 or n8qf@roadrunner.com . There are no Exam Fees!

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

Dial Radio Club, Middletown, OH

Will offer Amateur Radio License Examinations at 6:00PM on Wednesday March 1st at St. John XXIII Elementary School, 3806 Manchester Rd., Middletown, OH 45042. Pre-Registration is required, go to: www.qsl.net/w8blv click on Exams and follow the instructions. Additional info may be obtained from Dave Williamson, KD8W, (513) 424-5819 or kd8w@ARRL.net or Ron Spaulding, N8QF, (513) 617-6181 or n8qf@roadrunner.com . There are no Exam Fees!

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 Jan 14, March 10, May 12, July 14, Sept 15, and Nov 17, 2024. All are at 2:00PM each month



2024 are sessions

Exams are held at the Geauga County Department of Emergency and Emergency Operations Center, 12518 Merritt Road, Chardon, 44024. The EOC is located just south of the University Geauga 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.

Services
Ohio
Hospital

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.k8qjk.org> for exam dates on our calendar and navigate to our Learning Center/Taking the Exam link for information and requirements. Our experienced VE team looks forward to serving the Amateur Radio community in Central Ohio. Contact me at ve_testing@k8qjk.org to register.

Lisbon Area Amateur Radio Association Beginning Feb 11, 2023 Testing on the 2nd Saturday of each month at the Columbiana County EMA located at 215 S Market St. Lisbon, OH 44432. Walk-ins OK. Check in at 1:00PM. For more information go to www.K8GQB.com or contact NN8B at nn8b.oh@gmail.com

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.

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:

Tech: starts- Friday, Jan 5, 2024

Ends- Friday Feb 9, 2024

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:
Geauga 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

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

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

ARLD051 DX news

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

RODRIGUES ISLAND, 3B9. Luca, IV3JVJ and Ivan, IK3ZQA will be QRV as 3B9AT from December 27 to January 6, 2024. Activity will be on 80 to 10 meters using CW, SSB, and FT8. QSL via IV3JVJ.

BALEARIC ISLANDS, EA6. Simon, G7WKX is QRV as EA6/G7WKX from Mallorca, IOTA EU-004, until January 4, 2024. Activity will be on the HF bands. This includes being active from some POTA and SOTA references. QSL via operator's instructions.

SAINT BARTHELEMY, FJ. Phil, K2LIO is QRV as FJ4WEB and plans to be QRV until August 15, 2024. QSL to home call.

WALLIS AND FUTUNA ISLAND, FW. Martin, FW4AT is QRV on 40 to 6 meters using FT8. QSL to home call.

SWITZERLAND, HB. Special event station HB8DELOY is QRV until the end of 2023 to commemorate

the first transatlantic contact that took place on November 28, 1923 between stations 8AB and 1MO. QSL via HB9ACA.

ST. VINCENT, J8. Gert, PA2LO will be QRV as J8TT from December 26 to January 8, 2024. Activity will be on 40 to 10 meters using CW, SSB, and FT8. QSL to home call.

OGASAWARA, JD1. Harry, JG7PSJ will be QRV as JD1BMH from December 24 to January 1, 2024. Activity will be on 40 to 10 meters using CW, SSB, and RTTY. QSL via bureau.

AUSTRIA, OE. Special event station OE0YOTA is QRV until December 31 during the Youth On The Air event. QSL via operators' instructions.

CZECH REPUBLIC, OK. Special event station OL300SANTINI is QRV until the end of 2023 to honor the memory of Bohemian architect Jan Blazej Santini-Aichl. QSL via OK2APY.

ANTARCTICA. Igor, RQ8K is QRV as RI1ANE from the Russian Progress research station until May 2025. QSL to home call.

GREECE, SV. Special event call sign SZ65RAAG is QRV until December 31 to celebrate the 65th anniversary of the Radio Amateur Association of Greece. Activity is on all bands using CW, SSB, and various digital modes. QSL via LoTW.

EAST KIRIBATI, T32. Members of the Rebel DX Group are QRV as T32TT from Christmas Island, IOTA OC-024, until January 12, 2024. Activity is on 160 to 6 meters using CW, SSB, FT8, and FT4. QSL via OQRS.

ANTARCTICA. David, VK2JDS is QRV as VK0DS from Davis Base until November 2024. Activity is in his spare time on the HF bands, as well as 2 meters, and 23 centimeters using EME. QSL direct to home call.

AUSTRALIA, VK. Members of the Wireless Institute of Australia are QRV as VK100ZL until December 31 to commemorate the first wireless contact 100 years ago between Australia and New Zealand. QSL via bureau.

FALKLAND ISLANDS, VP8. Special event station VP8FLY is QRV until December 31 to commemorate the 75th anniversary of the Falkland Islands Government Aviation Service. QSL direct to VP8LP.

INDIA, VU. A group of Indian operators are QRV as AT8T4S until January 24, 2024 from the historic city of Palakkad. QSL via VU3WEW.

ANDAMAN AND NICOBAR ISLANDS, VU4. Krish, W4VKU is QRV as VU4N from Andaman Island, IOTA AS-001, until December 26. Activity is on 160 to 6 meters. QSL to home call.

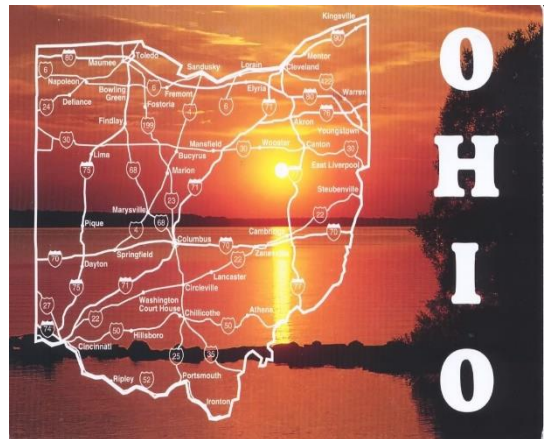
VIET NAM, XV. Hiro, JA6FWJ will be QRV as XV9S from Ha Noi from December 25 to 29. QSL via operator's instructions.

ST. HELENA, ZD7. Chris, HB9FIY and his wife Agata are QRV as ZD7CA and ZD7AA, respectively, until January 14, 2024. Activity is on 40 to 10 meters using SSB and various digital modes. QSL via EA5GL.

SOUTH AFRICA, ZS. Special call sign ZT1T is QRV until January 6, 2024 in remembrance of two South African amateur radio operators who became Silent Keys in 2023. QSL via operators' instructions.

Please see December QST, page 65, and the ARRL and WA7BNM contest websites for details.

Upcoming *Hamfests*



Ohio Hamfests

2024

01/14/2024 - [Sunday Creek Amateur Radio Federation Hamfest](#)

Location: Shade, OH

Sponsor: club members

[Learn More](#)

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

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<p>05/16/2024 - 05/19/2024 <u>Four Days In May</u> Location: Fairborn, OH Type: ARRL Convention Sponsor: QRP Amateur Radio Club International Website: http://qrparci.org/fdim Learn More</p>	<p>07/21/2024 - <u>Van Wert Hamfest</u> Location: Van Wert, OH Type: ARRL Hamfest Sponsor: Van Wert Amateur Radio Club Website: http://w8fy.org Learn More</p>
<p>8/10/2024 - <u>Cincinnati Hamfest</u> Location: Owensville, OH Sponsor: Milford ARC Website: https://CincinnatiHamfest.org Learn More</p>	<p>08/18/2024 - <u>Warren Hamfest</u> Location: Cortland, OH Sponsor: Warren Amateur Radio Association Website: https://www.w8vtd.com/ 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!

DX This Week – QRP DXing
 Bill - AJ8B (thedxmentor@gmail.com or www.aj8b.com)

This week, I have included the second installment from Randy, ND0C. Randy is one of the top QRP operators and he has the accomplishments to prove it. You can check him out on QRZ.com. Since I have no emails to comment on this week, I thought I would take this opportunity to thank you all for checking in to this column each week and for giving me feedback. I would also like to thank Tom, WB8LCD, for giving me an opportunity to write about DX each week. I don't take the opportunity lightly and I hope you find it interesting.



Happy Holidays and Gud DX!

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QRP DXing and Contesting Randy Shirbroun, ND0C

Giving QRP a Try

Let's assume you're intrigued by the prospect of using QRP to DX and/or contest. You've decided to check out this whole QRP thing and find out if you can get out of your back yard with five watts. So, what's next?

Equipment Options

What equipment should you use to run QRP? You may not want to take a big plunge like I did when I got rid of my old rig and bought a dedicated QRP rig. That's very understandable! In fact, in my case, I've come full-circle in that I now use a rig that is capable of 100 watts output – I just never use it at more than 5 watts. I bought my current transceiver because I wanted a sophisticated receiver with a lot of capabilities, and an operating system (menu) with which I was familiar.

Nowadays there are multiple ways to get on the air with QRP, including the simplest and easiest: just cranking down the output on your current transceiver to 5 watts, as we mentioned in the previous column. With most transceivers this is a simple process, and the RF meter will confirm you're at the desired output. If desired, you can also use a low-power watt meter to confirm your power. By using your current radio, you have the advantage of familiarity with the rig, menu, etc.

Other options include purchasing dedicated QRP radios and there are many on the market. I would assess the capabilities relative to what you want and need. If you are contemplating operation in the field, one of the small, lightweight rigs might suit you. On the other hand, some of the tiny QRP radios may be a bit awkward to use in the home "shack". There are also kits available. Some are CW only, so that is a consideration if you want to explore QRP on SSB. As with full power transceivers, the dedicated QRP rigs are becoming increasingly sophisticated with impressive capabilities.

My QRP odyssey is an example of various options that might be used to "go QRP". My first QRP rig was the infamous "Tuna Tin II" that I built from a simple design developed by Doug DeMaw, W1MR. It is a crystal-controlled 40-meter transmitter putting out 250 mW. (I chose to put it in a small cabinet instead of a tuna can.) I was able to work both coasts from the Midwest with that little radio.

When I made the leap to run QRP exclusively in 1980, I bought a Ten Tec Argonaut 509 SSB/CW QRP transceiver (pictured in the lower left of the photo to the right, with some young guy operating). It had an input of 5 watts and about 3 watts output on most bands. It was an amazing radio for its time, and I still have it, although I haven't put it on the air for many years.

Eventually I wanted a better receiver and more features including split VFO capability. I purchased a transceiver rated at 100 watts output which I ran only at five watts output. I also bought a smaller dedicated QRP transceiver with a maximum output of five watts, primarily for portable use, with an eye on activating Summits on the Air (SOTA). I eventually made the decision to "move up" to a more sophisticated transceiver with an excellent receiver. As I mentioned above, it is capable of 100 watts output but since I'm 100% committed to QRP, it just loafes along at 5 watts output. (To avoid the appearance of possibly promoting one manufacturer or another in this competitive market, I will avoid naming specific brands and lines of radios. Of course, there are many excellent transceivers out there from several manufacturers and we all have our own favorite brands.)



SSB or CW?

So, what mode will you use for your QRP adventure? Some hams feel that running QRP on CW is difficult enough, and QRP SSB must be nearly impossible. There is no doubt that CW can “get through” in challenging conditions when SSB might not, regardless of power level. But it would be a mistake to ignore the potential that QRP SSB represents! A few days after I acquired my first multi-mode QRP transceiver back in 1980, I entered the CQ WPX SSB Contest running three watts, and worked over 80 countries on 10 meters.

Many QRP operators have examples of impressive accomplishments running SSB. I believe my best “miles per watt” record was working Vlad, PY7/UA4WHX when he was on a globe-trotting adventure. I had worked him on many of his stops, but he was exceptionally loud from Brazil one evening on 20 meters. So I hooked up my portable QRP rig at its lowest power option of 500 mW, called him and worked him, receiving a 56 report. That was over 10,000 miles per watt – SSB no less! I was blown away!

Personally, I enjoy SSB and have never felt intimidated by using it at QRP levels. Will you sometimes fail? Yes! But when conditions are right, there is a good operator on the other end, and you have a good antenna, it is amazing what can be done.

A quick comment about the digital modes, such as FT4 and FT8: I have made the personal choice to continue my QRP adventures with only SSB and CW and do not use the newer digital modes. Obviously, since FT4 and FT8 were developed for weak signal work, they are an option for QRP operation – they’re just not my “cup of tea”.

Antenna

Now that we’ve discussed the transceiver considerations, what about an even more important part of the station: the antenna and feedline? In most situations, you’re stuck with what you already have, which is OK – we may just want to optimize it if possible. What we need are efficient antennas, the higher the better, and in the clear. – The same for any power level. And if you have a directional antenna, a Yagi, a hex beam, or a quad, even better! It is really important that the feedline is low-loss and the antenna is well-tuned with a low SWR. Since we’re only putting five watts out of the back of the rig, we can’t afford to be losing any of that power! And the benefit of a gain antenna is obvious!

Now what?

A few basics to remember as you “dip your toes” in the QRP waters.... You certainly can’t out-muscle other stations, so you need to “choose your battles”. This may take a bit of getting used to if you have been running a hundred watts, or more, in the past. Prepare to be humbled! You must be at the top of your game with operating techniques and ethics, which we will explore later in more depth. Calling on top of other stations is usually futile. Good timing must make up for the lack of brute power!

When first using QRP for casual DXing, I’d suggest just tuning the bands looking for strong stations with few callers. An example of a good one to try first might be S51DX – Janez always has a big signal and nearly everyone has worked him, so there shouldn’t be much of a pile-up! If you want to use packet spotting, keep in mind that those spots might result in some challenging pileups.

A few operators will call a DX station with full power, say 100 watts, then ask the DX to listen for their QRP signal. But that is not considered “good form” and is frowned on by the QRP purists. To really claim a contact as one made with QRP, you should initiate the QSO with QRP power levels.

In general, you will have the best results on the highest band that is open. When the 10- and 15-meter bands are open, that is where you want to be when operating QRP, regardless of mode. With the current improvement in conditions, 10 meters should be awesome for the next few years.

On the other hand, some folks may feel that attempting to use QRP on 20 meters, especially SSB, is insanity. Not true! Granted the increased QRM can be challenging, but I’m never bashful about

spending a lot of time on 20 meters in contests. It can be tough to work DX on 40 and 80 with QRP, especially with SSB, but it is doable! You won't know if you don't give it a try!

Any of the major contests, as well as state QSO parties, offer chances to try QRP power levels. The fast rate of contacts provides a good opportunity for even a non-contester to pick up a lot of QSOs. And if you want to get serious about a contest, keep in mind that most of them now have QRP categories. Although you are competing against kilowatt stations for contacts, you have a chance to still nab a certificate! We will take a deeper dive into QRP contesting in a future column.

You may be tempted to add "/QRP" to your call at first to let the DX station know there is a QRP station calling. But I think you will quickly decide to discard that tactic. And it is certainly not effective or desirable when contesting! It takes much more time and in marginal conditions can be confusing.

And on a related topic, if a station is making a directional CQ, going "by the numbers", coming back with a partial call-sign that is not you, or making any similar call that does not apply to you, running QRP does **not** give you license to just throw in "QRP" to get their attention. In other words, if a rare DX station is asking for west coast stations and I'm in Minnesota, I should never drop my call in, or say "QRP", trying to justify it since I'm running just five watts. It is just not cool and isn't good operating ethics. Period. QRPers should always hold ourselves to the highest possible standards.

So, until we "chat" next time, here is my pitch (again) to give it a try, on either SSB and CW, or both, and on various bands, to see what is possible!

73,

Randy, NDØC

randysdvm@gmail.com

(You can watch our interview with Randy, ND0C, at <https://www.youtube.com/watch?v=s1ki4exT7zw&t=1105s>)

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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:

'We can start off with an update from **VU4, Andaman and Nicobar Islands**. Krish, W4VKU, is now in Port Blair, Andaman Islands, operating as VU4N.

Krish has had several obstacles that needed to be overcome. As planned, he had Phase 3 power installed. Krish discovered that his temporary QTH had no tables but improvised using his shipping cases. He ran cables to the beach for his planned verticals (20-10M, 40-30M, and 160-80M), but found the SWR on 15 and 10M to be unacceptably high. There are issues with the tide and with debris that washes to the shore; indeed, said debris borne by the high tide took out all but one of the radials for his 30-40M vertical overnight. Yesterday, he moved the vertical to higher ground, above the sea wall. The 60M vertical inexplicably has a flat SWR; Krish suspects there may be issues with his SO-239 box. Another obstacle is that his 18-meter Fiberglass pole was damaged while being prepared for shipment. A new pole should arrive today. Finally, he reports that "the QRN is horrible: S9 to S9+10dB at times on 40 and 20M...when the QRN drops, I get a burst of callers and I respond, but then I never get a chance to pick them up. It's frustrating." Krish will install his Hexbeam on the terrace at over 45 feet to help the 20-6M situation. He

also will move his 20-10M vertical, which is now on a tall bamboo pole, to clear the 1.8M tide swing. Finally, the audio output to some of the radios is not working with the old instance of MSHV on the laptop, so Krish needs to install fresh instances and reconfigure the settings. The Daily DX will carry updates as they become available.

There will be some ongoing activity from **Laos**. After the XW4DX expedition, one of the operators, Vincent, F4BKV, continued on as XW4KV, and expects to be operating regularly through mid-2024. He is on 10 and 15M with 100W, a quad loop, and a vertical dipole. Listen for Vincent on FT8, and when propagation is good, on SSB. He plans to upload QSOs "at least every week" to LoTW and Club Log, or you can QSL via F4BKV.

There is another **Bouvet Island** operation announced. The Rebel DX Group has announced that it plans a trip to Bouvet Island, using the callsign 3YØI. They have yet to announce the dates, but they said that no support or funding is needed, and that they seek no assistance from foundations or clubs. They also wrote, "All equipment is in place already in South Africa. Plan is for three operators to land on Bouvet with an additional five more ops operating CW remotely – more on this in the future. A vessel has already been secured and will be operated by four ex-Navy seals from Military Unit Formosa. A captain and first mate will complete the team – between them they have 25 years' experience heading into the cold South Atlantic waters." More details will follow in The Daily DX and The Weekly DX as we receive them.

Keith, G3WRO, and his wife will be taking a two-week vacation January 24-February 6 to the **Maldives, 8Q**. "Radio operation will be spasmodic, with no specific operating times fixed at this moment," Keith says. He will be QRV as 8Q7WR from the Kuredu Island Resort, using an ICOM IC-7300 and 100W into a Windom for 40-10M and possibly 80M. He will be on SSB only. QSL direct only with SASE to G3WRO.

Here is information on one that I need for the 2023 CQ DX Marathon. **JD1/O – Ogasawara Islands**. Harry, JG7PSJ, says that he will be at Chichijima, Ogasawara Island which is IOTA designator AS-031, again from December 23 to January 1, using the callsign JD1BMH. He plans to operate on 40-10M CW, SSB, and RTTY. QSL direct to JG7PSJ, or via the bureau to JD1BMH.

We have another chance for you to QSO with **Vietnam**. Several Japanese operators will be operating holiday style from Ha Noi City from December 21 to 30. They will be using the respective calls 3W9IL, 3W9LSV, 3W9TXR, 3W9YAQ (club call), XV9KL and XV9HS. Activity will be on 80 through 6 meters on SSB, CW, RTTY and FT8. The group thanks XV2A and XV9HEU (JP3HEU). Refer to QRZ.com (later) for QSL routes.

More details have been released for the upcoming 6O3T DXpedition to **Somaliland**. This one is expected to "take place in early 2024" in "the northern part of the country in the state of Somaliland, one of the 5 federal states that constitute Somalia". They plan to "focus on the low bands and 6 meters" and will be on SSB, CW and digital modes. A website is expected soon with "details of operations, operators, band plan and rules."

The Rebel DX Group were able to secure "permission from the landowners to keep antennas till January 12, 2024" on **East Kiribati**. So T32TT has extended their stay and continue activity for "another 3 weeks".

From **St. Helena Island, ZD7**, we get the following. Thanks to the help of Derek, ZD7CTO, and "the gardener" HB9FIY (ZD7CA), Chris, was able to get his Buddihex up for 20 through 6 meters. He is using an AH-730 tuner for 80 and 60 meters. He has had good results on 60 meters FT8.

And finally, we have a follow up on the **St. Martin, FS** team. The TO9W team is safely home, finishing with almost 28,000 QSOs on 160-6. Their OQRS is now open. Printed QSLs will be in a few weeks from now. The whole log is on LoTW, "no charge for LoTW or bureau cards." A return trip is being planned for November 30-December 13, 2024.

OHIO'S



Until next week, 73 and Merry Christmas.



Announcing! The Ohio ARES VHF

Contest January 20, 2024



Purpose

ARES is tasked with being able to provide communications "When all else fails." Local communication is critical and typically takes place on the VHF or UHF amateur band. In order to improve our ability to perform on these bands, Ohio Section ARES is sponsoring the ARES VHF Contest (Yeah, we know, but calling it the Ohio VHF / UHF Contest got a little long-winded). Participants in the contest are encouraged to make as many contacts as possible within the timeframe of the contest, with as many different geographical locations as the bands permit. The contest is open

to all amateur operators, ARES members are strongly encouraged to participate. How else are you going to win the ‘bragging rights’ session of your next ARES meeting?

When did you say it was?

The contest is January 20, 2024. The start time is (for those of us who sleep in) 9 AM through 4 PM Eastern. Why January 20th? After receiving several emails last year if we could have the contest the same time as the ARRL’s VHF Contest, I decided to try it this year. Yeah, a civilized timeframe that doesn’t rob sleep, and allows time with the family. Why, you can even watch a few cartoons in the morning!

Please register at <https://ohsimplex.org/submit-operation/>

Where you gonna be?

You may operate this contest from anywhere. There are certain benefits for venturing out from your warm, comfortable home station. EOC stations can gain extra points. Portable stations can gain even MORE extra points – that is, if your frozen fingers will still be able to operate a keyboard. Portable

stations MUST use portable antennas, nothing permanently attached...kind of like Field Day on ice. We are not going with any mobile operation this time. The image of a bunch of vehicles running around with portable towers, 150 pounds of antenna hardware and an occasional grounding anchor is best left to the ARRL contesters.

Da Bands – a la’ Mode

Because local emergency communication takes place primarily on the 2 meter, 6 meter and 70 centimeter FM bands only, the contest is limited to those 3 bands. Within each band, we will have these modes: FM Simplex, “Everything else” Simplex; DIGITAL simplex contacts will make up a third mode on each band. Contacts with a station count once per mode- if you can talk the other guy into abandoning “his frequency” and meeting you on SSB or CW, more power to ya! NO REPEATER CONTACTS WILL

COUNT. If you get bored, you certainly are welcome to chat amongst yourselves on repeaters, or simplex, or cell phones, or smoke signals.

Da Contacts

The goal is to contact as many different stations in as many different counties as possible. You can make as many overall contacts as you like, they will then be multiplied by the number of counties you've reached. Extra points will be available for contacting an EC, AEC, DEC, ADEC, SEC, ASEC, SM or ASM Pretty simple- any more complex and we'll confuse the scorekeepers.

Da Score

Each FM Simplex contact counts as 5 points. Each non- FM simplex contact counts as 2 points.

Each digital simplex contact counts as 10 points. (Detect a pattern here?) Contact with EC, AEC, DEC, ADEC, SEC, ASEC, SM or ASM adds 25 points. Contact with an EOC or with a portable station adds 25 points.

Operation from an EOC add 200 points to your total contact score.

Operation from a portable location add 100 points to your total contact score.

Total contact score (all bands/modes added together) will be multiplied by the total number of counties you contacted.

To name a few. For more information on the scoring, please visit our website below.

Da Logs

Please use any of the appropriate computer logging programs, paper dupe sheets, a well worn slide rule or rusty abacus. Just keep all that to yourself, we can't find anyone with the time to go through all the detail contacts.

For more information and log submission, please visit <https://ohsimplex.org>

If you need an antenna, here is a J-Pole that you can make: <https://w8wky.org/simple-j-pole-antenna/>

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 month’s Handbook Giveaway!

This week’s Question: Have you met your Amateur Radio Goals for 2023?

- A) YES
- B) No



From last week’s question – Does your spouse have a Ham Radio License?

- A) 24% YES
- B) 62% NO
- C) 14% I'M NOT MARRIED!

I won't comment on this one, although, it is interesting!

(**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://arrl-ohio.org/sm/s-s.html>

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

posted for a month at a time. Please see the Terms & Conditions on the webpage.

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

Now, I still want to remind you that it won't be listed in this newsletter because it would take up way too much space, so your ad will only appear on the website. It is there for any individual to post equipment Wanted / For Sale or Give-Away as well as for Club Fund Raisers. 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:

<http://arrl-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://arrl-ohio.org/club_news/index.html

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



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

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!