

*PostScript*  
Ohio Section “December 16th, 2024”

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**CQ CQ CQ de WB8LCD**

Back by popular demand - OHIO ARES VHF Simplex Contest – January 18, 2025; 2:00PM EST – 6:00PM EST. The Ohio ARES VHF Simplex contest occurs concurrently with the first four hours of the [ARRL January VHF Contest](#). You can find all the details for the ARES Simplex contest at [Rules – Ohio VHF Simplex Contest](#). The Q’s you make will count for both contests!

Sharpen up your ARES skills and get a great kick-off to the national contest. Just to help you all be just a bit more competitive, on Monday, January 6<sup>th</sup> at 7:30 PM, Anthony – K8ZT will be doing an Ohio Section Zoom presentation on Contesting. The first part will be an intro to Contesting in general, and the second part will be specifically directed towards VHF and Simplex operations. The Zoom meeting information will go up on the Ohio Section website on January 1, 2025 and will be in the December 30 PostScript and the January 6<sup>th</sup> Ohio Section Journal. During the contest you can look for me primarily on 6 meters looking to fill in some grids on my map.



Over the last week I've been to 3 different Christmas parties. I started last Saturday December 7<sup>th</sup> in Cambridge with CARA. The Cambridge Amateur Radio Association was founded in 1913 (one year *before* the ARRL) and they are one of the oldest Amateur Radio clubs in America! At their meeting they presented the CARA Ham of the Year award to Bob Gray – KE8NI for his dedicated service to CARA. The award was presented by CARA President Jim Shaw – AB8P.

Next up was the Portage County Amateur Radio Service (PCARS) on Monday December 9<sup>th</sup> in Kent, Ohio. An outstanding time of fun and fellowship, and a great dinner put on by the American Legion post 496.

In similar fashion, PCARS presents a "President's Award" to the member (or members) who have made exceptional contributions to the club in the past year. This year's award went to a very deserving John Myers – WG8X and was also presented by club president Mike KP4VZ,



Finally, on Tuesday December 10<sup>th</sup>, my wife and I travelled to Highland County where we attended the Hillsboro Amateur Radio Association's (HARA) Christmas dinner. It was a ride that was well worth the time it took to get there! They had over 90 people in attendance. An outstanding dinner was prepared and served, and no-one walked out of there without a door prize (or 3) and there was some really nice stuff given away. In the words of John Levo – W8KIW:



“For HARA Tuesday evening December 10, 2024 was another "Oh What A Night" experience when about 90 individuals observed the upcoming holidays with fellow members, spouses and friends breaking bread with other members of the HARA Family. Although some folks were missing it was another fun-filled evening. Avery did another fantastic job catering the meal and stated HARA might be the best group she works with throughout the year. Thanks to Kathy and her assistants for making this the Southern Ohio Ham Radio social of the year.” John, and his wife Kathy – N8ZNR put on a really outstanding evening!

I'm sure many of you have had Holiday get togethers with the Hams in your area – I hope you all had a chance to experience the friendship and camaraderie that's a part of belonging to a local club. And I wish you all a Merry Christmas!

Share the Magic of Radio.

73,

Tom Sly - WB8LCD  
Ohio Section Manager  
[wb8lcd@arrl.org](mailto:wb8lcd@arrl.org)  
330-554-4650



# *National News*

*(from ARRL and other sources)*



**2025 CQ DX HALL OF FAME**  
**by INDEXA**  
**by Bob Schenck, N2OO**  
**Vice President INDEXA**  
**Member CQ DX Hall of Fame**  
**former DX Editor CQ Magazine**



## **INDEXA**

When Dick Ross K2MGA (Publisher of CQ Communications, INC) became a “Silent Key”, in April 2024, many wondered about the numerous award programs that were run by CQ Magazine. One very important program was the CQ DX Hall of Fame. Prior to his passing, Dick gave his blessing for the International DX Association (INDEXA) to carry on with this prestigious award, with my guidance, if the magazine ever ceased functioning. As such, I am pleased to announce that INDEXA will begin the stewardship of the Heritage CQ DX Hall of Fame starting with the 2025 inductees. Established in 1967, the CQ DX Hall of Fame honors those amateurs who have made exemplary contributions to DXing and DXpeditioning; including both on-air and off-air activities and accomplishments. The activities and accomplishments that qualify one for membership in this elite group called the CQ DX Hall of Fame involves considerable personal sacrifice and can usually be described by the phrase "above and beyond the call of duty." It is not enough to just be a DXpedition team member a number of times. To be in the DX Hall of Fame you might need to have the foresight to organize DXpeditions to the very hard to reach entities around the globe or perhaps work on ways to open Amateur Radio in the countries where politics exclude it. Other accomplishments could also be to create or provide new and/or important techniques that support the DX chaser. Other important attributes to be considered include “integrity”, “perseverance”, “good will”, “honesty” and “being noncontroversial”. Nominations will be open January 1, 2025 through March 1, 2025. Please send to Bob Schenck, N2OO (n2oo@comcast.net) . Make sure to put “CQ DX HALL OF FAME” in the subject line. Inductees will be announced at the SWODXA - Dayton DX Dinner. Bob Schenck, N2OO Chairman INDEXA CQ DX Hall of Fame Committee

## ARRL Teachers Institute on Wireless Technology Now Accepting Applications for 2025 Cohorts



The ARRL Teachers Institute on Wireless Technology (TI) continues to grow. Fresh off a [highly successful YouTube telethon](#) that raised more than \$41,000 for the program, some of next year's dates have been announced. Applications are now open.

The program is growing, and educators will have the opportunity to attend sessions around the country. "We love having the teachers here at ARRL Headquarters, but we wanted to bring this program nationwide," said ARRL Education and Learning Manager Steve Goodgame, K5ATA. Dates and details of the regional sessions are still being determined, but the hope is to touch many areas of the United States.

The application process is straightforward. Interested educators can find the web form at [www.arrl.org/ti](http://www.arrl.org/ti). ARRL covers all the costs of the TI, including travel, but there is a \$100 application fee if the teacher is accepted.

The success generated from the program is demonstrable. "The teachers leave TI with energy and knowledge. They've taken that and built tremendous programs in their schools," said Goodgame. The program isn't necessarily designed to get young people licensed, but rather to get them thinking about radio in their other areas of study. Teachers work amateur radio and radio technology into science, technology, engineering, and mathematics lessons. Amateur radio is presented as a pathway to get hands-on with the concepts, and to use them in the real world.



There are 16 cohorts planned for the 2025 ARRL Teachers Institute on Wireless Technology. “The growth we’re seeing in TI is a result of the teachers’ experiences with the program, and the donors who enable it,” said Goodgame. The TI is funded entirely by donations to the [ARRL Education & Technology Fund](#).

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## 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>

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## 2025 Youth on the Air Camp Application Period Open

Applications are now being accepted for campers interested in attending the 2025 Youth on the Air Camp. Licensed amateur radio operators, ages 15 through 25, who want to attend are encouraged to apply online at [YouthOnTheAir.org](https://YouthOnTheAir.org). The camp is scheduled to take place June 15 - 20, 2025, in Thornton (Denver), Colorado and the [Denver Radio Club](#), an ARRL Affiliated Club, is the local host.



The current application period is for the fifth camp for young amateur radio operators in North, Central, and South America. For the best chance at being selected, applications should be submitted by 2359Z on January 15, 2025. Campers will be selected by the working group and notified by February 1.

To encourage attendance from across the Americas, allocations for campers are being held open for various areas of North, Central, and South America. If countries do not use their allocation or should someone within an allocation decline acceptance, those positions will be filled from the remaining pool of applicants. As this will be an ongoing process, everyone will not receive notification of acceptance at the same time. Preference will be given to first-time attendees.

Applications will continue to be accepted through May 1 and up to 50 campers will be accepted. The application process is free, but a \$100 USD deposit is required upon acceptance. Should a potential camper be unable to pay the \$100 deposit, they may apply for a scholarship or waiver. Campers are also responsible for their own arrival and departure transportation to the camp location. Travel assistance may also be available, especially for those traveling from outside of the USA and Canada. Travel during camp events is provided.

For details about the camp, visit the camp web page at [YouthOnTheAir.org](https://YouthOnTheAir.org) or email Camp Director Neil Rapp, WB9VPG, at [director@youthontheair.org](mailto:director@youthontheair.org).

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## **On Christmas Eve morning, Tuesday December 24, 2024, SAQ Grimeton in Sweden is scheduled to be on the air to send its traditional Christmas message to the world, using the 200-kW Alexanderson alternator built in 1924, on 17.2 kHz CW.**

The event will be streamed live on [YouTube](https://www.youtube.com) beginning at 08:25 CET (Central European Time, 07:25 UTC). Startup and tuning of the of the Alexanderson alternator will start at 08:30 CET

(07:30 UTC) followed by the 09:00 CET (08:00 UTC) transmission of the Christmas message. Test transmissions will be on Friday, December 20, 13:00 – 16:00 CET (12:00 – 15:00 UTC). Amateur radio station SK6SAQ will be QRV during the day on the following frequencies: 3.517.2 kHz CW; 7.017.2 kHz CW; 14. 017.2 KHz CW; 3.755 kHz SSB; 7.140 kHz SSB. Comments are welcome at [info@alexander.n.se](mailto:info@alexander.n.se).

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## *Club Corner*

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

Let me know what 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](mailto:webmaster@arrl-ohio.org)

**Please! Format as below:**

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



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## **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 2025 are as follows: Januray 18, April 12, July 19, and October 18. 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) <<http://www.ae8fp.net/>>

**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](http://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](mailto: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](mailto: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](http://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](mailto: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](mailto: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](mailto: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](mailto: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](http://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@mcarch.org](mailto:Exams@mcarch.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](http://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](mailto: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](http://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](http://www.w8zx.net/exam) or email [VETEAM@N8BAG.NET](mailto:VETEAM@N8BAG.NET).

### **Silvercreek ARA (SARA)**

Holds six exam sessions per year for all license classes. Pre-registration requested but not required.

#### **Exam sessions for 2024:**

Saturday, December 7th - Sharon Center UM Church (Wadsworth/Medina Co.)

#### **Exam sessions for 2025:**

Saturday, February 1st - Smithville Brethren Church (Smithville/Wayne Co.)

Saturday, April 5th - Sharon Center UM Church (Wadsworth/Medina Co.)

Saturday, June 7th - Sharon Center UM Church (Wadsworth/Medina Co.)

Saturday, August 2<sup>nd</sup> - Smithville Brethren Church (Smithville/Wayne Co.)

Saturday, October 4th - Sharon Center UM Church (Wadsworth/Medina Co.)

Saturday, December 6<sup>th</sup> - Sharon Center UM Church (Wadsworth/Medina Co.)

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

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

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## LI-ION BATTERY REVIEW

Seven weeks ago I took delivery of some Li-ion 1.5volt Rechargeable batteries. These batteries are the same voltage and physical size as common AA, AAA and D sized cells. C and 9 volt batteries are also available.

What makes these battery cells unique is that until recently, rechargeable Li-ion batteries are rated at 3.7 volts, and their physical size is usually different than their heavy duty or alkaline cousins. Both of these characteristics make them useless in many common consumer products, such as computer mice, TV remotes or wall clocks to name a few.

In the 30 plus years of my amateur radio career, battery packs for hand held transceivers (HT's) has changed for the better. Battery packs first were Ni-Cad then NiMH then to Li-ion battery packs that had better operating times, quicker charging, and more charging cycles. However, when HT's were supplied with Ni-Cad and NiMH battery packs there was another option. The battery case. This was a case that had no battery cells included with the case. Instead you filled the case with AA Alkaline, NiCad's or NiMHs.

Since the introduction of HT's with Li-ion battery pack, I am yet to see (and probably never will see) any battery cases for these newer radios. *(I have since been corrected on that statement)* So, for this amateur, these newer 1.5 volt rechargeable batteries nearly missed the boat. But I still have one HT that supports a battery case. And there may also be some other Amateurs out there with some other equipment that could use this type of battery cell. An antenna analyzer for instance.

You may say, "I don't want to invest in a new battery charging system, my NiMH's are doing fine." But what is I said, "You don't need to buy a charger for these batteries, you already own one?" You see, these batteries came with a charging cable that plugs directly into the side of the battery

via a USB C Port. The other end of the cable has an A style USB plug. the charging circuitry is inside the batteries. So you can use any 5 volt USB charging port. The one for your phone, on the side of your laptop, in your car heck you've probably have a USB port on the back of your television.

Now onto the batteries that I bought. I ordered and received 8AA, and 4AAA's for \$26.00 and 4 D cells for \$14.45. This made the cost per cell: AA and AAA \$2.17 and the D's were \$3.61. Adjusting for a 25% tariff, these cell may soon cost \$2.71 and \$4.52 respectively. The AA's are rated at 2600mWH with 1200 charging cycles. The AAA 750mWH with 1200 charging cycles and the D's 12000mWH no charging cycle listed. The batteries came with a charging cable as mentioned above. My order included two cables with two "USB C" plugs per cable and one cable with four "USB C" plugs. (Additional cables can be ordered separately). Also included were some plastic cases for storing the batteries in when not in use. That way if you lose one battery you lose them all. Hi hi!

I measured the AA's batteries dimensions to find that they were slightly longer than the AC Delco AA's I had to compare them to.1.2mm longer. Not much, but it did make a tight fit into my HT's battery case. There is a considerable weight difference. Li-ion's weighted in at 17.33 grams, Alkaline 25 Grams and Ni-MH's at 27 grams. This might be a big advantage to someone hiking or bicycling. An ounce in the morning weights a pound in the evening.

The batteries came to me charged, but I topped off six of the AA's and recorded their voltage. The batteries have a green flashing light while charging that turns to a green solid light when charged. I did the same to a pair of NiMH's. Voltages for three of the Li-ion's batteries at 1.52, three at 1.53 and the two Ni-MH's were 1.46 and 1.47. After seven weeks the two Ni-MH's had dropped to 1.31. A voltage drop of the 1.5volts. But still above their 1.25 volt rating. The Li-ion batteries however were still 3 cells at 1.52 and three cells at 1.53. No change.

The acid test. Performance. The only performance test I completed was put three of the D cell batteries into a MAG-LITE flashlight. This flashlight still has an incondisit bulb, LED's are now available. My test results were as expected. About one half the run time of one time-use Alkaline five hours of continues use. I read online that a 3-cell MAG-LITE should run about ten hour. Your mileage may differ.

An advantages to Li-ion batteries:

I once read in Popular Mechanics that Li-ion battery charges are collective charges. In other words, a partial charging cycle is just that, a partial charge. If you charge a half depleted cell twice, that counts as one charge. So those 1200 charging cycles should last me quite awhile. The second advantage that comes to mind is that Li-ion's are not affected by all but the most extreme temperatures. So they would be good to use in a flashlight stored in you vehicle. Just check them every change of seasons. Spring, Summer, Fall and Winter. And lastly, Li-ion batteries do not have the reputation of leaking like the alkaline batteries do.

I read this review on a local FM net a few weeks ago. I was asked a couple questions following my reading:

1. Question, Where did I purchase the batteries that I reviewed? Answer, Temu.com <https://www temu.com>
2. Question, Which brand did I purchase? Answer, Smarttools.

73,  
Jim Kelley, (N8YDM)

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## **ARLD046 DX news**

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

MALDIVES, 8Q. David, HB9ILL is QRV as 8Q7IL until December 18. Activity is on 40, 30, 20, and 10 meters using SSB. QSL to home call.

CROATIA, 9A. Members of the Croatian national ham radio club are QRV with special event call signs 9A24PDRA, 9A24PD, and 9A24D until the end of the year to mark the International Day of Persons with Disabilities as part of the IARU Region 1 Programme for Disabled Radio Amateurs. QSL via LoTW.

OMAN, A4. Special event station A43QAT is QRV to mark Qatar's National Day. QSL via operators' instructions.

QATAR, A7. Special event station A71QND is QRV until December 18 to marks Qatar's National Day. In addition, look for separate stations to sign A71QND/0 to /15 for the event. QSL via the bureau only.

PHILIPPINES, DU. Hannes, OE3SGU is QRV as DU1OE from Luzon Island, IOTA OC-042, until December 27. Activity is on 40 to 6 meters using CW, SSB, and various digital modes. QSL to home call.

BALEARIC ISLANDS, EA6. Josep, EA6BF will be QRV as EF6B in the ARRL 10 Meter contest. QSL to home call.



FRENCH POLYNESIA, FO. Nobu, JA0JHQ plans to be active as TX5NH until December 16. This may include being an entry in the ARRL 10 Meter contest. QSL to home call.

REUNION ISLAND, FR. Thomas, DJ2TG is QRV as FR/DJ2TG until December 23. Activity is on 30 meters and up using SSB and FT8. QSL to home call.

FRENCH GUIANA, FY. Joe, OZ0J will be QRV as TO0J from December 20 to 31. Activity will be on 80 to 6 meters using CW, SSB, and FT8. QSL to home call.

SAUDI ARABIA, HZ. Special event station HZ1QATAR is QRV to mark Qatar's National Day. QSL via operators' instructions.

BELGIUM, ON. Member of UBA Section Bruxelles-Est are QRV with special event call sign OR80NUTS until December 15 to commemorate the 80th anniversary of the Battle of the Bulge during World War II. QSL via operators' instructions.

BANGLADESH, S2. A group of operators are QRV as S21DX from Dhal Char, IOTA AS-140, until December 19. Activity is on 160 to 10 meters, including 60 meters, with three stations active using SSB, and FT8 in Super Fox mode. QSL via EB7DX.

SLOVENIA, S5. Special event station S525PMC is QRV until January 5, 2025 to promote the PMC Contest, sponsored by the Radio Club Slovenj Gradec. QSL only via e-QSL.

POLAND, SP. Special event call signs HF0CLAUS and SP0CLAUS are QRV until January 6, 2025. QSL via bureau.

BELIZE, V3. Mike, VE7ACN is QRV as V31CN from Manta Island, Glover's Reef, IOTA NA-180, until December 17. Activity is on 80 to 10 meters using mainly CW with some SSB and FT8. QSL to home call.

ST. KITTS AND NEVIS, V4. Jim, NT5V is QRV as V47V from St. Kitts, IOTA NA-104, until December 18. Activity is holiday style on 40 to 10 meters using mostly SSB with some FT8. QSL to home call.

TURKS AND CAICOS, VP5M. A group of operators will be QRV as VP5V in the ARRL 10 Meter contest. QSL via LoTW.

INDIA, VU. Special event station AT24HFI is QRV until December 16 during the hamfest in Kolkata. QSL via operators' instructions.

VANUATU, YJ. Chris, VK2YUS is QRV as YJ0CA from Port Vila, IOTA OC-035, until December 16. Activity is on 40 to 10 meters using SSB. This includes being an entry in the ARRL 10 Meter contest. QSL direct to home call.

ST. HELENA, ZD7. Derek, ZD7CTO has been active on 40 meters using FT8 between 0300 and 0400z. QSL direct to home call.

CAYMAN ISLANDS, ZF. Vicky, AE9YL and Carl, K9LA are QRV as ZF2YL and ZF2LA, respectively. They plan to be active in the ARRL 10 Meter contest. QSL to home calls.

ANTARCTICA. Oleg, ZS1ANF is QRV as ZS7ANF from Wolf's Fang Runway, IOTA AN-016, until February 2025. Activity is in his spare time on 40 to 10 meters using mostly CW. QSL via DL5EBE.

Please see December QST, page 59, and the ARRL and WA7BNM contest websites for details.

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## Upcoming *Hamfests*



# *Ohio Hamfests*

**2025**

<p><b>01/19/2025 - <a href="#">Sunday Creek Amateur Radio Federation Hamfest</a></b>  <b>Location:</b> Shade, OH  <b>Type:</b> ARRL Hamfest  <b>Sponsor:</b> Sunday Creek Amateur Radio Federation  <b>Learn More</b></p>	<p><b>03/16/2025 - <a href="#">Toledo Mobile Radio Association Hamfest and Computer Fair</a></b>  <b>Location:</b> Perrysburg, OH  <b>Type:</b> ARRL Hamfest  <b>Sponsor:</b> Toledo Mobile Radio Association  <b>Website:</b> <a href="http://www.w8hhf.org">http://www.w8hhf.org</a>  <b>Learn More</b></p>
<p><b>04/05/2025 - <a href="#">Cuyahoga Falls Amateur Radio Club 69th Hamfest</a></b>  <b>Location:</b> Cuyahoga Falls , OH  <b>Type:</b> ARRL Hamfest  <b>Sponsor:</b> Cuyahoga Falls Amateur Radio Club, Inc.  <b>Website:</b> <a href="https://www.cfarc-hamfest.org">https://www.cfarc-hamfest.org</a>  <b>Learn More</b></p>	<p><b>05/15/2025 - <a href="#">Four Days In May</a></b>  <b>Location:</b> Fairborn, OH  <b>Type:</b> ARRL Convention  <b>Sponsor:</b> QRP Amateur Radio Club International  <b>Website:</b> <a href="http://qrparci.org/fdim">http://qrparci.org/fdim</a></p>
<p><b>07/12/2025 - <a href="#">Mansfield Mid Summer Trunkfest 2025</a></b>  <b>Location:</b> Ontario, OH  <b>Type:</b> ARRL Hamfest  <b>Sponsor:</b> Intercity Amateur Radio Club  <b>Website:</b> <a href="http://w8we.org">http://w8we.org</a></p>	
<p><b>07/20/2025 - <a href="#">Van Wert Hamfest</a></b>  <b>Location:</b> Van Wert, OH  <b>Type:</b> ARRL Hamfest  <b>Sponsor:</b> Van Wert Amateur Radio Club  <b>Website:</b> <a href="http://w8fy.org">http://w8fy.org</a></p>	

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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.

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## DX This Week – #313

Bill - AJ8B ([thedxmentor@gmail.com](mailto:thedxmentor@gmail.com) / [www.aj8b.com](http://www.aj8b.com))



Hello to all! Getting closer to Christmas and the temps are certainly making it feel like Winter. I have been trying to my best to keep the ionospheric layers warm with RF, but I don't think it is making much of a difference.

I received an email from Howard, N8HO. Howard received another QSL card from an ATNO (All-Time New One) and was kind enough to pass along the QSL card from Glorioso. It is shown below. Thanks, Howard, for thinking of me. What did you receive?



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## 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, your only source of real-time DX information, just drop me a note at [thedxmentor@gmail.com](mailto:thedxmentor@gmail.com)

**9L5A** from **Sierra Leone** is now QRT with more than 110,000 QSOs in the log. They had to stop a little earlier than planned because the rising tide would have been problematic to dismantle the last antennas on the rocks, not to mention that it's dark at 6:30pm in Sierra Leone. They also had to clean and pack everything in order to fill their 30 checked bags and 15 cabin bags, the weight of which is of course limited. For log corrections, use exclusively the email address mentioned on our website (LOG section) to the exclusion of any other recipient.

IOTA DXpedition: **AU2K**, Kanika Island and **AU2S**, Sagar Island - **AU2K**, Kanika Island (AS-179 New) is QRT now. The team consisted of VE3LYC/VU3LPL, Cezar; VU2RS, Sarath; VU3WEW, Adersh; and VU3DXA, Anil. They had posted daily updates on their website. The most recent update said that the local electrical noise and lack of high-power BPS filters limited them to a single operating position on SSB. FT8 is worked well, though.

**KH7AL**, Allen, is working on **Wake Island** as an electronics technician, three months on and one month off for at least one year. He has Mondays off from work, and "most likely be on the air early mornings or late afternoons Wake Island time (UTC plus 12 hours) to avoid the peak heat of the day." His KH7AL/KH9 setup includes a barefoot Yaesu FT-891 into dipoles for 40, 30, 20, 17, 15, and 10M. Listen for him on SSB and possibly some CW. He said last week that he is "not sure [his] CW skills are up for running the kind of pileups [he] met yesterday (yet)."

**S2 - Bangladesh** - The S21DX team should be QRV now until December 19 from Dhal Char Island (AS-140). They planned for three stations for SSB and FT8 and three more for FT8 only. The 160-meter station will be running 15 watts. Listen for them on SSB and FT8 on 1.8 through 28 MHz, including 60 meters. On FT8 they will use the latest Super Fox mode, so make sure you are using WSJT-X 2.7.0 RC7 or later. "In [the] advance TAB select 'Special operating activity', select

SuperFox mode and 'Hound'". They will have 14 operators, of which seven of them are youth. Eight of the ops have previous experience and six of them are new ps. They have one YL operator. <https://s21dx.org>

**Krish, VU4A** is now QRT from **Andaman Island** and sends along the following update. This was a 1-man operation with over 30K QSO's in the log.

I appreciate everyone that tried to get into the log. As soon as I receive the LoTW certificate, I upload the entire log to LOTW. I have no expectations for any financial compensation. I will make log corrections once I am back on the mainland.

There was 1 goal for this trip: To hear the callers, who I could not hear from the last trip in 2023. That mission has been accomplished. I have moved almost 1Ton of equipment to the island. The phased array for 160 has proved its value. I was able to offer 160m contacts to stations who had not had a new one for over 10 years on that band. Some made 80m contacts with 100w.

I was able to do 6M. The installation of the 5 element 6m Yagi proved to be a bonus with the surprise openings. I did cater to special requests from hams who have over 300 entities and needed VU4 for a new one. I feel satisfied with my accomplishment. It was a choice to reactivate VU4 as opposed to sitting on a beach with a drink and Cigar, just about anywhere in the world to spend my valuable and spare vacation time off. It takes a lot of work to put together the equipment and bring and install it and successfully keep it running and make contacts. Not many have the ability to run 7 stations at the same time and pull something of this magnitude. Anyone can sit on a keyboard and make comments on the internet. Fame takes hard work and never comes from being a troll on the internet. Fame follows when results are delivered, and people are happy. As far as the operation and QSO goes, it is quality over quantity. We had radios on 80 and 160 for every opening and every day. I was on 6m on every day. The goal was for ATNO to as many folks as possible.

I could have done more SSB, but I am in a multi-transmitter situation and not willing to shut a band down on FT8, to get on SSB. FT8 gets more weak signal callers to log me as opposed to SSB. But I still did it, since I had the equipment needed to pull it off. It is more gratifying to see that folks with a simple wire and 100w work me on 6 bands.

I will open up OQRS in Clublog. No bureau QSL please. It's a lot of work and I do not have the help to sort the cards. If you have a situation and need a card, please drop me a note and I will be happy to send one direct. Also, incoming bureau cards take a lot of time to handle. ARRL charges for the outgoing bureau card by the weight and have special sorting requirements.

Until next time.

73

Krish (vu2vku, w4vku)

Members of the Russian Robinson Club (RRC) are planning a **Central American** tour between February 10 and March 8, 2025. They are planning stops in Nicaragua, Costa Rica and Panama. They will start in Nicaragua from February 11-16. There they will be QRV as YN6RRC. If approved they will also do Isla Del Cardon (NA-212) as H7RRC during that same time frame. They may also operate as YN8/KL7RRC and possibly POTA NI-011.

Next, they will head to Costa Rica where they will be operating as TI1RRC Isla Cano (NA-117) and POTA CR-0018 between February 19 and 25.

Finally, on to Panama from February 26 to March 3 where they will be operating 3F3RRC from POTA PA-0033. The group is still waiting for call signs.

They plan to be active from the parks on 1.8 through 28 MHz and from the IOTA operations on 40 through 10 meters. The plan to have from 5 to 6 operating positions. The members of this operation include N3QQ, W8HC, K5MSK, NL8F, OK8AO, RW3RN, R1BIG and R9LR. Later today R1BIG, Raisa, will be interviewed by W1DED, Kevin Thomas. They are looking for support. Check out their TI1RRC page on QRZ.com for more details.

<https://www.qrz.com/db/TI1RRC>

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# 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!

Here is a contest that I have participated in several times and really enjoyed it. It is the OK-DX RTTY contest. The date is the 3<sup>rd</sup> full weekend in December, or December 21<sup>st</sup>. The bands are the standard HF bands and the mode is RTTY. The exchange is RST and Zone. The points change per bands and continents. Check the WA7BNM website for more details.

Contest	Start Date	End Date
EUCW 160M Contest	1/4/2025	1/5/2025
YB DX Contest - SSB	1/11/2025	
North American QSO Party, CW	1/11/2025	1/12/2025
YB DX Contest	1/11/2025	1/11/2025
North American QSO Party, SSB	1/18/2025	1/19/2025
ARRL VHF Contest`	1/18/2025	1/20/2025
CQ 160M CW	1/24/2025	1/26/2025



## Ohio Section Traffic Report November 2024

### Ohio Section Nets November 2024

Net	QNI	QTC	QTR	Sessions	N/M
OSN	63	15	290	20	N2LC
BNE	133	31	263	30	N2LC
BNL	57	66	279	28	WB9LBI
OSSBN	1399	474	2142	90	KC8WH

### OHIO SECTION LOCAL NETS – November 2024

Net	QNI	QTC	QTR	Sessions	N/M
BRTN	108	31	186	14	KD8GXL
TCTTN	111	31	316	13	WB8YYS
COTN	228	62	397	29	KV8Z
TATN	304	79	330	30	WG8Z

### Ohio Section PPL Reports NOVEMBER 2024

Call	Tx	Rx	Origin	Del	Total
W8MAL	584	182	0	12	778

## OHIO SECTION TRAFFIC REPORTS – NOVEMBER 2024

Call	Traffic	Call	Traffic	Call	Traffic
AD8CM	302	KD8UUB	79	K8MDA	41
KB8GUN	231	N2LC	79	WB8PMG	38
AC8NP	167	K8KRA	61	N8TNV	33
W8GSR	163	N8OD	57	K3RC	30
KD8HB	149	KD8GYI	55	KV8Z	29
N8MRS	140	KE4RS	53	KD8GXL	24
WB9LBI	135	KA8BJA	52	KC8WH	21
KF8ATJ	122	N8BV	46	N8SY	20
KL7RF	107	KC8PBU	41	KE8ANW	10
WB8SIQ	82	WB8YY5	41	WA3EZN	3
				KD8MSZ	2
Column Totals	1598		564		251
Total Reports	31	Total Traffic	2413		

## Ohio Section PSH Reports NOVEMBER 2024

Call	Nets	Traffic	Vol_Pos	PSH	EPSH	PM DS	Total
AD8CM	40	40	20	505	0	10	615
AC8NP	40	40	20	150	0	30	280
N2LC	40	40	30	90	0	20	220
KD8UUB	40	40	10	90	0	0	180
N8SY	40	20	30	20	0	50	160
WB8YYS	40	40	10	50	0	10	150
K8MDA	40	40	30	0	0	20	130
KC8PBU	40	40	20	10	20	0	130
KE4RS	40	40	10	30	0	0	120
KE8ANW	40	10	0	60	0	0	110
W8MAL	40	40	10	15	0	0	105
WA3EZN	40	3	20	20	0	20	103
N8MRS	40	40	10	0	0	10	100
KB8GUN	40	40	10	0	0	10	100
WB8SIQ	40	40	10	10	0	0	100
KF8ATJ	40	40	0	15	0	0	95
KC8WH	40	21	30	0	0	0	91
W8GSR	40	40	10	0	0	0	90
KL7RF	40	40	10	0	0	0	90
K8KRA	40	40	10	0	0	0	90
N8OD	40	40	10	0	0	0	90
KV8Z	12	29	10	25	0	10	86
KA8BJA	40	40	0	0	0	0	80
KD8MSZ	33	2	0	0	0	0	35

### Ohio Section Nets

If you have traffic you need to move, take it to a VHF net or if it is going out of Ohio you can also take it to the OSSBN. Here is WHERE TO FIND AN HF OR VHF TRAFFIC NET IN OHIO

### OHIO SINGLE SIDEBAND NET

Morning Session	10:30 AM	3972.5 kHz	Every Day
Afternoon Session	4:15 PM	3972.5 kHz	Every Day
Evening Session	6:45 PM	3972.5 kHz	Every Day

### OHIO HF CW TRAFFIC NETS

HF CW NETS	NET TIMES	FREQUENCY	NET MANAGERS
Buckeye Early	6:45 PM	3.580 MHz	N2LC
Buckeye Late	10:00 PM	3.590 MHz	WB9LBI
Ohio Slow Net	6:00 PM	3.53535 MHz	N2LC

All CW net frequencies plus or minus QRM

### OHIO LOCAL VHF TRAFFIC NETS

VHF NETS	NET TIMES	FREQUENCY	NET MANAGERS
BRTN	Monday, Thursday Saturday 9:30 PM	145.230 MHz PL 110.9	KD8GXL
COTN	7:15 PM DAILY	146.970 MHz PL 123.0	KV8Z
TCTTN	9 PM Sun, Tues, Fri	147.015 MHz PL 110.9	WB8YYS
TATN	8:00 PM DAILY	146.670 MHz PL 123.0	WG8Z

Dan Rinaman AC8NP  
 Ohio Section Traffic Manager  
 419-618-0330  
 ac8np@ac8np.com

## 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](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 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... <https://arrl-ohio.org/section->

[swap-shop/](#)

<https://arri-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@arrloho.org](mailto:swap@arrloho.org)

[swap@arrloho.org](mailto:swap@arrloho.org)

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

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

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



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

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

Here's the link to the page....

<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](mailto:webmaster@arrl-ohio.org)

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### ***Chit – Chat, and All That!***

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



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



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

Just go to:

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

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

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*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!*