

PostScript
 Ohio
Section “September 4th, 2023”

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CQ CQ CQ de WB8LCD

I hope you're all enjoying your Labor Day Weekend! My last month at work has been pretty intense, so a lot of other things have been neglected. As a result, even though I've got one more day of the long weekend ahead of me, just about every part of me hurts...hopefully later today I'll finish my shovel work and have my driveway cleared off. I've been on the air not too much this past month, but that's about to change, and I do have it in my plans to do some traveling again as we head into fall. I'll be at the Findlay Fest this weekend coming up (09/10) and hope to see many of you there.

In last month's OHIO Section Journal, there was an error in the report from Bret – KD8SCL. Apparently a couple of bytes fell off his article as it travelled from Pataskala to Sugar Bush Knolls! I give you the missing piece here:

“The next big operating event -

Here is an important announcement! Put October 7th on your calendar- for the Ohio ARES SET. Just like in the past, each county EC will create their own event based on their county's needs. What is your county planning for? How many members are you going to have participating? How good is that EOC station, anyway? How about your home station?”

The SET really is a Big Deal! I hope you will be able to make the time to participate in it. According to Part 97, providing communications in times of emergency or disaster is one of our reasons for existence. We as Hams have lots of different interests in radio and communications, but EmComm *really is* one of the “core skills” that everyone of us should be prepared to participate in. You can't be competent if you don't practice, and you can't practice if you don't know what it's all about. I'm not saying everyone has to be the expert and make it their prime

activity in the hobby. But, you have to be aware of how it works, where it happens, what the protocols are. Otherwise, you have the potential to make things worse. No matter what your resources are, there's a place where you, and your station would fit in and could make a very big difference. All I'm asking is that you be aware and be prepared.

I'll keep it short this week, keep a look out for your ARRL Ballot and make your voice heard! If you know someone under the age of 18 who is a ham, or might be interested in being a ham, help them get in on the Ohio Section Youth Net!

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.

***Next Net is Sunday September 10th ***

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)



What's Up for September? Your Personal NASA Guide to the Night Sky

What's up for September? Venus returns to the morning sky, the Harvest Moon, and dark sky observers can look for zodiacal light!

After brightening our evening skies for most of this year, [Venus](#) has now switched over to being a morning sky object. Look for the superheated, cloud-covered planet as a bright beacon in the eastern sky before sunrise throughout the month.

The full moon on Sept. 29, also known as the [Harvest Moon](#), will be the fourth and final supermoon of the year. As we mentioned last month, supermoons are full moons that occur when the Moon is near the closest point in its orbit around Earth.

On cool, moonless September mornings before dawn, you might have an opportunity to search for the zodiacal light. It's a triangular or cone-shaped pillar of faint light that stretches upward from the horizon, and it's easiest to observe around the time of the equinoxes in March and September.

[Skywatching Tips & Guides](#)

The following is from “Online Elec News – Volume 225



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New Battery Technology Uses Organic Molecules Instead of Metals

By: [Ashton Henning](#) | August 15th, 2023



Photo by [Kumpan Electric](#) on [Unsplash](#)

Researchers in Japan have developed a new type of battery that uses organic molecules instead of metals. This new battery is called an all-solid-state rechargeable air battery (SSAB), and it is more stable and efficient than traditional batteries.

Traditional batteries use metals for the negative electrode, but this can lead to problems such as the formation of dendrites. Dendrites are small, needle-like crystals that can grow on the negative electrode and pierce the separator, causing a short circuit. This can lead to the battery overheating and catching fire.

Japanese researchers have developed an all-solid-state rechargeable air battery (SSAB) and examined its capacity and durability. Led by Professor Kenji Miyatake from Waseda University

and the University of Yamanashi, the study used 2,5-dihydroxy-1,4-benzoquinone (DHBQ) and its polymer poly(2,5-dihydroxy-1,4-benzoquinone-3,6-methylene) (PDBM) as active materials for the negative electrode.

Redox-active organic molecules can be used as a negative electrode in batteries, and they have several advantages over metals. They are more stable, they do not form dendrites, and they are more efficient. The SSAB also uses a proton-conductive polymer as the solid electrolyte for more safety.

The results were impressive. The SSAB has been shown to be very efficient, and it did not deteriorate in the presence of water and oxygen. The researchers are optimistic that this technology can extend the battery life of small electronic devices and contribute to a carbon-free society.

SSAB is a promising technology with various applications, including extending the battery life of small electronic devices and contributing to a carbon-free society. Although still in the early stages of development, the SSAB shows potential to overcome challenges faced by other air batteries.

Enhancing the SSAB's performance and durability is the top priority as researchers aim to bring it to market in the near future. Their dedication to pushing the boundaries of energy storage technology holds promise for a more sustainable and eco-friendly tomorrow.

Hurricane Idalia: Amateur Radio Serves Critical Functions

Hurricane Idalia made landfall Wednesday, August 30 on Florida's Big Bend region as a Category 3 storm sustaining winds of 125 miles per hour. The storm tracked across Georgia and into South Carolina, and on Thursday morning it had moved offshore of North Carolina.

ARRL volunteers staffed key positions across the affected region. Section Emergency Coordinator of the [ARRL Northern Florida Section](#) Arc Thames, W4CPD, led the activation of [Amateur Radio Emergency Service® \(ARES®\)](#) volunteers within the Section. Thames said the ARES volunteers would be staffing the radio room at the state Emergency Operation Center (EOC) until 7:00 a.m. on Thursday, August 31 and will provide additional service if needed. "So far there does not appear to be a large communications impact that would require amateur radio support," he said.

The Florida Statewide Amateur Radio Network (SARnet) was the primary emergency communications system used during the storm. The system is a series of linked UHF repeaters that covers the entire state. There were also HF nets linking counties to the state EOC.

In a message to ARES leadership in the affected Sections, ARRL Director of Emergency Management Josh Johnston, KE5MHV, reminded them of gear at ARRL Headquarters that can be deployed if necessary. "We have equipment assets in our Ham Aid program available to you for loan if you have a need to backfill. These can be used during - long term recovery efforts as needed," wrote Johnston.

The Federal Communications Commission (FCC) approved an ARRL-requested emergency waiver to HF symbol rate limits, to allow higher speed data communications in the Amateur Radio Service response to Hurricane Idalia. [Read the waiver \(PDF\)](#)

Many counties in the ARRL Northern Florida Section were activated. Section Manager Scott Roberts, KK4ECR, was at the Clay County EOC for 27 hours.

"We had a good number of our Northern Florida counties activated, as well as other places in the state. There were four shelters open here in Clay County alone," he said. As of press time, Roberts said the final information was still being tallied, but he knew of activations Duvall, St. Johns, Escambia, Marion, and Leon Counties.

In Ocala, the Marion County Emergency Radio Team (MERT) was activated to support shelter operations on Tuesday, August 29. Marion County ARES was placed on standby to support the MERT team and other served agencies. The county was spared the brunt of the impact. Marion County ARES Emergency Coordinator Hayden Kaufman, N2HAY, said the activation identified some opportunities for improvement in the area's disaster response. "We were very fortunate to have had little to do. However, the activation provided us some insight on factors that would impede communications in an emergency," he said.

Ham volunteers worked with the County Sheriff's office to ensure the amateur radio equipment onboard the Marion County Mobile Command Center was fully operational before it was deployed to Madison County, the area most heavily impacted by the storm.

Kaufman thanked the many local volunteers for their service during the hurricane. "I am personally proud to be a member of our increasingly tight-knit EmComm community," he said.



ARES Newsletter Editor Rick Palm, K1CE, surveys the damage after a tree fell on his car at his home. "Our cars were smashed under this big tree in our backyard. I am using my handheld to report into the Columbia County ARES net and EOC. Much damage here in our yard and the surrounding community, and we experienced a very scary (terrifying actually) morning yesterday, being so close to the eye as it made landfall," he wrote.

Hurricane Watch Net (HWN) Manager Bobby Graves, KB5HAV, said the storm called for "all hands on deck". Ahead of impact, the intensity and track of the storm greatly concerned him. "I have been watching and plotting hurricanes for over 35 years. I have witnessed, many times, a Hurricane cross a state line into another as a hurricane...two states were hit by the same hurricane. Never have I seen a storm cross three States as a Hurricane," said Graves.

The WX4NHC amateur radio station at the National Hurricane Center was also active during the storm, as was the Hurricane VoIP Net.

Amateur radio operators continue to serve impacted communities through served agencies as the recovery phase begins. Check ARRL News for the latest updates.

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.



Air Force Marathon September 16 @ 5:00 am - 2:00 pm (Registration required during August!)

The Air Force Marathon will be held on Saturday, September 16. We are forming a team of ham radio volunteers to support the event by operating several networks for logistics, medical information, monitoring and tracking of runners, shadowing of race officials, and support of finish line operations. We need in excess of sixty volunteers to make all of this happen. As this is being written, only 75% of the required number of volunteers have signed up; we could use your help. Most of the race takes place on Wright-Patterson Air Force Base (near Dayton) which adds a couple of security complications: registration needs to be completed before the end of August and race day entry to the base requires arrival by 5:30 AM to accommodate ID checks and road closures.

To volunteer, go to the web page usafmarathon.com/volunteer/ and select VOLUNTEER NOW. You will be redirected to the portal at raceroster.com where you will need to create an account. Select VOLUNTEER and sign in. Select the pull-down list under "Volunteer With Us", scroll down and select "Volunteer on Saturday, September 16th, 2023". Continue to scroll down and fill out the required information. Be sure to include your Call Sign in the appropriate box. Below that box, under "Amateur Radio Operator" click the box for "Add to order". Continue to the bottom of the page and select your t-shirt size. "CONTINUE" to submit your registration.

Also, please report that you have signed in by sending a message with your name and callsign (and preferred email, if different from the account you sent it from) to AFM.Hams@gmail.com

If you have questions, use AFM.Hams@gmail.com.

As the race date nears, you will receive an invitation to a training session and a link to the training materials, assignment list, and communications plan.

**Bob Baker N8ADO
Greene County EC
Volunteer Lead for Amateur Radio Support to the Air Force Marathon**



The Southern Ohio Amateur Radio Association, Inc.
A Nonprofit Ohio Corporation and ARRL Special Service Club
P. O. Box 4684
Ironton, Ohio 45638

“Dedicated to community service through amateur radio” www.w8soe.org

Let's Talk Ham Radio

If you are interested in Ham Radio and want to see firsthand what Ham Radio is about and talk to someone around the word, this free event is just for you. You will receive literature about how to obtain a Ham Radio license without knowing morse code. There will be a full operating station set up on battery and solar power using different antennas that *you* can use with the direct supervision of an FCC licensed operator. Members of the Southern Ohio Amateur Radio Association (SOARA), Lawrence County, Ohio, will be available to answer all your questions. No age restrictions! Everyone is welcome.

Location: The special event, *Let's Talk Ham Radio*, will take place at the Patriot Park picnic shelter, South Point, Ohio, on the beautiful Ohio riverbank at the confluence of the Ohio River and the Big Sandy River. The GPS location is the intersection of Ferry Street and 2nd Street East. The site is handicap accessible and there is lots of parking.

Date: Saturday, September 30, 2023, with a rain date of Saturday, October 14, 2023.

Time: 10:00 AM to 2:00 PM

For additional information, contact Mike Love WB8YKS, SOARA, PIO 304-638-7338 or Mlove82a@gmail.com. Visit the SOARA website WWW.W8SOE.org

Don't miss out on this special opportunity to learn how to get a Ham Radio license!

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.

The Athens County Amateur Radio Association held a foxhunt on Sunday, Sept. 3rd.

Despite it being Labor Day weekend, WD8RIF Eric McFadden hid carefully as the fox and provided transmissions and clues on the 2 meter club simplex frequency.

Despite getting off on the wrong foot, both N8VZ Carl Denbow and KC8JRV Kirk Groeneveld eventually zeroed in on the fox location, and it became a race to see who would arrive at the Waterloo Nature Preserve first.

Due to the distance of the location from central Athens city, both hunters found the clues given to be more helpful in narrowing the field of search. The fox was at 844 feet elevation. KC8JRV Kirk G arrived at 1:18 into the hunt, having taken off in 2 different directions and not hearing the fox frequency at first. N8VZ Carl D found the fox at 1:21, barely three minutes behind Kirk.

As it was a hot day and yard work chores beckoned, there was no meal held after the Hunt, though a photo was snapped. The next Athens Co. Foxhunt may be held later in September and N8VZ expressed interest in hosting a hunt in mid-October if possible.

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.*

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 11th; Apr 8th; Jun 10th; Aug 12th; Oct 14th; and Dec 9th, 2023.

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, Middleton, 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 2023 are January 15th, March 19th, May 21st, July 9th, September 10th, and November 12th.



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 Jim Mekeel, KE8EMP, email KE8EMP@gmail.com or 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 **2023** Amateur Radio license exams at the **Kirtland Library**, 9267 Chillicothe Road, on the following dates:

Saturday, February 4
Saturday, April 1
Saturday, June 3

Saturday, August 5
Saturday, October 7
Saturday, December 2

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

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

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

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

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

The Lancaster and Fairfield County Amateur Radio Club (LFCARC)

hosts exam sessions at the FAIRFIELD County EMA, 240 Baldwin Dr in Lancaster Ohio, 43130, on the first Saturday each month at 10:00 am. Please visit our website at <http://www.k8qik.org> for exam dates on our calendar and navigate to our Learning Center/Taking the Exam link for information and requirements. Our experienced VE team looks forward to serving the Amateur Radio community in Central Ohio. Contact me at ve_testing@k8qik.org to register.

Lisbon Area Amateur Radio Association

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)

VE sessions are held the first Saturday of odd-numbered months (EXCEPT FOR March and July) at 10 AM in the North Olmsted Library, 27403 Lorain Rd., North Olmsted. 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 March 12th at the NOARS Winterfest held at Lorain County Community College in the John A Spitzer Conference Center, 1005 Abbe Rd N, Elyria, OH 44035. Please email Elaine – KC8FOS at ewilkinson1951@gmail.com 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/>

DARA University

The fall season at DARA University is nearly upon us. Here are the classes for the Fall 2023 learning season:

- Technician – 23 Sep, 30 Sep, 7 Oct, and 14 Oct
- General – 21 Oct, 28 Oct, 4 Nov, and 11 Nov
- Extra – 18 Nov, 25 Nov, 2 Dec, and 9 Dec
- Tech and General Test session 15 Nov 1900 local at the DARA Clubhouse
- Extra Test session TBA

All classes are from 0900 to 1300 local and are conducted at the DARA Clubhouse.

For more information see <https://w8bi.org/education/classes/>

For the full content of the Technician learning materials (not including the manual) see <https://w8bi.org/education/classes/tech-class-details/>

Limited quantities of license manuals are available from your instructor for \$30.00.

Please feel free to share and repost this information on social media and pass it along to prospective Technician candidates!

73 and see you in class.

de N8NMG – John – Dayton, Ohio

Emergency Communicators Offer Free License Classes

Natural disasters highlight the ways that amateur radio operators serve their communities. Amateur radio not only provides a way for citizens to communicate for their own safety but a way for them to assist others when cell phones and other communication systems fail or are overloaded.

For those interested in obtaining an FCC amateur radio license, the Greene County Amateur Radio Emergency Service (GCARES) is offering three Amateur Radio license classes starting Sunday, September 17, 2023. The classes will meet from 7 to 9 p.m. each Sunday through

November 12th. A test for all classes of licenses will be given November 19th at 6 p.m. in the Community Room at Beaver Creek Township Fire Station 61.

There is no charge for the classes and Morse Code is no longer required to obtain any amateur radio license. The classes are supported by the Bellbrook Amateur Radio Club (BARC), the Upper Valley Amateur Radio Club (UVARC) and the Xenia Weather Amateur Radio Network (XWARN) in addition to GCARES.

The entry level Technician Class course will be held in the Bellbrook Amateur Radio Club Clubhouse, Room 1, Sugarcreek Elementary School, 51 South East Street in Bellbrook. No experience is required and there is no minimum age required to earn a Technician Class license. The General Class course and the Test Session will be held in the Training Room at Beaver Creek Township Fire Station 61 located at 2195 Dayton-Xenia Road just west of Orchard Lane. The Extra Class course will be held in the Training Room at Fairborn Fire Station 2 located at 2200 Commerce Center Blvd. just south of Dayton-Yellow Springs Road.

To register for a course or for more information, please contact Bob Baker, N8ADO, by email at n8ado@woh.rr.com or Jim Gifford, KD8APT, BARC Secretary at kd8apt@gmail.com. You may also register in person at the first class.

Amateur radio is authorized by the FCC and you must register with the FCC and obtain an FCC Registration Number (FRN) before getting a license. To visit the FCC website and login or register, go to <https://wireless2.fcc.gov/UlsEntry/licManager/login.jsp>
Textbooks may be purchased from the Amateur Radio Relay League (ARRL) at <https://www.arrl.org/shop/Licensing-and-Education/>.

Submitted by Bellbrook Amateur Radio Club secretary, James M. Gifford

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

ARLD035 DX news

This week's bulletin was made possible with information provided by PY2KP, The Daily DX, 425 DX News, DXNL, Contest Corral from QST and the ARRL Contest Calendar and WA7BNM web sites. Thanks to all.

DEMOCRATIC REPUBLIC OF CONGO, 9Q. Vlad, OK2WX is QRV as 9Q2WX until

September 9. Activity is on 80 to 6 meters using CW, SSB, and various modes. QSL via IZ8CCW.

CAPE VERDE, D4. Harald, DF2WO will be QRV as D44TWO from Sao Tiago, IOTA AF-005, from September 2 to 17. Activity will be on the HF bands and 6 meters using CW, SSB, and FT8, and on Satellite QO-100. QSL via M0OXO.

NORTH COOK ISLANDS, E5. Operators AA7JV, HA5YD, HA7RY and KN4EEI are QRV as E51D from Penrhyn Atoll until September 10. Activity is on 160 to 6 meters using CW, SSB, and FT8. QSL via HA7RY.

CANARY ISLANDS, EA8. Marc, DL1BU will be QRV as EA8/DL1BU from Gran Canaria, IOTA AF-004, from September 3 to 17. Activity will be holiday style on the HF bands. QSL to home call.

MARIANA ISLANDS, KH0. Uli, DL2AH is QRV as KH0/DL2AH from Rota Island, IOTA OC-024, until September 14. Activity is on 80 to 6 meters using SSB and FT8. QSL direct to home call.

BELGIUM, ON. Special event station OO35ATH is QRV during the month of September to celebrate the 35th anniversary of the Radio Club de Ath. QSL via operators' instructions.

DENMARK, OZ. Mike, DG5LAC is QRV as OZ/DG5LAC from Romo Island, IOTA EU-125, until September 13. Activity is on the HF bands using FT8, FT4, and some SSB. QSL via LoTW.

CURACAO, PJ2. Jeff, K8ND is QRV as PJ2ND from Signal Point until mid-October. Activity is on 160 to 10 meters using CW and SSB. He may be active as PJ2T in upcoming contests. QSL PJ2ND via K8ND and PJ2T via KU9C.

BRAZIL, PY. Members of the Liga de Amadores Brasileiros de Radio Emissao will be QRV with special event call sign ZV201ID from September 3 to 9 to mark the 201st anniversary of the independence of Brazil. QSL via LoTW.

CRETE, SV9. John, SV9CJO is QRV as special event station SV9/J43ND during all of September representing a social action against drugs. QSL via LoTW.

EAST KIRIBATI, T32. Ken, KH6QJ is QRV as T32AZ from Kiritimati, IOTA OC-024, until October 17. QSL to home call.

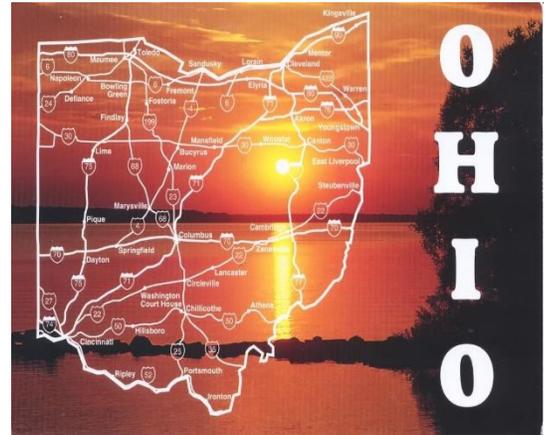
COSTA RICA, TI. Members of The Radio Club of Costa Rica are QRV with special call sign TI0RC during September to celebrates the club's 70th anniversary. QSL via LoTW.

MARSHALL ISLANDS, V7. Bob, N7XR plans to be QRV as V73XR from Kwajalein, IOTA OC-028, beginning in September and active for three months. QSL via Club Log.

AUSTRALIA, VK. A large group of operators are QRV with special call sign VI7ALARA until November 8 to mark the Australian Ladies Amateur Radio Association's meeting in Hobart. Activity is on the HF bands. QSL via Club Log.

PITCAIRN ISLAND, VP6. Meralda, VP6MW is generally active on 17, 15, 12, and 10 meters using FT8 between 2130 and 2300z. QSL via W0VTT

Upcoming *Hamfests*



Ohio Hamfests

2023

	09/10/2023 - Findlay Hamfest Location: Findlay, OH Sponsor: Findlay Radio Club Website: http://findlayradioclub.org Learn More
09/24/2023 - Cleveland Hamfest Location: Berea, OH Sponsor: Hamfest Association of Cleveland Website: http://www.hac.org Learn More	10/29/2023 - Massillon (OH) Hamfest (& auction) Location: North Canton, , OH Sponsor: Massillon Amateur Radio Club Website: http://www.w8np.net Learn More



2023 FINDLAY HAMFEST

Vendor set-up 6AM.
Doors open at 8AM.

SUNDAY, SEPTEMBER 10

Hancock County Fairgrounds
1017 E. Sandusky St., Findlay, OH 45840

41.036717
-83.631166

\$10 Admission

\$20 Vendor Table (\$15 additional tables)

\$10 Flea Market Space

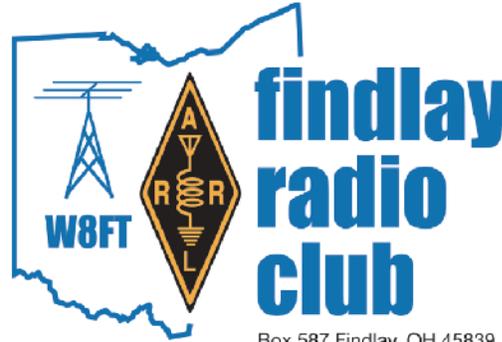
\$15 Overnight fee

CONTACT US:

Talk In: 147.15+ (PL 88.5)
444.15+ (PL 88.5)

Phone: 419-423-3402

www.findlayradioclub.org/hamfest
hamfest@findlayradioclub.org



Box 587 Findlay, OH 45839
Organized in 1925

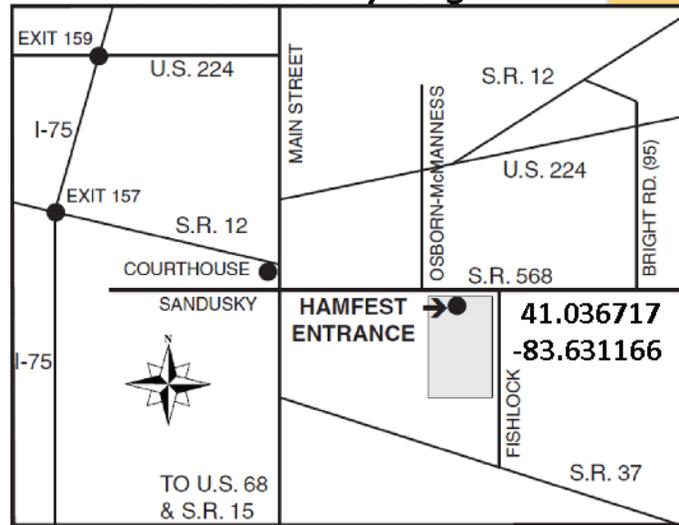
RAIN OR SHINE
FREE PARKING



For more information and online ticket sales, just point your cell phone's camera on this QR code.



Hancock County Fairgrounds





ARCS ANNUAL HAMFEST
SATURDAY SEPTEMBER 30
8:00 AM - 2:00 PM



*Ham Radio
Festival*

Ky4arc.com website
PAINTSVILLE REC CENTER
Rt 40 232 Preston Street
Paintsville, KY 41240

*All
Welcome*

Talk in 147.225 + pl 127.3

\$ 5.00 ADMISSION
\$ 5.00 VENDOR TABLES
EXTRA MAIN PRIZE
TICKETS WILL BE SOLD

MAIN PRIZES
 Do not have to be present to win

 Dual band (VHF/UHF) Mobile Radio
 Off Center Fed Dipole
 Other smaller prizes

ARRL TESTING ALL CLASSES
 \$15.00 , COPY OF EXISTING
 LICENSE or CTCSS, PICTURE ID ,
 and FRN number

Food Consessions will be available !

Under Five Get In Free!

contact : **Ron Grossl 606-789-7767 n4rlg@arrl.net**

DX This Week – 160M Propagation

Bill - AJ8B

(thedxmentor@gmail.com, @AJ8B, or www.aj8b.com)



I hope that I was able to get you in the log during the OH QSO party. I had a lot of fun and am already looking forward to next year! By the time you read this, Labor Day will be behind us and fall will be less than 3 weeks away!

In this edition, I have reprinted, with permission, an excellent technical article from Carl, K9LA. There is a lot to learn from this article about 160M and I hope you enjoy it.

Speaking of 160M, check out the latest edition of the SWODXA newsletter. ([Newsletters – Southwest Ohio DX Association \(swodxa.org\)](#)) It has many articles about 160M. If you have never tried 160, it is not that hard. If you are an experienced DXer, let me know what I missed and pass along your expertise.

I was recently asked about the WAC award. The WAC, or the Worked All Continents award is issued for working and confirming all six continents. These are North America, South America, Oceania, Asia, Europe and Africa. This award is Sponsored by the International Amateur Radio Union (IARU). Details can be found on the ARRL website.

A Five-Band Worked All Continents award is also available. You must work and confirm all six continents on each of the 5 primary Amateur bands of 80, 40, 20, 15 and 10 Meters. When these band awards are completed, endorsements are available for the remaining amateur bands except for 60 meters. The Five-Band WAC is strictly a band-only award and it cannot be endorsed on any mode.

If anyone has a question or a comment, just send an email to TheDXMentor@gmail.com.

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An Interesting Week on 160m by Carl, K9LA

A few years ago, a group of Germans went to Sudan, and they put STØRY on the air. I needed ST on 160m, and since they advertised a big low band effort, I did some advanced planning to improve my chance of adding a new one to my 160m DXCC total. Using W6ELProp, I noted that my sunset was at 2354 UTC (just before 7PM local time here in Ft Wayne) and ST sunrise was at 0400 UTC (11PM local) for the mid-date of their DXpedition. That means the short path

would be in darkness for about four hours. More importantly, there was the possibility of an enhancement in signal strength around my sunset and around ST sunrise. Historical observations have generally shown that the enhancement at sunrise is the most likely one and the most pronounced one, so that's where I was going to concentrate my effort. I also planned on not jumping in on the first couple nights – I'd wait until the pileups were down a bit. That turned out to be a big mistake.

On the first two nights of their operation, I was in bed at 10PM adhering to my “wait a couple days” plan. On the second night around 10:30PM I was awakened by a phone call from Jean, the wife of John K9UWA. She relayed that STØRY was real loud on 160m, and that John, Gary KD9SV, and Jim KR9U just worked them (the other 160m aficionados in the Ft Wayne area), and I better get down to the radio pronto.

I quickly went downstairs, turned everything on, and sure enough STØRY was very Q5 at my QTH. I threw my call into the fray, but no luck. About 5 minutes later they were down in the noise, and I couldn't copy them. This is an excellent example of the old adage “you snooze, you lose.”

This spurred me to listen in earnest every night thereafter at a little before my sunset (to catch any sunset enhancement on my end) and from 10PM on (to make sure I caught any sunrise enhancement on the ST end). I also kept an eye on Packet at all other times. They were there most every night as evidenced by the East Coast spots on Packet. But I couldn't hear them well enough to call. Finally, on March 28, the sixth night after my “you snooze, you lose” episode, STØRY came well out of the noise at 0320 UTC and they were very Q5 until around 0340 UTC, when they faded back into the noise. That twenty-minute period was a great example of sunrise enhancement. But unfortunately, I came away empty-handed, as I couldn't get through the East Coast callers.

I kept checking every night afterwards until they ceased operating (which was four nights later), but their signal never came up as it did on the 28th. Was I disappointed that I didn't work them? Sure, but another old adage is “there's a silver lining in every dark cloud.” On one of the nights when I was listening for STØRY, I caught 9L1BTB for a new one on 160m just as he was getting started on the band. With most everyone else calling STØRY, the 9L was very easy to work before the pileup got too big.

From my observations for this DXpedition, there were only two nights with a sunrise enhancement (the “you snooze, you lose” night and the night six days later). But this doesn't say there weren't any more. Perhaps there were enhancements of less magnitude every night – they just were not big enough for me to notice.

So, what causes a sunrise (or sunset) enhancement? One of the most plausible explanations is the occurrence of a more efficient mode. If we assume that conventional multi-hop propagation was occurring prior to sunrise approaching the ST end, then we'd expect absorption on every hop (along with ground reflection losses). As an example, a seven E hop mode (a reasonable assumption for this 11,000km path) would have in the neighborhood of 9dB of absorption per hop, for a total of 63dB of absorption. This would take its toll on the received signal strength.

As sunrise approaches the ST end, the dawn tilt in the ionosphere (because the nighttime ionosphere is higher than the daytime

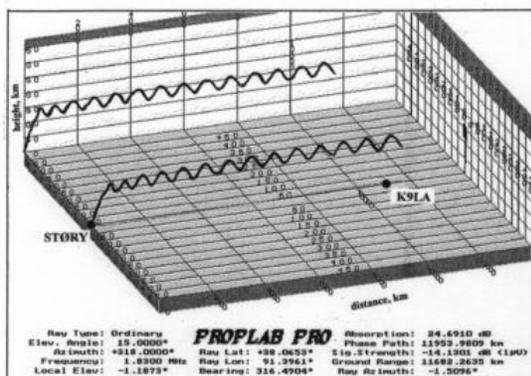


Figure 1 A Duct Mode from ST to W9

ionosphere) begins to come into the picture. What this could do is instigate a ducting mode – a mode that doesn't incur ground reflection losses or absorption on transits through the absorbing region. Figure 1 is a ray trace from Proplab Pro (Solar Terrestrial Dispatch) from STØRY to K9LA at 0330 UTC on March 28 (the middle of my observed sunrise enhancement period noted previously) showing such a mode.

The premise is that the dawn tilt helped STØRY's RF get into the duct (by the way, there's a tilt at dusk, too). With only 25dB of absorption to get to K9LA (from the data in the lower right corner of Figure 1) and no ground reflection losses, the duct mode signal strength would be significantly greater than the aforementioned conventional multi-hop. mode. As sunrise got closer to ST, the tilt would disappear, and the duct would also go away. Note that the height scale in Figure 1 starts at 0km and is in 50km increments – I mention this as the actual height values are truncated in the Proplab Pro image. Is there a physical reason for a duct to occur? Yes, there is, and Figure 2 (also from Proplab Pro) shows the electron density profile along the STØRY to K9LA path at a point well away from sunrise.

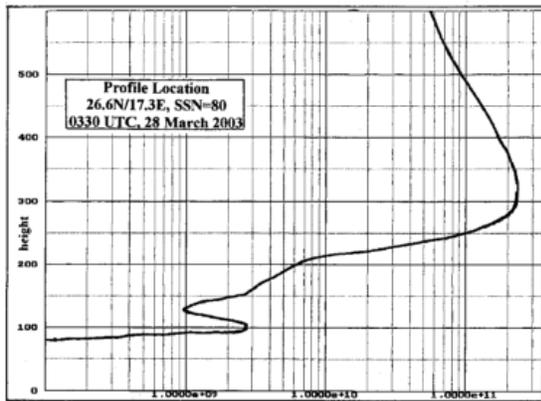


Figure 2 Electron Density Along the ST to W9 Path

We're looking along the path, and we're looking at the electron density versus height in km. Note the valley above the E region peak (the peak being at 100km). This is a typical profile in the dark ionosphere under quiet geomagnetic conditions. What this forms is a natural upper and lower boundary for successive refractions to occur. If you compare the apogee and perigee of the ray trace in Figure 1 (around 150km and 110km, respectively) to the electron density profile in Figure 2, you'll see that the ray is refracting between the topside of the E region and the higher F region.

Although a duct mode being the root cause of low band enhancements is an interesting hypothesis, it has its problems. One problem is seen in Figure 1: what brings the ray down into K9LA? Fortunately, this isn't too hard to answer. Our model of the ionosphere is a monthly median model, which means it's essentially an average of the ionosphere during the desired month. Thus, it doesn't show the daily variation of the ionosphere, and more importantly it doesn't show the irregularities that are known to exist in the ionosphere – even in the dark ionosphere when things are generally more stable. It could be that an irregularity in the electron density refracted the signal out of the duct. What helps here is that refraction is inversely proportional to the square of the frequency. Thus, of all our bands, 1.8MHz RF would be refracted the most from a given irregularity (gradient).

A more troubling problem deals with getting into the duct. Is the tilt the only way to get into a duct on 160m? Based on ray tracings with Proplab Pro along the ST to W9 path at 0200 UTC (well before sunrise at the ST end) and from many other previous ray tracings on other paths, the answer to that question is NO. Ducts can start in the dark ionosphere (the extent to which they

occur appears to depend on magneto-ionic issues), so it's not real obvious why a duct instigated by approaching sunrise would be any better than a duct away from sunrise. Please realize that this hypothesis is speculation. But it's interesting to think about it and try to match the physics of the ionosphere to observations, and vice versa. When we have a good match, we'll probably know the answer to sunrise (and sunset) enhancements on 160m.

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

Correction on **Trindade and Martin Vaz Islands** DXpedition. Last week, we announced some of the details about the PRØT DXpedition to Trindade and Martin Vaz Islands. We unfortunately gave the wrong callsigns for two team members. Beto, PY6RT, and Fabio, PY1ZV, will join Stefano, PT2IC, on the island. They will be sailing on a Brazilian Navy vessel, four to five days each way, with three to four days on the island. There will also be nine remote operators on FT8.

The 70th **W9DXCC** Convention will take place September 15th -16th at the Chicago Marriott Naperville in Naperville, Illinois. Program information, registration, and hotel discount details are all on the convention website. Contest-University and DX-University will be on Friday. Saturday will feature speakers, exhibits, QSL card checking, and a CW pileup contest, as well as an evening reception and banquet. Ed, WA9GQK, continues as convention chair.

We have a clarification on D1 and DØ prefixes. The D1 and DØ prefixes are stations operating from the Donetsk and Luhansk oblasts in the Donbas region of Ukraine.

They are operating from the Russian separatist areas. This has been going on since 2014. QSOs with them do not count for DXCC.

Eric, EL2EF, has once again began operating again from Monrovia, **Liberia**. He has been off the air since February of this year. He mostly is QRV on SSB on 20 and sometimes on 15 meters. EL2EF QSOs are uploaded to Club Log. You can also QSL via N2OO and OQRS.

Ersoy, TA2OM, gives us an update on his 3C3CA, **Equatorial Guinea**, operation. His work assignment on Malabo Island is quickly coming to an end. Ersoy has been QRV as 3C3CA since late September 2022. He has made over 189K contacts. He says maybe one more week and then he plans to pack his rig and computer last!

The **Northern California DX Foundation, or NCDXF**, is pleased to announce their financial support for the September 24th, 2023, ZD9W DXpedition to Tristan da Cunha & Gough Island. NCDXF has received an overview of the plans from Yuris, YL2GM, and his financial budget for the operation. Yuris has been very successful with his DXpeditions and NCDXF has given him our wholehearted support for a \$2500 grant for ZD9W.

The trip is imminent, and we look forward to his capable management of his pileups for several weeks.

The mission of NCDXF is to provide necessary financial support for well-organized DXpeditions to desirable DXCC entities and to support advances in DXpeditioning skills, technology, and infrastructure. Those funds come from the contributions of our supporters in the DX community. Your contribution will help make DX happen. Visit our website: www.ncdxf.org

4W – East Timor Press Release. During our 4W1A scouting trip in April we experienced how easy it is to work into Europe and Asia, but how difficult it is to reach North and South America. Signals to/from the Northern US, Canada, and the East Coast and a large part of South America must pass through the respective polar regions. It is very challenging to reach W1, W2, VE1, VE2, VE9, VO1, VO2, VY2, other countries in the Arctic and a large part of South America. South America is even more challenging as the terrain is rising in that direction, with mountains as high as almost 3000m.

4W8X will have the right antennas and operating concept to be heard well in the Americas – on all bands and at the right times. We'll pay special attention to "difficult areas" and – rest assured – we'll work hard to get as many NA and SA stations in our log as possible.

As a reminder, Timor-Leste, using 4W8X, will be activated in November 2023 by a team of 20+ skillful and highly experienced DXers and Contesters from Germany, Austria, Poland and Hungary under leadership of Lagunaria DX Group. (<http://lagunaria-dx-group.org>).

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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!

Check out the WA7BNM Contest Calendar page <https://www.contestcalendar.com/>) and CQ Magazine for more contests or more details. I also have a comprehensive list that can be imported to your calendar at www.aj8b.com/files

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

Below is a contest that should allow you to pick up some much-needed band slots or new ones.

In June, it was announced that the United Kingdom would organize the 2026 World Radiosport Team Championship. The WRTC 2026 Organizing Committee, led by MØDXR, Mark Haynes, has been hard at work ever since.

On August 25, the Organizing Committee announced their selection criteria for entrants. Briefly, everyone interested in qualifying for WRTC 2026 must do so by operating in a variety of contests between October 2023 and March 2025. There will be 15 qualifying events (with the eight best scores counting), and 42 qualifying teams across 30 qualification areas. In addition to the geographically selected teams, the defending champions, four youth teams (whose members must be under age 26 as of July 11, 2026), at least two sponsored teams, and at least one wild card team will be invited. There is an explanatory video on the WRTC 2026 website.

WRTC 2026 will take place during July 2026 in an area known as East Anglia, about 85 miles (137 kilometers) from London. The 50 operating sites will be located in the counties of Suffolk, Norfolk, and Cambridgeshire, with the headquarters venue positioned to serve these sites.

The Worked All Europe DX Contest SSB will be held September 9th and 10th. Many leading contesters claim the WAEDC to be the most challenging contest of the year. Being a true-blue DX contest, only intercontinental QSOs between DX and Europe are counted. Therefore, the number of DX QSOs here may be similar to the amount of DX usually worked in the CQWW.

You can get additional points by passing traffic to the other station. This is great fun and a real chance to round our band slots and work an all time new one.

Below is a list of upcoming contests:

Date(s)	Event	Info
All Year	CQ DX Marathon	http://bit.ly/3FyPiui
Sept. 6	VHF-UHF FT8 Activity Contest	http://www.ft8activity.eu/index.php/en/
Sept. 9	FOC QSO Party	http://www.g4foc.org/qsoparty
Sept. 9-10	Alabama QSO Party	http://alabamacontestgroup.org/aqp/rules/

Sept. 9-10	Worked All Europe SSB Contest	https://bit.ly/36ubggF
Sept. 9-11	ARRL September VHF QSO Party	http://www.arrl.org/september-vhf
Sept. 10	North American CW Sprint	http://ncjweb.com/Sprint-Rules.pdf
Sept. 13	VHF-UHF FT8 Activity Contest	http://www.ft8activity.eu/index.php/en/
Sept. 13	RSGB Autumn Series CW	https://bit.ly/3TxCrxl
Sept. 14	Bavarian Contest Club QSO Party	https://bit.ly/42VQn9f
Sept. 16	Feld Hell on Wheels Sprint	http://bit.ly/2JcbOwW
Sept. 16-17	ARRL 10 GHz and UP Contest	http://www.arrl.org/10-ghz-up
Sept. 16-17	Iowa QSO Party	http://www.w0yl.com/IAQP
Sept. 16-17	New Hampshire QSO Party	https://w1wqm.org/nh-qso-party/
Sept. 16-17	New Jersey QSO Party	http://bit.ly/1nDlf8V
Sept. 16-17	QRP Afield	http://bit.ly/2QACxFu
Sept. 16-17	SARL VHF/UHF Digital Contest	http://bit.ly/H0IqQf
Sept. 16-17	Scandinavian CW Activity Contest	https://www.sactest.net/blog/
Sept. 16-17	Texas QSO Party	http://txqp.net/
Sept. 16-17	Washington State Salmon Run	http://salmonrun.wwdxc.org/rules/
Sept. 17	BARTG Sprint PSK63	http://bartg.org.uk/wp/contests/
Sept. 17	North American RTTY Sprint	http://ncjweb.com/Sprint-Rules.pdf
Sept. 18	RSGB FT4 Contest Series	https://bit.ly/3TxCrxl
Sept. 20	VHF-UHF FT8 Activity Contest	http://www.ft8activity.eu/index.php/en/
Sept. 28	RSGB Autumn Series Data	https://bit.ly/3TxCrxl
Sept. 23	AGCW UHF/VHF Contest	https://www.agcw.de/contest/vhf-uhf/
Sept. 23-24	Maine QSO Party	http://www.ws1sm.com/MEQP.html
Sept. 23-24	CQ WW RTTY DX Contest	http://www.cqwwrtty.com
Sep.30-Oct. 1	UK/EI DX Contest, CW	https://www.ukeicc.com/dx-contest-rules.php

OHIO'S





Perhaps it's because of the long Labor Day weekend, but as I sit at my desk on Wednesday morning trying to organize this week's column, it hit me that this is the first weekend in a month that I'm not going to attend a ham radio related gathering, a hamfest, a VE session or participate in a contest. Oh what am I going to do? I guess I could jump in the car and head to Shelby, NC for what some long-time hamfesters call the "Grand daddy of them all". I've been to it several times and this long established one is truly huge by most hamfest standards. Imagine your county fairgrounds completely filled with vendors and tailgaters. But when common sense sets in it tells me I should put that road trip thought aside and get on with the task at hand of letting you know what is going on with ham radio throughout the Southern Ohio and Ohio Valley Regions.

The **Portsmouth RC** normally holds its monthly business meeting and test session on the first Monday of the month. But in September Labor Day is observed on that day and therefore the Club has changed the meeting date to Wednesday, September 6. President Russ Jett will call the meeting to order at the usual Portsmouth American Legion location at the normal time. It's understood some folks are ready to take license tests, therefore a VE session will occur prior to the meeting.

Normally the **Hocking Valley ARA** meets at the Hocking County EOC on the first Tuesday of each month. However in September the Club will have a "dining out meeting" at Logan's Home Tavern on September 5 at 7 pm. All HVARA members are urged to attend.

Two area clubs will hold their regular business meetings on September 7. The **Clinton County ARA** will meet at 7:30 at the Boyd Cancer Center Conference Room in Wilmington. The **Lancaster Fairfield County ARA** will gather at the Fairfield County EMA Building at 240 Baldwin Drive in Lancaster beginning at 7.

The Cincinnati areas **OH-KY-IN ARS** will operate the "Big 6" booth at the annual Harvest Home Fair in the Cheviot suburb starting September 8 and going through the 10th. The booth is a major fund raiser for the club and because the booth must be open during all hours of the Fair it requires a large volunteer force to man this major Club fundraiser. If you are able to assist or just want more information, contact N8BV at 513-251-1555.

Ross County's **Bainbridge Area Hams** group will hold their monthly breakfast gathering on the 9th at the Dutch Restaurant, SR 41 at 8 am. Any ham in the Highland, Pike and Ross tri-county area is welcome to attend. Also on the same morning, for those **Highland ARA** members not venturing to Rocky Fork to help set up for the OSPOTA event, the Club's Brunch Bunch will gather for coffee and socializing at the Hillsboro Liberty Park Harmony Lake shelterhouse starting at 10. Following it several of those attending are expected to make the trip to the Fisherman's Wharf site to observe the happenings and perhaps put in some seat time.

Ohio State Parks On The Air

Although the recent Ohio QSO Party didn't have the best band conditions but the amount of activity might indicate we're in for a really fun Ohio State Parks on the Air

contest on September 9. The activity kicks off at 10 that morning with an objective to promote the 75 parks and resorts in the Ohio State Park System. It runs until 6 that evening. Although you can always work stations from your home set up, another enjoyable way to join in the fun is to take equipment to some state park and get on the air as a portable. You could find yourself very popular with people looking for you for a contact. To date 36 parks show planned activity. Check the www.ospota.org website to see if a park near you is one of the current 40 with an indication of someone planning to activate it. There are several parks in the South 40 Region with no indications of any planned operation. I strongly urge folks to seek out and visit a local club activating a park and join in on the fun. Although OSPOTA is not affiliated with the popular Parks On The Air program, contacts do count. It's a good idea to have that park's POTA indicator with you. Thanks to the **Portage County Amateur Radio Service** for their sponsorship of this event which other states are now copying.

Earlier I mentioned the Shelby Hamfest annually held over the Labor Day Weekend. It brings to mind some others that are worth a bit of a drive to attend. On September 10 the annual **Findlay Radio Club's** hamfest will be at the Hancock County Fairgrounds in Findlay. The gates to this well attended hamfest open at 8 am. For those wishing to make the journey the prior day, over-night camping is available for an additional fee.

The Charleston, WV National Weather Station will hold an Open House of their new facilities on Saturday, September 16 from 10 until 2. The open house will showcase the new RLX facilities that became operational late last year, the new amateur radio equipment and antenna system installation and highlight the new "WX4RLX" call sign assigned the station. Tours will be given each half hour. However pre-registration is required and can be made at www.weather.gov/rlx/2023-open-house. The Charleston Office serves several South 40 Region counties in Southern Ohio and West Virginia.

Over in Southeastern Ohio Belpre's **Buffalo 10 Meter Net** has teamed up with the Leavitt Funeral Home to sponsor a ham radio swapfest in conjunction with the funeral homes annual car show. The dual event takes place on September 16 at the funeral home's 801 Victor Street

Belpre location. The event is totally free and includes door prizes, music, food and drinks. Visit the www.buffalo10meter.net website for details.

Across the Mason-Dixon Line Paintsville, Kentucky's **A. R. C. S** will hold their A. R. C. S. Radio Festival on September 30 at the Paintsville Rec Center. Admission to the event is \$5 with things getting underway at 8am. Information about it can be found at the www.ky4arc.com website.

The regular business meetings of the **Athens County ARA** will resume following a summer meeting pause according to President Eric McFadden, WD8RIF. The next meeting is scheduled for September 19 at the Red Cross Building in Athens. It begins at 7 pm. Eric reminds us that those unable to make the physical meeting may participate via Zoom.

On Sunday, September 24 the **Cambridge ARA** will hold a covered-dish picnic at the Cambridge City Park, 1203 North Eighth Street. Things get underway at 2 pm. All folks interested in amateur radio are urged to attend and besides a dish to share, bring your picnic ware, a beverage and a good appetite.

Ham Radio will be the subject of a presentation that Mike Love, WB8YKS, will deliver to the Lawrence County LEPC on September 25. Mike will discuss ham radio in general as well as the ARES and the upcoming **Southern Ohio ARA**'s "Let's Talk Ham Radio" event. That event will occur on Saturday, September 30 at the Patriot Park picnic shelter in South Point, Ohio with an October 14 rain date. It will feature a Field Day type operation where amateur radio will not only be displayed but in operation. Members will be on hand to demonstrate to the public what ham radio is about and to answer questions from those wishing to learn more. It will start at 10 AM and run until 2.

Clinton County ARA President Mark Atwell, WX8A, reminds members and other hams in the Clinton County area to place the monthly "Last Saturday Breakfast" on their calendars. It will be on September 30 at Sam's Meats and Deli in Wilmington.

The Jackson County ham radio population has increased. We're pleased to announce that Ronnie Allen, Jr. of Oak Hill passed his Technician License and is now KE8ZBF.

Over in that same "neck of the woods", Milt Perry reminds us the **Vinton County ARA** has a weekly Sunday evening net on the McArthur 147.105 (PL 88.5) repeater at 8 pm. The repeater has a good footprint and is widely heard throughout the area (even here in Hillsboro-some 60-70 miles away).

Until next time here's hoping each of you have a great and safe week and a fantastic Labor Day. Plus take some time to get on the air and talk to someone. You just might make their day.

Again,



John Levo, W8KIW, jlevo@cinci.rr.com or highlandara@gmail.com, 937-393-4951

Print an Official or Unofficial Copy of Your Amateur Radio License

(By Anthony Luscre, K8ZT)

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

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



[Click here to download the instructions](#)

One Question Questionnaire

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



This week's Question: Are you excited about the way cycle 25 is going?

A) Yes, or B) No

From last week's question - **DO YOU HAVE A BRICK AT ARRL HEADQUARTERS WITH YOUR NAME ON IT?**

Only 41 responses – 4 Yes and 37 NO. This would be a very nice way to memorialize a club member / officer or friend / family member!

(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 June Handbook give away!)

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@arrl-ohio.org and we'll get them added to the Ohio Section Emailing list.



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



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

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

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!