



*“January 9, 2023”*

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## CQ CQ CQ de WB8LCD

2020 / 2021 /2022. They are all behind us now! 2023 is a new opportunity for us to take back the life that those prior years have sucked out of us. Do you remember the cartoon “Pogo”? Probably not. But I’m pretty sure you remember the phrase “We have met the enemy, and he is us”. “US” is all we need to get this ship turned around. Hence, the Year of the Volunteer. Everyone is capable of doing something of significance – DO IT!

ARRL is an organization built on volunteers who are doing it. If you pick up the December issue of QST and turn to page 15 – it lists the Officers, Division Directors, and Staff of ARRL. Not all volunteers, mostly volunteers and many who have chosen careers based on service to the organization. Among them are listed Great Lakes Division Director Dale Williams – WA8EFK and Vice Director Scott Yonally – N8SY. Volunteers who can take *your voice* to the highest levels of the ARRL organization. We all owe them a big “Thank You” for all the time, effort and money they invest in the organization on our behalf.

On the next page are listed all the Section Managers. A fantastic group of Hams who again, have made a huge investment in Ham Radio in their respective areas. Go to any Section website and look at the men and women who fill the positions closest to you in your section. Every one of which does an important job to serve you, the Amateur Radio operators across the country!

Here in the Ohio Section we are blessed with folks who have done outstanding work to make the Ohio Section a “Stand Out” in the ARRL – and don’t dismiss that as just fluff – The Ohio Section is a section that is recognized and regarded as exceptional! Let me hi-light here Stan Broadway – N8BHL who recently retired from a long career as Section Emergency Coordinator and John Ross – KD8IDJ who last year retired from the position of Section Public Information Coordinator to take a similar position directly with ARRL. Thank you both for your work on our behalf. The current Ohio Section Cabinet is made up of:

Jeff Kopcak – K8JTK – Technical Coordinator  
Bret Stemen – KD8SCL – Section Emergency Coordinator  
David Maynard – WA3EZN – Section Traffic Manager  
Anthony Luscre – K8ZT – Section Youth Coordinator  
Elizabeth Klinc - KE8FMJ – Public Information Coordinator  
Amanda Farone – KC3GFU – Affiliated Clubs Coordinator  
Bob Winston – W2THU – State Government Liaison  
Jim Yoder - W8ERW – ARES Data Manager.

I thank them all, and I hope you will too. Everyone is a volunteer. Everyone has an attitude of “excellence” and works hard to serve the needs of Hams in Ohio!

I belong to several clubs in Ohio, and have contact with most, one way or another. I can say, firsthand, that the Ohio Section has FANTASTIC clubs! I have yet to be to a local club that is

NOT run by volunteers. And every club has multiple volunteer positions. Every club needs YOU to be an active participant and to fill those positions. And, (I know I say it too much) they need you to fill those positions and do the work of those positions with Passion. I always hate the response “I’ll do it if no-one else will” because it doesn’t impress me that that person is inspired to do the best job possible. I want to challenge you all to make sure that no club positions go unfilled in 2023, and that all positions are held by people who want to do the work and to it better than it’s ever been done before! Can you imagine what the result of that would be?

You can be a volunteer on an individual basis. Someone needs help with a project, with their antennas, a ride to a club meeting, there are endless possibilities, step up. Be a volunteer. More importantly, be a friend. It’s the small things that really matter. The things that make this a hobby where everyone is treated as a friend.

Finally, there are things that are just a “one-up” situation where something needs to be done and you step up and do. The most recent example of that would be the Ohio Distracted Driver legislation that was just signed by Governor DeWine this past week. This year the Ohio House of Representatives took it up earlier in the year. It was important that Amateur Radio be represented to protect our ability to participate with mobile communications. To those who did not know of Amateur Radio, and our Federal Mandate to provide emergency communications, a bill could have been drafted which would have deemed our mobile operations unlawful. Fortunately for us, a ham from SW Ohio who knew one of the legislators who drafted the original bill stepped up and because of his efforts, Amateur Radio has a “carve out” in the bill making our radio operations not subject to the legislation. A big “Thank You” goes out to Michael Kalter – W8CI – for stepping up and getting involved.

I’m going to finish this section with this, thank you to all who volunteer. Keep it going – no matter big or small, it makes a difference. Sometimes something as simple as just showing up can make all the difference needed.

73,

Tom Sly - WB8LCD  
Ohio Section Manager  
[wb8lcd@arrl.org](mailto: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 January 8<sup>th</sup>\*\*\*

\*\*\*\*The January 8, 2023 Net will be held as a ZOOM Meeting! Watch for Details\*\*\*\*

The ZOOM link for the Sunday January 8<sup>th</sup> Meeting is below!

<https://us02web.zoom.us/j/87184685005?pwd=NEN2TGd1T0V5dVBtWXFacnRsSVdvUT09>

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)*



## [NASA 2023: Preparing for Our Future](#)

From crew and cargo launches to the International Space Station to the X-57 All-Electric Aircraft, we are preparing for our future by exploring the secrets of the universe—all for the benefit of humanity.

[Watch Now](#)

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## W1AW 2023 Winter Operating Schedule

### Morning Schedule:

| Time                | Mode | Days     |
|---------------------|------|----------|
| 1400 UTC (9 AM EST) | CWs  | Wed, Fri |
| 1400 UTC (9 AM EST) | CWf  | Tue, Thu |

### Daily Visitor Operating Hours:

1500 UTC to 2045 UTC - (10 AM to 3:45 PM EST)

### Afternoon/Evening Schedule:

|                     |               |               |               |
|---------------------|---------------|---------------|---------------|
| 2100 UTC (4 PM EST) | CWf           | Mon, Wed, Fri |               |
| 2100 "              | "             | CWs           | Tue, Thu      |
| 2200 "              | (5 PM EST)    | CWb           | Daily         |
| 2300 "              | (6 PM EST)    | DIGITAL       | Daily         |
| 0000 "              | (7 PM EST)    | CWs           | Mon, Wed, Fri |
| 0000 "              | "             | CWf           | Tue, Thu      |
| 0100 "              | (8 PM EST)    | CWb           | Daily         |
| 0200 "              | (9 PM EST)    | DIGITAL       | Daily         |
| 0245 "              | (9:45 PM EST) | VOICE         | Daily         |
| 0300 "              | (10 PM EST)   | CWf           | Mon, Wed, Fri |
| 0300 "              | "             | CWs           | Tue, Thu      |
| 0400 "              | (11 PM EST)   | CWb           | Daily         |

### Frequencies (MHz)

CW: 1.8025 3.5815 7.0475 14.0475 18.0975 21.0675 28.0675 50.350 147.555

DIGITAL: - 3.5975 7.095 14.095 18.1025 21.095 28.095 50.350 147.555  
VOICE: 1.855 3.990 7.290 14.290 18.160 21.390 28.590 50.350 147.555

Notes:

CWs = Morse Code practice (slow) = 5, 7.5, 10, 13 and 15 WPM  
CWf = Morse Code practice (fast) = 35, 30, 25, 20, 15, 13 and 10 WPM  
CWb = Morse Code Bulletins = 18 WPM

CW frequencies include code practices, Qualifying Runs and CW bulletins.

DIGITAL = BAUDOT (45.45 baud), BPSK31 and MFSK16 in a revolving schedule.

Code practice texts are from QST, and the source of each practice is given at the beginning of each practice and at the beginning of alternate speeds.

On Tuesdays and Fridays at 2330 UTC (6:30 PM EST), Keplerian Elements for active amateur satellites are sent on the regular digital frequencies.

A DX bulletin replaces or is added to the regular bulletins between 0100 UTC (8 PM EST) Thursdays and 0100 UTC (8 PM EST) Fridays.

Audio from W1AW's CW code practices, CW/digital bulletins and phone bulletin is available using EchoLink via the W1AW Conference Server named "W1AWBDCT." The monthly W1AW Qualifying Runs are presented here as well. The audio is sent in real-time and runs concurrently with W1AW's regular transmission schedule.

All users who connect to the conference server are muted. Please note that any questions or comments about this server should not be sent via the "Text" window in EchoLink. Please direct any questions or comments to [w1aw@arrl.org](mailto:w1aw@arrl.org).

In a communications emergency, monitor W1AW for special bulletins as follows: Voice on the hour, Digital at 15 minutes past the hour, and CW on the half hour.

All licensed amateurs may operate the station from 1500 UTC to 2045 UTC (10 AM to 3:45 PM EST). Be sure to bring a reference copy of your current FCC amateur radio license.

The weekly W1AW and monthly West Coast Qualifying Runs are sent on the normal CW frequencies used for both code practice and bulletin transmissions. West Coast Qualifying Run stations may also use 3590 kHz.

The W1AW Operating Schedule may also be found on page 96 in the January 2023 issue of QST or on the web at, <http://www.arrl.org/w1aw-operating-schedule>.

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## Youth on the Air Camp 2023 Application Period Now Open

Applications are now being accepted for campers interested in attending Youth on the Air (YOTA) Camp 2023.

Licensed amateur radio operators ages 15 through 25 are encouraged to apply online at [YouthOnTheAir.org](https://YouthOnTheAir.org). The Radio Amateurs of Canada will be the local host for the 2023 YOTA Camp. It is scheduled to take place July 16 – 21, 2023, at the Carleton University campus in Ottawa, Ontario, Canada.

Applications will be accepted through May 31, 2023, but for the best chance at being selected, applications should be submitted by 2359 UTC on January 15, 2023.

The application process is free. However, a \$100 deposit is required upon acceptance. If a camper is unable to pay the deposit, they may be able to apply for a scholarship or waiver. Camp Director, Neil Rapp, WB9VPG, said campers are responsible for their transportation to the camp location, though some assistance may be available. Travel during camp events is provided.

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.

COVID-19 guidelines are still in effect and may have an impact on offering the camp. Currently, the outlook on offering the camp in July 2023 is positive. If the camp cannot be hosted, or would need to reschedule, all applicants will be notified as soon as possible. Appropriate requirements on masking and vaccination statuses will be announced as needed.

A [YouTube](#) video is now available about the 2023 YOTA Camp. For details and additional information, contact the Camp Director Neil Rapp, WB9VPG, at [director@youthontheair.org](mailto:director@youthontheair.org).





## 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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## Free Amateur Radio License Update Classes

### General Class

The Cuyahoga Falls Amateur Radio Club will again offer online classes to pass the FCC General Class Exam. The classes will be held via Zoom on six Sunday afternoons from 1:30 to 4:00 PM. The first class will start on Jan 15th. The classes are free and available to all interested hams with Tech licenses or studying to complete their Tech license by the end of the classes. Class materials will be distributed via Google Classroom, and the suggested book is “*General License Course Study Guide*” (2019-2023 edition), available from HamRadioSchool.com.

**For more information and to register for the class, visit-**  
[tiny.cc/cfarccgeneral](https://tiny.cc/cfarccgeneral) or scan the barcode ----->>>

Please share this information with your friends.



## Extra Class

“A free, weekly, live *Amateur Radio Extra Class Licensing* course on Zoom will begin on Thursday, January 12, 2023, and run through Thursday, March 23. Sessions will start at 6:30 PM Eastern Time. Sessions will be recorded. Those attending should hold the General Class Amateur Radio License. These classes have been held for years and are sponsored by the National Electronics Museum.

The text for the course is "*The ARRL Extra Class License Manual*," 12th Edition, and students are asked to purchase and begin reading before the first class. As of Dec 2022, this text is \$32.95 from ARRL or the *Kindle Edition for \$19.95 from Amazon.com*.

For those who don't know Rol Anders (K3RA), he may be the premiere instructor for this course anywhere. Rol Anders chairs the committee that selects questions for the question pools for all classes of Amateur Radio License in the USA. Along with his assistant instructor Tom Christovich (K3YH), Rol Anders has helped hundreds of amateurs achieve Amateur Extra class licenses over the years.

To pre-register for the course (preferred) or obtain more information, you can email Rol Anders (K3RA) at [roland.anders@comcast.net](mailto:roland.anders@comcast.net) or reach him by phone at 410-796-4792”.

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## Free Live Online Class to get your General License

Sundays, Jan 15 to Feb 19, 1:30 to 4:00 PM

Cuyahoga Falls Amateur Radio Club-

*[www.cfarc.org](http://www.cfarc.org)*



# WHY YOU SHOULD GIVE AMATEUR RADIO A TRY



## Make Global Connections

Meet great people all over the world, from every walk of life and every generation. Over 2 million smart and inspiring people are on the amateur airwaves and eager to talk to you!



## Get Involved in Public Service

Community events, such as parades and road races, require radio communications along their routes for logistic support, scoring, and first aid.



## Explore Technology

Discover how radio works by building projects and experimenting. Build a simple radio receiver and make a wire antenna to listen for far-away signals.



## Compete & Win

From "foxhunting" for hidden radio signals to on-the-air contests for awards, amateur radio offers many challenging & fun ways to compete.



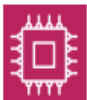
## Make a Difference

When cell phones, the internet, and other systems are down, amateur radio still gets the message out. It is a vital service that can save lives when regular communication systems fail.



## Expand Your World

Talk through satellites and with astronauts on board the International Space Station  
xxxxxxxxxxxxxxxxxx



## Get Creative

Design, build, and test your gear, whether from scratch or a kit. Challenge yourself to make a one-of-a-kind electronic project.



## Develop New Skills

Don't be afraid to try new things and learn new skills. Through amateur radio, you can develop communication skills to improve your career, friendships, and life!

## What is Amateur Radio?

Amateur Radio (ham radio) is a popular hobby and service that brings people, electronics, and communication together. You can use ham radio to talk across town, around the world, or even into space, all without the internet or cell phones. It's fun, social, educational, and can be a lifeline during times of need.

## Who are Hams?

There's no one type of person who becomes a "ham"—from doctors to students to celebrities, all ages and lifestyles are linked by their interest in wireless communications and technology.

## Get Started — Get Licensed!

There are three classes of amateur radio licenses in the US—Technician, General, and Amateur Extra, each with increasing airwave privileges. The Technician-class license is the entry-level license and requires passing an exam with 35 questions on radio theory, regulations, and operating practices.

With this license, you can communicate locally and often throughout North America. It also allows for some limited privileges on the HF (also called "shortwave") bands used for international communications.



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## Want to know where to go to get the courses you need? It's all Right Here!

- [Ohio EMA Training Calendar](#)
- [Login to the DPS Training Campus](#)
- [Create a new account on the DPS Training Campus](#)

### NOTE:

- Most courses are in-person but some course may be hosted virtually (this will be noted).
- Seats available listed are as of the release of this update and will change quickly.
- All classes will be posted on the DPS training campus at least 60 days prior to the start of the course.
- Please read the [Training Policy & Catalog](#) for more information on Ohio EMA trainings.

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## 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](http://www.arrl.org/arrl-sanctioned-events).

To apply for ARRL sanctioned status for your event, go to [www.arrl.org/hamfest-convention-application](http://www.arrl.org/hamfest-convention-application).

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

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## VE 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](mailto: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

### **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)

### **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](mailto:ab8yk@hotmail.com)

### **The Lake County Amateur Radio Association**

The Lake County Amateur Radio Association is once again holding its **2022** Amateur Radio license exams at the **Kirtland Library**, 9267 Chillicothe Road, on the first Saturday of every even numbered month.

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

### **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](mailto:ve_testing@k8qik.org) to register.

### **Lisbon Area Amateur Radio Association**

Beginning Feb 11, 2023 Testing on the 2<sup>nd</sup> 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](http://www.K8GQB.com) or contact NN8B at [nn8b.oh@gmail.com](mailto: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)**

is now doing VE testing on 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)**

VE sessions are held the first Saturday of odd-numbered months 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](mailto:ewilkinson1951@gmail.com).

### **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](mailto:KB8UUZ@gmail.com)

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## **2023 Amateur Radio Activity Challenge List**

### **Anthony Luscre, K8ZT**

Happy New Year! As we begin a new year of Amateur Radio, I wanted to pass on a few suggestions to both new and seasoned hams across the state. Over my 40+ years of AR, I have always been overwhelmed by the wide variety of activities available to us as

licensed amateurs. But I am often disappointed to see most hams get stuck in a rut of only doing one thing. New hams often feel limited by their license privileges to try new modes or bands. Even though there are limitations, Tech licensees have a wide variety of things they can try “beyond the local FM repeater.” For more on this, look at my slideshow “**Technicians, Life Beyond Repeaters... & Activities Not Just for Technicians**” at [tiny.cc/btech](http://tiny.cc/btech) or watch the video recording at <https://youtu.be/-m8tOFBYl4E>.

Even more confounding to me are seasoned hams with General or Extra class licenses that don't exercise their license privileges and band allocations. Unlike Techs, there is no problem with license restrictions and, in most cases, definitely not for lack of equipment! Many of us have radios on which we have not used all the available bands and/or modes. Maybe the lack of an antenna for a specific band is holding you back. Don't let this stop you; a temporary or non-resonate antenna with a wide-range tuner may work fine, so give it a try. Maybe you are just not comfortable with HF yet; if so, look at the three-part series that Dennis, W6DQ, and I did recently, “**Beginner's Guide to HF**.” The slideshow is [tiny.cc/bghf](http://tiny.cc/bghf), and the three videos at <https://youtu.be/cjZZjfKYPak>, <https://youtu.be/dH5gsA1CZSc> and <https://youtu.be/eG3kFbCZEM8>.

If you are interested in learning about Contesting, Logging, QSLing Online, etc. I have a list of dozens of slide presentations and recorded videos I have done at [tiny.cc/k8zt-p](http://tiny.cc/k8zt-p) (by the way, if your local club would like a meeting presentation, I would be happy to do one in person or via Zoom; just email me).

To help you try some new things in AR this year, I have put together a checklist for you to track your progress. You can use this for ideas to try. It works even better when you use it with a friend or group as a friendly competition. It would be a great club project your group could track over the year and maybe provide recognition of accomplishments with newsletter articles, certificates, or even prizes.

Some are very easy, some harder. Some may also have a profound effect on helping others in AR. If you are interested in learning CW in 2023 look at my “Having Fun with Morse”- [tiny.cc/fwm](http://tiny.cc/fwm). Please feel free to add extra activities to my list (I'm sure I missed many ideas).

| Band Worked                                       | Mode Worked   | Activity (or mode of op)   |
|---|---|--|
| <input type="checkbox"/> - 2,200 M (135 kHz)      | <input type="checkbox"/> - SSB  | <input type="checkbox"/> - Repeater QSO (2 M and up)   |
| <input type="checkbox"/> - 630 M (472 kHz)        | <input type="checkbox"/> - CW   | <input type="checkbox"/> - Repeater QSO (10 or 6 M)  |
| <input type="checkbox"/> - 160 M (1.8 MHz)        | <input type="checkbox"/> - AM   | <input type="checkbox"/> - Simplex FM QSO (VHF/UHF)  |
| <input type="checkbox"/> - 80/75 M (3.5/3.8 MHz)  | <input type="checkbox"/> - FM   | <input type="checkbox"/> - SSB QSO (VHF/UHF)   |
| <input type="checkbox"/> - 60 M (5.3 MHz)         | <input type="checkbox"/> - PSK (31, 63)   | <input type="checkbox"/> - CW Contact  |
| <input type="checkbox"/> - 40 M (7 MHz)           | <input type="checkbox"/> - FT4  | <input type="checkbox"/> - Contest Contact   |
| <input type="checkbox"/> - 30 M (10.1 MHz)        | <input type="checkbox"/> - FT8  | <input type="checkbox"/> - Satellite Contact   |
| <input type="checkbox"/> - 20 M (14 MHz)          | <input type="checkbox"/> - Other WSJT- X Modes (FSK441, JT6M, JT65, etc.)                   | <input type="checkbox"/> - Fox Hunt (ARDF)   |
| <input type="checkbox"/> - 17 M (18 MHz)          | <input type="checkbox"/> - JS8call  | <input type="checkbox"/> - WinLink Contact   |
| <input type="checkbox"/> - 15 M (21 MHz)          | <input type="checkbox"/> - Packet radio (AX25)/APRS   | <input type="checkbox"/> - EchoLink Contact  |
| <input type="checkbox"/> - 12 M (24.9 MHz)        | <input type="checkbox"/> - SSTV or Fast Scan ATV  | <input type="checkbox"/> - WAS (work all 50 states)  |
| <input type="checkbox"/> - 10 M (28 MHz)          | <input type="checkbox"/> - Digital FM- DMR, D-Star, Fusion, etc.) including Hotspots        | <input type="checkbox"/> - Work 50 countries   |
| <input type="checkbox"/> - 6 M (50 MHz)           |   | <input type="checkbox"/> - Work 100 countries  |
| <input type="checkbox"/> - 2 M (144 MHz)          | <input type="checkbox"/> - Pactor, Clover, Olivia, Throb, DominoEX, MT63, Thor, AMTOR, etc. | <input type="checkbox"/> - WAC- Work All Continents  |
| <input type="checkbox"/> - 1.25 M (222 MHz)       |   | <input type="checkbox"/> - POTA (Parks On The Air) or SOTA (Summits On The Air) Chaser Contact |
| <input type="checkbox"/> - 75 cm (440 MHz)        | <input type="checkbox"/> - FAX or Hellschreiber   |  |
| <input type="checkbox"/> - 33 cm (902 MHz)        | <b>Club</b>   | <input type="checkbox"/> - POTA or SOTA Activation   |
| <input type="checkbox"/> - Higher Microwave Bands | <input type="checkbox"/> - Attend an ARC meeting  | <input type="checkbox"/> - POTA Activator  |



|   |   |  |
|---|---|--|
| <b>Build or Install</b>                             | <input type="checkbox"/> - Present at ARC meeting             | <input type="checkbox"/> - Work you State QSO party                                  |
| <input type="checkbox"/> - New VHF/UHF Antenna      | <input type="checkbox"/> - Head a committee                   | <b>Build/Test/Repair</b>   |
| <input type="checkbox"/> - New HF Antenna           | <input type="checkbox"/> - Attend a Hamfest                   | <input type="checkbox"/> - Electronics Kit or Homebrew                               |
| <input type="checkbox"/> - New Mobile Radio         | <input type="checkbox"/> - Teach a Licensing Class or be a VE | <input type="checkbox"/> - Use an Antenna Analyzer or nano-VNA to measure            |
| <input type="checkbox"/> - New Mobile Antenna       | <input type="checkbox"/> - Mentor a new ham                   | <input type="checkbox"/> - Fix non-working Radio                                     |
| <input type="checkbox"/> - Computer/Radio Interface | <input type="checkbox"/> - Write a newsletter article         | <input type="checkbox"/> - Aurdino, Rasp Pi or other microprocess Proejct or Program |
| <input type="checkbox"/> - Club building project    | <input type="checkbox"/> - ARRL Membership                    |  |

## 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](mailto:WB8LCD@ARRL.ORG)

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## DX This Week – Ionospheric Structure

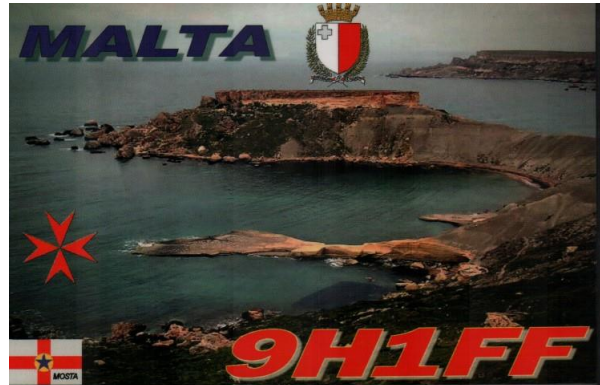
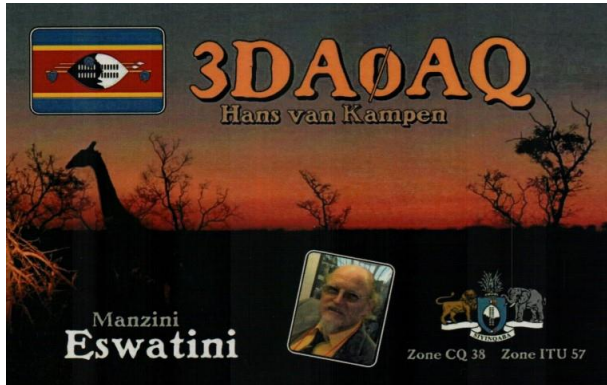
Bill AJ8B (aj8b@arrl.net, @AJ8B, or www.aj8b.com)  
CWOPs Member #1567

Hope your year is off to a great start. I was finally able to work Crozet Island. How about you? This is a great tune up for the 3Y0J, Bouvet Island team. Can't wait for that one.

I recently learned that we have some prospective DXers that "tune in" to this column on a weekly basis. I am going to go back to the basics over the next couple of weeks. We will start with the structure of the ionosphere and go from there. Thanks to Carl, K9LA for permission to reprint this. Enjoy this new information or a review.



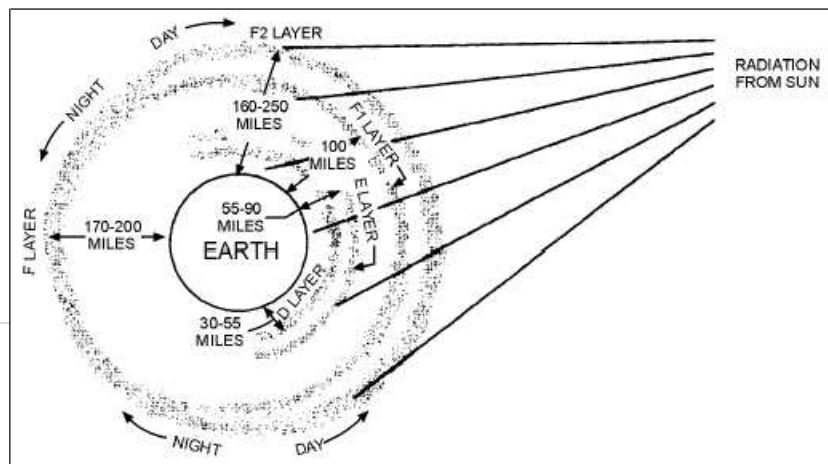
I received a card from 3DA0AQ, Hans in Eswatini, 9H1FF – Fred on Malta, and from HH18NOV. This QSL card commemorated the Battle of Vertières, in northern Haiti.



DAH DIT DIT DIT DAH DAH DIT DIT DIT DAH

### The Structure of the Ionosphere Carl Luetzelschwab K9LA

You've probably seen the following image (or something similar) in a discussion of HF propagation. It is a simplified view of the structure of the ionosphere to show the various layers of the ionosphere and to show the

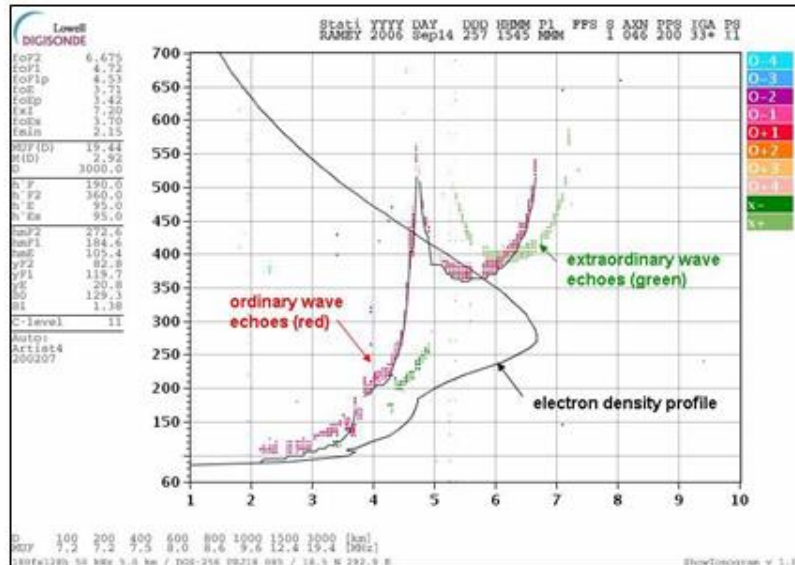


difference between daytime and nighttime.

But it's so simplified that it can lead you astray. How can that happen?

One way to be led astray with the simplified view is the depiction of distinct layers - with nothing in between each layer. For example, one could hypothesize that during the day an electromagnetic wave could duct between the F1 and F2 layers. That is highly unlikely as the true structure of the ionosphere is an electron density versus altitude with maximums and inflection points - not distinct separate "layers". The following image shows a representative electron density profile (the indicated black line).

This image is from an ionosonde, which is for all intents and purposes a radar station pointing straight up. The ordinary wave swept-frequency echoes are translated into the electron density profile. For the record, this is a daytime ionogram from the Ramey (Puerto Rico) ionosonde on September 14, 2006, at 1545 UTC.



It's obvious that the electron density (the horizontal axis, with the electron density expressed in terms of frequency through the equation  $F = 9 \times (N_e)^{1/2}$ ) increases with an increase in altitude (the vertical axis in km). It's also obvious that there are no distinct separate "layers", and thus we really shouldn't use the terminology "layers" - it would be better to use the terminology regions instead.

There are two maximums in the plot - one small one for the E region (around 3.7 MHz at 105 km) and one big one for the F2 region (around 6.7 MHz at 273 km). The transition from the D region to the E region is not very discernible - nothing like the simplified view. The F1 region only has an inflection point (around 4.8 MHz at 185 km), and this is why I said earlier that ducting between the F1 and F2 regions is not very likely - there's really no upper and lower boundary to duct in as one would assume from the simplified view.

Another way to be misled with the simplified view is the lack of an E region at night. There still is residual ionization during the nighttime, and it has a profound effect on absorption and refraction on our lower frequencies (160m and 80m).

And yet another way to be led astray with the simplified view is the lack of information with respect to the "strength" of each region. One could hypothesize that all electromagnetic waves, regardless of frequency, reach the same height in the ionosphere. But due to the increase in electron density versus altitude, lower frequencies (160m and

80m) do not get as high into the ionosphere as higher frequencies (15m, 12m, and 10m) because the amount of refraction (bending) for a given electron density is inversely proportional to the square of the frequency. That has important implications when talking about propagation to extremely long distances ñ the lower frequencies necessarily end up with shorter hops and incur more absorption.

In summary, an actual electron density profile is in stark contrast to the simplified view of the ionosphere. The simplified view is good for very basic talking purposes, but the true structure is necessary to understand the real mechanisms of HF propagation

## DAH DIT DIT DIT DAH DAH DIT DIT DIT DAH

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:

**Kilo Three Zulu Oscar**, Fred, passed away last night (see Silent Key section below). He had been in the hospital for several weeks. I remember my first QSO with Fred. I was a Novice and was good friends with K3EST, Bob Cox, who was living at Fred's house in Temple Hills. Fred was living and working in Thailand and QRV as HS1ABD. Bob knew I needed HS for my DXCC. On September 22, 1979, Bob called me on the phone to say Fred was going to the 15-meter Novice band. Conditions were very good, and I quickly worked HS1ABD for a new one.

For several years in my teens, I would multi-op with Bob and KT3Y (ex WB4SGV), Phil, at Fred's QTH. He had an amazing QTH and fantastic station. Several times I operated single-op, once coming in second place in the All-Asia CW Contest, from the East Coast.

I remember when Fred came home from Thailand and held a PVRC meeting in his house. Those in attendance saw how happy he was as Fred announced his marriage to his longtime sweetheart Samporn.

I always enjoyed talking to Fred on the telephone and in person as he was an absolute wealth of knowledge. My sincere condolences to the Laun family, PVRC and all of the Amateur Radio operators he touched over the seven decades in which he was a ham! RIP --. --- --.. --- SK

**FT#W - Crozet Islands** - After being off the air since 1820Z on January 4th FT8WW, Thierry, started back up today just after 0130Z on 30 meters FT8 on 10.131 MHz Many US stations were getting through until about 0425Z when he QSY'd to 20 meters. At that time, he said QSY to 20 CW. He called CQ multiple times on 14.031 and there were no callers. So he moved up ton FT8 on 14.085 MHz He stayed there until about 0440Z before going QRT. For those in North America this is probably your best time and frequencies to be watching for your first contact. Today just after 1100Z Thierry opened up on a new band by using FT8 on 21.085 MHz W6IZT, Greg, in Georgia, was probably the only one from the US who made it through right around 1200Z.

Remember when calling him on FT8 he is operating MSHV (multi-stream) and can have two or three signals transmitting simultaneously usually below 500 Hz (DF). He is transmitting first or even, meaning he transmits at 00 seconds and 30 seconds. He then listens for those calling him second or odd, meaning everyone calling him should be transmitting at 15 and 45 seconds. Everyone should be using straight up FT8, NOT Fox and Hound. Also as a reminder no one should be calling the DX station if they cannot hear (decode) the station. In addition, Thierry does not care about your grid locator, so you need to turn that off. The way you do that is to double click on TX1 button. Do that before you begin calling. What will happen is your first transmission will then be FT8WW + your call + signal report. Thierry will see you are really copying him and will be more likely to call you vs someone else who is unknowingly sending their grid.

**5X – Uganda** - SM0HPL, Anders, is once again in Kampala, Uganda and plans to be active on the HF bands as 5X7W for several weeks. He's operating with a vertical elevated four stories. QSOs will be uploaded to Club Log and the OQRS for M0OXO.

**KC4 – Antarctica** - KJ4CHT, Dr. George Worthley, will be wintering over at the South Pole and will be QRV as KC4AAA at the Amundsen Scott South Pole Station. QSL via K7MT.

**T8 – Palau** - The Japanese team (JA3AVO, JA3HJI, JA3IVU, JH3LSS/JA1CJA and JA3ARJ) heading to the VIP Guest House, who were going to operate from January 20-27, have adjusted their trip. They are now going January 23-31. This includes T88MB, T88DN, T88ED, T88DK and T88EF respectively. [http://bccweb.bai.ne.jp/~asg99501/t8\\_2022.htm](http://bccweb.bai.ne.jp/~asg99501/t8_2022.htm)

**H44 - Solomon Islands** - DL2GMI, Michael, is in "the first steps of planning for the next visit on Solomon Islands". It's not 100% but he plans to arrive at the Motel 511 in the Malaita Islands (OC-047), Solomon Islands around April 2<sup>nd</sup> with expectations to stay 7 to 10 days. He will take an IC-7300 and IC-705 and hopefully an LDMOS amplifier. He hopes to be able to use his old H44MI callsign. Activity will be on SSB, RTTY and some CW on 80, 40, 20, 17, 15, 12 and 10 meters. He may also operate on 5 meters EME (grid locator RI01hp). For antennas he'll have a dipole for 80 and 40 meters and an HX52A beam. QSL via DL2GMI either direct or via the bureau, Club Log OQRS and LoTW.

**9U – Burundi** - IV3FSG, Elvira, and OK4WX, Vladimir, are teaming up for a Burundi 2023 DXpedition, taking place next month. Elvira will be operating 9U5R while Vladimir will be QRV as 9U4WX. They will be on CW, SSB and Digital modes on 80, 40, 20, 17, 15, 12, 10 and 6 meters from February 4 to 27. QSL 9U5R via IK2DUW and 9U4WX via IZ8CCW.

# 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](http://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.

Thanks!

| Date(s)    | Event                             | Info   |
|------------|-----------------------------------|--|
| Jan. 11    | VHF-UHF FT8 Activity              | <a href="http://www.ft8activity.eu/index.php/en">www.ft8activity.eu/index.php/en</a> |
| Jan. 14    | YB DX Contest SSB                 | <a href="https://ybdxcontest.com">https://ybdxcontest.com</a>                        |
| Jan. 14-15 | Feld Hell “Low Down” Sprint       | <a href="https://bit.ly/3eKxi2f">https://bit.ly/3eKxi2f</a>                          |
| Jan. 14-15 | North American CW QSO Party       | <a href="http://ncjweb.com/naqp">http://ncjweb.com/naqp</a>                          |
| Jan. 14-15 | UBA PSK63 Prefix Contest          | <a href="http://bit.ly/2Oi8fsa">http://bit.ly/2Oi8fsa</a>                            |
| Jan. 18    | VHF-UHF FT8 Activity              | <a href="http://www.ft8activity.eu/index.php/en">www.ft8activity.eu/index.php/en</a> |
| Jan. 21-22 | Hungarian DX Contest              | <a href="http://www.ha-dx.com/en/contest-rules">www.ha-dx.com/en/contest-rules</a>   |
| Jan. 21-22 | North American SSB QSO Party      | <a href="http://ncjweb.com/naqp">http://ncjweb.com/naqp</a>                          |
| Jan. 21-23 | ARRL January VHF Contest          | <a href="http://www.arrl.org/january-vhf">www.arrl.org/january-vhf</a>               |
| Jan. 25    | UKEICC 80 Meter Contest CW        | <a href="https://ukeicc.com/80m-rules.php">https://ukeicc.com/80m-rules.php</a>      |
| Jan. 25-26 | AWA Linc Cundall Memorial Contest | <a href="https://bit.ly/3iDUm34">https://bit.ly/3iDUm34</a>                          |
| Jan. 27-29 | CQWW 160M CW Contest              | <a href="http://cq160.com/rules.htm">http://cq160.com/rules.htm</a>                  |
| Jan. 28-29 | AWA Linc Cundall Memorial Contest | <a href="https://bit.ly/3iDUm34">https://bit.ly/3iDUm34</a>                          |
| Jan. 28-29 | BARTG RTTY Sprint                 | <a href="http://bartg.org.uk/wp/contests">http://bartg.org.uk/wp/contests</a>        |
| Jan. 28-29 | REF CW Contest                    | <a href="https://tinyurl.com/p4bbva92">https://tinyurl.com/p4bbva92</a>              |
| Jan. 28-29 | UBA SSB Contest                   | <a href="http://bit.ly/W0gZiE">http://bit.ly/W0gZiE</a>                              |
| Jan. 28-29 | Winter Field Day                  | <a href="http://www.winterfieldday.com">www.winterfieldday.com</a>                   |
| Feb. 11-12 | CQWW WPX RTTY Contest             | <a href="http://www.cqwprrty.com">www.cqwprrty.com</a>                               |
| Feb. 24-26 | CQWW 160M SSB Contest             | <a href="http://cq160.com/rules.htm">http://cq160.com/rules.htm</a>                  |

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## **ARLD001 DX news**

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

**KENYA, 5Z.** Scott, WA5A is QRV as 5Z4/WA5A and is active on 40, 20, 17, and 10 meters. QSL to home call.

**QATAR, A7.** Anton, RN1B is QRV as A75GC from Doha until the end of the month. Activity is in his spare time on the HF bands using CW and SSB. QSL direct to RW3RN.

**CHINA, BY.** Special event station BY1CRA/WRTC is QRV during the January 2023 WRTC 2023 special event.

**CAPE VERDE, D4.** Harald, DF2WO is QRV as D44TWO from Sao Tiago, IOTA AF-005, until January 21. Activity is on 160 to 6 meters using CW, SSB, FT8, and FT4, as well as on Satellite QO-100. QSL via M0OXO.

**FEDERAL REPUBLIC OF GERMANY, DA.** Special event call sign DB100RDF is QRV during all of 2023 to celebrate the 100 years of radio broadcasting in Germany. QSL via bureau.

**PHILIPPINES, DU.** Marc, ON5SM is QRV as DU9/ON5SM from Mindanao, IOTA OC-130, until January 21. Activity is on the HF bands using SSB, SSTV, and FT8. QSL to home call.

**KYRGYZSTAN, EX.** Bob, WT3A is QRV as EX0ET from Bishkek. Activity is on 20 to 10 meters. QSL direct to home call.

**FRANCE, F.** Special event station TM80NT is QRV until January 15 to commemorate the 80th anniversary of the death of inventor, engineer, and futurist Nikola Tesla. QSL via F8GGZ.

**CROZET ISLAND, FT/W.** Station FT8WW is QRV until January 26. QSL via OQRS.

**WALLIS AND FUTUNA ISLANDS, FW.** Darren, VK4MAP is QRV as FW/VK4MAP until the middle of January. Activity is holiday style on 80, 40, 20, 15, and 10 meters using SSB. QSL direct to home call.

**SCOTLAND, GM.** Special event station GB2KW is QRV until January 28 near Inverness using vintage equipment. QSL via LoTW.

SAUDI ARABIA, HZ. Samir, HZ1SK plans to be QRV as HZ1WRTC during the January 2023 WRTC 2023 special event.

NORWAY, LA. Special event station LA100K is QRV from Trondheim during all of 2023 to commemorate 100 years of the Akademisk Radioklubb, one of the oldest ham clubs in the country. QSL via bureau.

LITHUANIA, LY. Special event station LY700VLN is QRV during all of January to celebrate 700 years of the capital city of Vilnius. QSL via bureau.

BONAIRE, PJ4. Jeff, WA2BOT is QRV as PJ4/WA2BOT. He will also be active as PJ4JP during the ARRL RTTY Roundup. QSL both calls via LoTW.

SWEDEN, SM. Special event station 8S80AA is QRV during all of 2023 to celebrate the 80th anniversary of the Vasteras Radio Klubb, SK5AA. QSL direct to SM5FUG.

CONGO, TN. A group of operators are QRV as TN8K until January 21. Activity is on 160 to 6 meters using CW, SSB, RTTY, PSK, FT8, and FT4. This includes being active on Satellite QO-100. QSL via OK6DJ.

GABON, TR. Roland, F8EN is QRV as TR8CR from Libreville until March 15, 2023. Activity is on 30 to 10 meters using CW. QSL via F6AJA.

AUSTRALIA, VK. Special event station VI75G is QRV during all of 2023 to celebrate the 75th anniversary of the Geelong Amateur Radio Club. QSL via LoTW.

INDIA, VU. Special event station AT18BSG is QRV until January 15 celebrating the 18th National Jamboree of the Bharat Scouts and Guides. QSL via VU2NRO.

INDONESIA, YB. Special event station 8B0RARI is QRV during the January 2023 WRTC 2023 special event.

NEW ZEALAND, ZL. Special event station ZL6WRTC is QRV during the January 2023 WRTC 2023 special event.

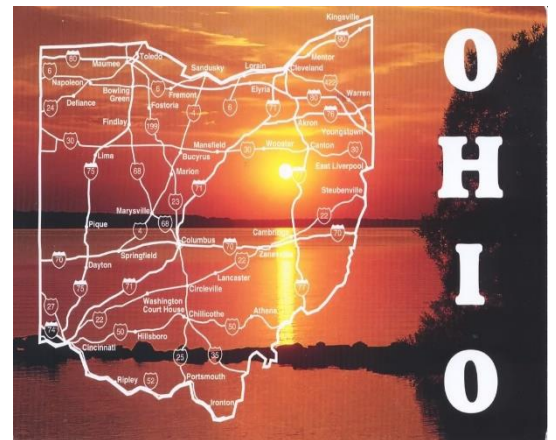
K1USN Slow Speed CW Test, 4 States QRP Group Second Sunday Sprint, ICWC Medium Speed CW Test, OK1WC CW Memorial, Worldwide Sideband Activity Contest, QRP 40-Meter CW Fox Hunt, Phone Weekly Test, A1Club AWT, CWops Test, VHF-UHF FT8 Activity Contest, Mini-Test CW 40 and Mini-Test CW 80 are all on tap from January 9 to 11.

Please see January 2023 QST, page 74, and the ARRL and WA7BNM Contest web sites for details.



## Upcoming *Hamfests*

We **DO** have some hamfests scheduled for 2022!! Yes, take a good look at the list. And YES! They are starting to book up for 2023 already!



# 2023

**01/15/2023 - [Sunday Creek Amateur Radio Federation Hamfest](#)**

**Location:** Shade, OH  
**Sponsor:** Sunday Creek Amateur Radio Federation  
**Website:** [QRZ KC8AAV](#)  
**Learn More**

**03/11/2023 - [MOVARC Hamfest](#)**

**Location:** Bidwell, OH 45614, OH  
**Sponsor:** Mid-Ohio Valley Amateur Radio Club  
**Learn More**

**03/19/2023 - [Toledo Mobile Radio Association Hamfest and Computer Fair](#)**

**Location:** Perrysburg, OH  
**Sponsor:** Toledo Mobile Radio Association  
**Website:** <http://www.tmrahamradio.org>  
**Learn More**

**04/15/2023 - [Cuyahoga Falls Amateur Radio Club Hamfest](#)**

**Location:** Cuyahoga Falls, OH  
**Sponsor:** Cuyahoga Falls Amateur Radio Club, Inc.  
**Website:** <http://www.cfarc.org>  
**Learn More**

**05/13/2023 - 05/17/2023**

**[RV Radio Network](#)**  
**Location:** Berlin, Ohio, OH  
**Type:** ARRL Operating Specialty Convention  
**Sponsor:** RV Radio Network  
**Learn More**

**07/08/2023 - [Mansfield Trunkfest 2023](#)**

**Location:** Mansfield, OH  
**Sponsor:** Intercity Amateur Radio Club  
**Website:** <http://iarc.club>  
**Learn More**

**07/08/2023 - [Mansfield Trunkfest 2023](#)**

**Location:** Mansfield, OH  
**Sponsor:** Intercity Amateur Radio Club  
**Website:** <http://iarc.club>  
**Learn More**

**07/16/2023 - [Van Wert Hamfest](#)**

**Location:** Van Wert, OH  
**Sponsor:** Van Wert Amateur Radio Club  
**Website:** <http://w8fy.org>  
**Learn More**

**08/12/2023 - [Cincinnati Hamfest<sup>SM</sup>](#)**

**Location:** Owensville , OH  
**Sponsor:** Milford ARC  
**Website:** <https://CincinnatiHamfest.org>  
**Learn More**

## 2023 Hamvention Update

With Dayton Hamvention® 2023, just over four months away, organizers earlier proclaimed "Innovation!" as the event theme. While the advanced technology encompassing amateur radio is certainly innovative, Hamvention is not just about technology; it is about involving people of all ages and segments of society.

Carole Perry WB2MGP is the director of The Radio Club of America (RCA). She states that, "We want to reward a young ham who has volunteered to help an elderly person, a military person, his or her community somehow or a young ham actively involved with recruiting other young into ham radio."

Perry said she is accepting nominations for "Young Ham Lends a Hand Contest" until April 1, 2023. The winner will receive a \$100 stipend and will be announced at the Youth Forum at Hamvention.

She requests that the following information be emailed to her at [wb2mvp@gmail.com](mailto:wb2mvp@gmail.com).

Name and call sign

Age

Address

Home number and/or cell number

Please describe the reasons why this nominee is deserving of the award.

Perry said that RCA supports youth in schools, scout groups, and museums, which incorporate technology in programs. Speakers from RCA travel nationwide speaking at conventions and youth forums to help in motivating and supporting young hams in wireless technology.

Dayton Hamvention is scheduled May 19-21, 2023, at the Greene County Fairgrounds and Exposition Center, Xenia, Ohio. Hamvention is the largest annual amateur radio gathering in the US, and among the largest in the world. With nearly 700 volunteers, 2023's event boasts more than 500 indoor exhibits and more than 2,500 outdoor exhibits. They will showcase the latest in amateur radio equipment, technology, and computer software and hardware, along with hard-to-find radio and computer accessories and equipment.

**Respectfully submitted**

**James M. Gifford**

**Media Chair**

# OHIO'S



Well the holiday's are over. Most decorations have been taken down and are now in storage. The kid's toys and other presents are now broken or on their second or third set of batteries. You are still having problems getting that new whiz bang radio set up. You've stood in line to return what you thought was going to be the best ever given, but was informed a new frying pan was not what she wanted! The New Years resolutions have already been broken and you just heard the guy on the TV giving tax saving tips. So why not take a few moments to sit down and find out what is in store for our Southern Ohio area amateur radio family? It just might give you a whole new outlook on 2023.

The **Highland ARA** got 2023 to a good start with a broadcast of a bell ringing from the local historical society. The following check ins from stations monitoring the Hillsboro and Greenfield repeaters resulted in approximately 30 stations identifying with their call signs. Not only were Highland County area stations heard, but stations from Kettering, McArthur and Albany participated.

With most club elections having taken place in December, many area clubs have already held their first business meetings of the year. The **Hocking Valley ARC**, the **Clinton County ARA** and the **West Chester ARC** already have their first meetings for the New Year under their belts.

Sunday, January 15 marks the first South 40 Region hamfest when the **Sunday Creek ARF** opens the doors to the Shade Community Center on Old Route 33 between Athens and Pomeroy. For additional details contact Jeramy Duncan, KC8QDQ, at 740-343-5976.

On January 8 a podcast produced by the **Southwestern Ohio DX Association** will debut on many of the popular podcast services. Bill Salyers, AJ8B, states the intent of the "DX Mentor" podcast is to make one a better DXer and operator regardless of their DXing level. Its goal is to feature topics and interviews of interest to the amateur community and DXers in particular. More information can be found at [dxmentor@gmail.com](mailto:dxmentor@gmail.com) or by phoning 513-855-3980.

The 14<sup>th</sup> annual 'Ohio VHF+ Test' is to take place on Saturday, January 14. This short, six hour contest has an objective to inspire amateurs to make emergency type contacts using simplex frequencies and as many UHF/VHF modes as possible. Stations may operate from a home or portable location. Additionally a growing number of stations operate as Rovers by operating from more than one county. The event provides a splendid opportunity for one to test their personal station's performance and determine what kind of range the station has when not operating through a repeater. The event has grown considerably from humble beginnings and some of the distances between reporting stations has been impressive. But the lack of reports

from Southern Ohio stations is evident. This year's event starts at 10 AM and will run until 4 PM. You can find the rules and more at [www.ohsimplex.org](http://www.ohsimplex.org).

On the morning of January 14 the **Bainbridge Area Hams** non-club group from Ross, Pike and Highland Counties will gather around 8 AM at the Dutch Restaurant near Bainbridge for their monthly gathering. Later in the morning the **Highland ARA** will kick off 2023 with the first monthly Brunch Bunch gathering. It starts at 10 AM at the Hillsboro Burger King on North High Street in Hillsboro.

The **Athens County ARA** will begin a class leading to a Technician license on January 16 at the Red Cross Building in Athens. Additional classes will be held each Monday evening through March 20 and run from 7 until 9 each week. There is no fee for the class but preregistration is requested to Jeff Slattery, N8SUZ, at 740-541-0972 or [n8suz@arrl.net](mailto:n8suz@arrl.net). An ARRL VE session will be on March 20.

The **Tri-State ARA** will meet at the Radio and Technology Museum in Huntington on January 17 at 7PM.

The **Queen City Emergency Net** will hold elections during their January 20 meeting at the Red Cross Building in Cincinnati.

On January 28 and 29 the **OH-KY-IN Radio Society** will operate from the Harvest Home Park and the **Athens County ARA** will operate from the Red Cross Building in Athens during the annual Winter Field Day. The Adams County **DeForest ARA** plans to participate in the event from a location to be determined in the coming days. The **Queen City Emergency Net** will also field a station.

As you see many clubs in the region have already met or are about to in order to plan their activities for the year. In the meantime the usual "slim pickins" of ham radio have set in for the next couple of months due to weather and other factors. So now is a great time to get on a local repeater, simplex or HF and stir up some activity. In the meantime, here's hoping everyone has a great 2023 and you enter my logbook at some time.

John Levo, W8KIW, [jlevo@cinci.rr.com](mailto:jlevo@cinci.rr.com) or [highlandara@gmail.com](mailto:highlandara@gmail.com), 937-393-4951

Ⓜ

## IS Anybody out there looking at this newsletter???

| Month        | Unique visitors | Number of visits | Pages            | Hits             | Bandwidth      |
|--------------|-----------------|------------------|------------------|------------------|----------------|
| Jan 2022     | 3,271           | 6,268            | 196,818          | 335,001          | 15.68 GB       |
| Feb 2022     | 3,163           | 5,816            | 162,305          | 494,187          | 16.39 GB       |
| Mar 2022     | 3,610           | 6,223            | 186,744          | 577,923          | 13.78 GB       |
| Apr 2022     | 3,592           | 6,517            | 297,290          | 839,640          | 720.20 GB      |
| May 2022     | 3,924           | 7,274            | 223,366          | 595,966          | 151.88 GB      |
| Jun 2022     | 3,622           | 6,357            | 203,344          | 379,953          | 62.80 GB       |
| Jul 2022     | 3,036           | 5,330            | 164,858          | 382,801          | 83.85 GB       |
| Aug 2022     | 3,288           | 5,627            | 121,358          | 286,357          | 42.50 GB       |
| Sep 2022     | 3,370           | 5,420            | 151,068          | 338,783          | 94.32 GB       |
| Oct 2022     | 3,103           | 5,433            | 127,367          | 327,613          | 137.24 GB      |
| Nov 2022     | 2,750           | 4,959            | 154,138          | 358,175          | 116.28 GB      |
| Dec 2022     | 2,263           | 4,016            | 89,379           | 233,590          | 42.01 GB       |
| <b>Total</b> | <b>38,992</b>   | <b>69,240</b>    | <b>2,078,035</b> | <b>5,149,989</b> | <b>1.46 TB</b> |

## 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](#)

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## 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 weeks Question:

**Have you been making VOTA contacts yet?**

**A) YES**

**B) NO**

From last weeks question:

**ARE YOU PLANNING TO OPERATE IN THE JANUARY 14TH ARES VHF CONTEST??** OUT OF A TOTAL OF 69 VOTES – 49% YES (34) AND 51% NO (35)

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### Ohio Section Cabinet

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

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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:

<http://arri-ohio.org/news/index.html>



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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.... [http://arri-ohio.org/club\\_news/index.html](http://arri-ohio.org/club_news/index.html)





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

We all learn and steal (I mean, share) from each other's work. So, get me your newsletter!!! Send it to: [webmaster@arri-ohio.org](mailto:webmaster@arri-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@arri-ohio.org](mailto:webmaster@arri-ohio.org) and we'll get them added to the Ohio Section Emailing list.



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



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

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

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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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