



“January 23, 2023”

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From Tad Cook – K7RA

Last week's Propagation Forecast Bulletin ARLP002 opened with "Wow!" I don't know what to say about this week, except it is beyond wow.

This actually has me thinking about Solar Cycle 19.

Lately we have seen solar flux at the same levels we saw at the peak of Solar Cycle 23. If we are about 30 months away from the peak of this Solar Cycle 25, could this get us to the 1957-59 levels last seen in Solar Cycle 19? Stories from that time tell of worldwide coverage 24x7 on 10 meter AM from low power mobile stations.

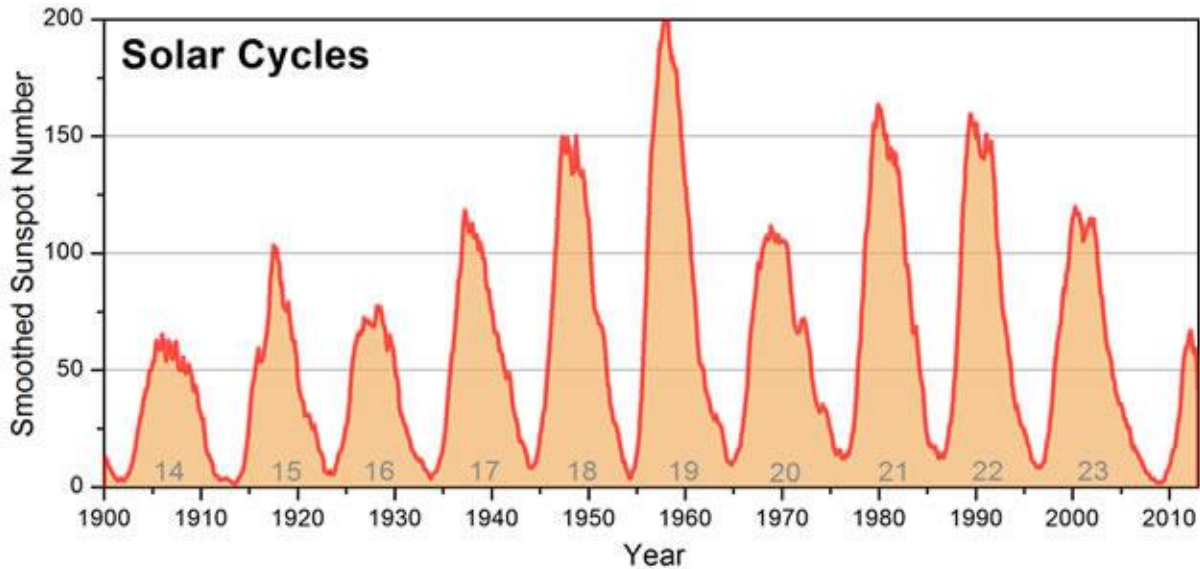
Average daily sunspot numbers rose from 135.9 to 173.4, while average solar flux went to 221.8 from 181.2. Yesterday the thrice daily solar flux reported from the Penticton, British Columbia observatory indicated rising solar flux at 224.6, 226.1 and 230.1. These are recorded at 1800, 2000 and 2200 UTC. It is the middle number, at local noon, that is recorded as the official number for the day.

From Spaceweather.com: "If sunspot production continues apace for the rest of January, the monthly sunspot number will reach a 20-year high."

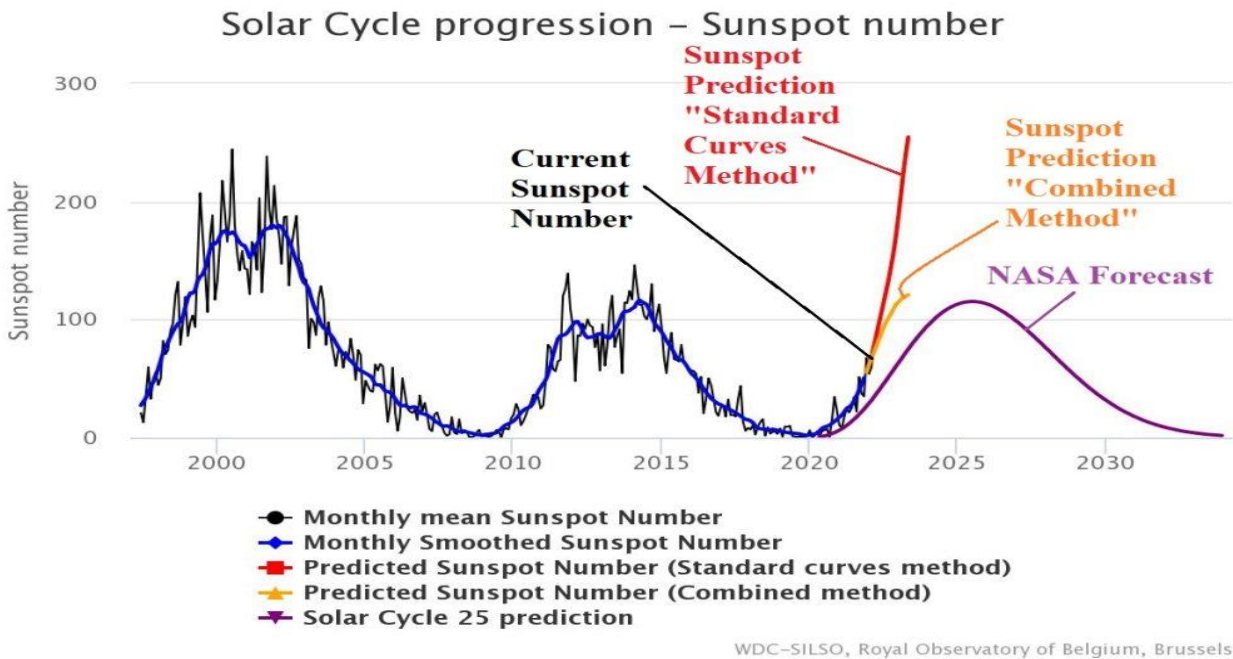
CQ CQ CQ de WB8LCD

What you read above, should be, A Call To Action!

What it *could* mean to us is that the next 4-5 years could be some of the best years EVER in the history of radio propagation. They say that “History repeats itself”, and in this instance it could be very dramatic since the history of radio barely goes back over 100 years. In the context of history, that’s not a very long time.



Solar Cycle 25 should peak somewhere around mid 2025.



If you take Tad Cook's recent sunspot number of approximately 175 and plot it on the above chart, you'll see it very close to the RED line. Only time will tell where it finishes out, but from my perspective, it's looking pretty good!

So let's get back to our "Call to Action". If we are about to enter a period of increasingly improving, and good propagation, as Ham Radio Operators shouldn't we position ourselves to take advantage of this "Historical" event? The answer is yes. The next question is "How you gonna do that?" The first, and most obvious answer to that question is: Be There! Turn the rig on and make some Q's! The corollary to this item is: if you don't have your Amateur Radio License – GET IT NOW! If you're a Technician class upgrade to General and if a General upgrade to Extra. The playground gets bigger and better equipped with every step up you take.

If you hold a Tech license, take a serious look at getting on 6 meters and 10 meters. Both have the advantage that when conditions are right – magic happens! And with higher sunspot numbers, conditions will be right quite often. Another advantage here is that antennas are much smaller than on the lower bands, so they are easier to experiment with. There are LOTS of high-performance wire antennas you can easily make and erect even on smaller lots. Orient your antennas to take advantage of their directional attributes. Get to be familiar with where and when the propagation can take you. I promise, you'll have a ball! Now, if you're really adventuresome, you do have privileges on 15, 40 and 80 meters. You'll need to develop some CW skills, but this will be the perfect time do that as the bands will be full of CW ops at all levels and speeds.

If you hold a General or higher license (Advanced or Extra) then get the tools to get on the air and try things you have never done before! (That could be CW for you guys*** too!) But I know you haven't done it all, check out some new modes, improve your station, build something, fix something, restore something. I don't care what you do – it's all going to be fun!

Now, the real kicker for us is going to be how we present our hobby to the rest of the US population who aren't hams. Two years ago, if I brought a couple of kids down to the shack, told them how easy it was to get a Tech license and they said "Show me what I can do with a Tech license", I might have been a bit embarrassed. "Look, I can take this \$35 HT and make a local repeater go "beep". Or, look at all the static I can hear if I tune this \$1000 radio from 28.3 to 28.5. Hisssss..... Pretty much the same result with the \$5000 radio, you'll want to step up to that next." The 4 – 6 years Old Sol is going to help us out! Right NOW is when we want to bring people into the hobby so they can see what the possibilities really are. Go get em.

If you're a really motivated person with a love for Ham Radio, you're probably thinking, yeah, I'll give it a try. I'll try to get someone interested in becoming a Ham! Just remember those famous words from YODA – "Do, or do not. There is no try." Make it happen.

Lots of fun stuff to do. Hamfest season has already started. The first fest in Ohio was the Sunday Creek Amateur Radio Federation Hamfest in Shade, OH on January 15th. To me, this is a great fest! Small, yes. But lots of really fine folks and some good deals on all kinds of "stuff".

Although I wasn't able to make it this year, I heard back from Jeramy Duncan – KD8QDQ That the fest was a success with over 100 in attendance. He commented that “I would like thank the ham community for supporting our little club we made enough money to keep our club in operation for another year”.

Let me point out that lots of clubs rely on their hamfest funds to do the things they do. They also point out that hamfest attendance is down. 2023 is a new year. Lets get back to doing the things we all enjoy. Hamfesting is a fantastic way to meet other hams to see what they're doing and often times pick up some really neat “stuff”. Please, support the Ohio Fests in 2023. Even if you don't need anything, just show up and be there, a part of the Amateur Radio community!

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 February 12th

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)

Dave Kalter Memorial Youth DX Adventure

**ANNOUNCING THE 2023 TRIP TO
CURACAO, July 13-18.**

Applications now being accepted.

The Caribbean Contest Consortium and Geoff Howard have once again agreed to let us use the PJ2T site for our 2023 trip. The support we give us is greatly appreciated. Especially thanks go to Uli DL8OBQ for being our on site representative. His travel and use of vacation to help the youth is noticed and allows us to make the trip. We will be once again applying for the call sign of PJ2Y.

Team applications for the 2023 trip are

[NOW being accepted, click to download the PDF form](#)

[Click to download the Word form](#)

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. 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.



Amateur Satellite FalconSAT-3 Nears Reentry

Many amateur radio operators and satellite watchers have been predicting the date and time of reentry for FalconSAT-3 (FS-3). While all reentry predictions are something of a guessing game due to the large number of variables affecting the upper atmosphere, it is certain that the end for FS-3 will be coming very soon, possibly the week of January 16 - 21, 2023.

Radio Amateur Satellite Corporation (AMSAT) Board Member and FS-3 control operator, Mark Hammond, N8MH, said he will try to have the satellite operational for its final hours. The satellite has only been available for approximately 24 hours each weekend due to weak batteries.

FalconSAT-3 was built in 2005 and 2006 by cadets and faculty in the Space Systems Research Center at the US Air Force Academy (USAFA) in Colorado Springs, Colorado. It is the fourth in a series of small satellites designed, built, and operated there as part of a capstone course, which brings together about 30 cadets each year from several different academic departments.



The FalconSAT-3 satellite. [Photo courtesy of AMSAT]

Nearly 700 cadets at the USAFA obtained their amateur radio licenses as part of training to operate FalconSAT-3 and other USAFA satellites. They have taken that knowledge, understanding, and value of amateur radio into their Air Force service and industry. Since FalconSAT-3, the USAFA Astronautics Department has built and operated one additional satellite and has two more queued for launch. The space operations curriculum and the ground station are being rebuilt and configured for these new space assets.

Since its launch on an Atlas V rocket from Cape Canaveral in March 2007, the satellite has been through three mission phases. The first phase was operation of the science payloads. The second phase was used as a tool for training cadets in the space operations squadron, students in undergraduate space training in California, and graduate students at the Air Force Institute of Technology. The satellite's third phase was an on-orbit resource for amateur radio and amateur-satellite services operation managed by AMSAT.

For amateur radio service the downlink is at 435.103 MHz transmitting 1 W into a quarter-wave whip antenna. The uplink is at 145.840 MHz and the receiving antenna



is a quarter-wave whip antenna on the opposite side of the satellite. All UHF and S-band equipment on National Telecommunications and Information Administration licensed frequencies has been disabled. The VHF receiver is very sensitive. Modulation is 9600 bps GMSK for the uplink and downlink. The broadcast call sign is PFS3-11, and the BBS callsign is PFS3-12, Unproto APRS via PFS3-1.

The core avionics were designed and built by Mark Kanawati, N4TPY, and Dino Lorenzini, KC4YMG at [SpaceQuest](#), and have performed remarkably well for nearly 16 years in orbit. Jim White, WD0E, was the lead engineer for FalconSAT-3 at the USAFA and managed the design, construction, testing, and early operations of the satellite.

The success of FalconSAT-3 is an excellent example of how amateur radio can be integrated into the curriculum of an education institution for the benefit of the students and the amateur radio service.

-- Thanks to Sasha Timokhov, VE3SVF; Jean Marc Momple, 3B8DU; Mark Hammond, N8MH; AMSAT Operations, and AMSAT News for the information contained in this story.



NASA's SpaceX Crew-6 Mission Update – A pair of news conferences on Wednesday, Jan. 25, will highlight NASA's Space X Crew-6 mission to the International Space Station in February. The mission, which is part of the Commercial Crew Program, will carry crew to the station.

Carbon-Neutral \$3M Hypercar: De Tomaso P900

By: [Bianca](#) | January 5th, 2023



Image credit: [De Tomaso/Instagram](#)

The Italian racing car-manufacturing company recently unveiled the P900 – A hypercar with 662 kW (900 HP) power output, and 900 kg (1984 lbs) weight. Only 18 units of this Italian masterpiece will be built at a price of \$3M. The impressive power comes from a 6.2L naturally aspirated V12 engine that uses synthetic fuels. Therefore, according to the company, this is the first carbon-neutral V12. The engine is expected to be fully developed by the end of 2024. The vehicle features an extreme-design full carbon fiber body and chassis and will be officially launched in the second quarter of 2023. It will be a track-only use vehicle, equipped with two seats. The exact details are, however, not available to the public and will remain a secret. In addition, there are no photos of the interior yet.

As said by the CEO of De Tomaso, Norman Choi, “*At De Tomaso, we pay an enormous amount of attention to the driving experience, in part a large majority of this complex matrix can be attributed to the sounds and vibrations, in essence, the feeling of a naturally aspirated engine firing on all cylinders*”, adding that “*This venture into synthetic fuels, represents our commitment to the pursuit of a zero-emissions mobility future without sacrificing the crucial element which we all hold so dear – the soul and symphony of an engine*”, and “*We believe that alternatives do*

exist and the development of our new platform, driven by synthetic fuels, is our solution for keeping this shared passion for the theatre of combustion engines alive”.

According to the lead designer of the vehicle, Jowyn Wong, the car is “*Aggressive by nature yet still romantic, invoking the emotions of 60s/70s Le Mans Prototypes*”.

The company was founded in 1959 and has its headquarters in Modena, Italy. The founder Alejandro De Tomaso started as a test driver in Italy, but later started his own high-performance car company. He participated in two Formula One World Championship Grand Prix.



Bianca

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@arri-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.



The Bellbrook Amateur Radio Club will be sponsoring a General License Class beginning Saturday, February 18, 2023, from 9:00 am until 12:00 pm in the Bellbrook Amateur Radio Club (BARC) Clubhouse at 51 South East Street, Bellbrook, OH 45305 (lower level). The sessions are over four Saturdays (February 18, 25, and March 4, 11) with the Exam on Wednesday evening March 15. The exam will be at the Dayton Amateur Radio Association (DARA) Clubhouse, 6619 Bellefontaine Road, Huber Heights.

The textbook will be the ARRL General Class License Manual, which is available at URL: <https://www.amazon.com/dp/1625951108> or from the American Radio Relay League.

The class and the exam are free. The application fee for the new license holder is \$35 and is payable to the FCC upon successful completion of the exam. There is no fee to upgrade an existing license. Details of the fee and how to pay are provided by the Examiners upon passing the test.

Questions? Please select the "Contact" tab at <https://bellbrookarc.org/wp/>

DARA Tech Class

The next DARA Technician License Class starts Saturday 18 Feb 2023 at 09:00 to 12:00 in the DARA Clubhouse.

The sessions are 4 Saturdays (18, 25 Feb, and 4, 11 Mar) with the Exam on Wednesday evening 15 Mar.

Here is the URL for the book <https://www.amazon.com/dp/1625951558>

The application fee for the new license holder is \$35 and is payable to the FCC upon successful completion of the exam. Details of the fee and how to pay are provided by the Examiners upon passing the test.

Please feel free to distribute widely!

Thanks for the help,

73 de N8NMG – John

QCEN and OHKYIN are teaming up to offer instruction for ham radio licenses.

Ham Radio License Instruction
For February and March 2023

What: Sessions each Monday evening from 7 to 9 p.m. starting Feb 6th
Feb 6th and 13th in person at the Red Cross building, 2111 Dana Ave., Cincinnati, OH
45207

Feb 20th and 27th on-line

March 6th in person at the Red Cross

March 13 on-line

Instruction for two license levels –for Technician (entry level) and for General (upgrade)
Materials: Course material will be from either the ARRL Ham Radio License Manual, 5th
Edition, or the ARRL General Class License Manual, 9th edition, depending on the class of
license desired.

Cost: Free, except for the book, which should be purchased by the individual student.

Sponsors: The OHKYIN Amateur Radio Society, and the Queen City Emergency Net.

Lucas County ARES

ICS-100 in-person class to be held on March 2nd from 8:30AM through 5PM with a 1 hour
lunch break. [Email](#) W8MAL to enroll.

Skywarn Training will be held on March 14th from 6pm-8pm at the Maumee Branch of the
Toledo Lucas County Public Library. More information will be posted once it becomes
available.

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.
-

How to Plan and Apply for an ARRL Hamfest or Convention

If your amateur radio club is planning to host a convention, hamfest, tailgate, or swapfest, please consider applying for ARRL sanctioned status for your event. To learn what it means to be an ARRL sanctioned event, and to get some ideas on how to prepare for and conduct a hamfest or convention, visit www.arrl.org/arrl-sanctioned-events.

To apply for ARRL sanctioned status for your event, go to www.arrl.org/hamfest-convention-application.

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

VE Sessions

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.

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

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

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, August 5
Saturday, April 1	Saturday, October 7
Saturday, June 3	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

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 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, 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 (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. 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)	Club	<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
Build or Install	<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	Build/Test/Repair
<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 Proeject or Program
<input type="checkbox"/> - Club building project	<input type="checkbox"/> - ARRL Membership	

Club Commission Program

One of the benefits of being an ARRL Affiliated Club is having access to the Club Commission Program. Affiliated clubs can use this program to receive a commission for promoting membership in ARRL. When you sign a new member, the club gets \$15, and when a member renews through the club, you get \$5.

Members can renew anytime without losing any of their membership time. Details and forms are available on the ARRL website, at www.arrl.org/affiliated-club-benefits. FAQs are also available to help explain the program. It does take some effort and a bit of paperwork, but the club reaps

the reward in cash. If your affiliated club is not participating in this program, ask them to investigate it.

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

DX This Week – CQWW – 160M

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

This week, the main topic is the CQWW 160M CW Contest. It is truly a gentleman's contest. I have participated in this contest for several years and thoroughly enjoyed each time and each QSO. There is an SSB version at the end of February. More on that in a few weeks. I have reprinted the Rules in case you are interested.



I received an email from Ernie, W8EH. Ernie is a terrific operator and a really good guy. Here is what Ernie had to say:

“Hi Bill,

I just received my Six Meter VUCC award in the mail from the ARRL. I'm at 119 grids confirmed.

I received my first 'Parks On The Air Kilo Award' for making a cumulative total of 1000 contacts from a single park, East Fork State Park. I operated portable from there on several different multi day camping trips to get 1000 contacts. On the last trip in November, I made 815 contacts on CW, Phone and digital. It was surprising that I worked quite a few DX stations with the end fed half wave wire antennas and QRP using my Icom IC-705. 14 countries and 49 states (missed Alaska) worked on the last trip. The Parks On The Air program has really increased the activity on the bands. A lot of times there are pileups with many hunters trying to break through to the park activators. It's fun being the activator and having everyone trying to get to the front of the line to work you. A few other SWODXA members are having fun getting out activating parks too.

Ernie – W8EH

Congratulations to Ernie, his hard work paid off.

I received cards this week from BG9NJY – Yinchuan City, China, FR8UA – Phil on Reunion Island, and XE1RK – Rafael in Mexico. What did you get this week?



Keep me informed of new equipment or new countries you have worked, or achievements you have earned.

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Press Release

SWODXA DX DINNER® ANNOUNCEMENT

January 13th, 2023
AJ8B => Bill Salyers
SouthWest Ohio DX Association

FOR IMMEDIATE RELEASE:

The SouthWest Ohio DX Association (SWODXA) is pleased to announce that we will again sponsor the DX Dinner, held in conjunction with the 2023 Dayton Hamvention®. This, our 38th annual dinner, will be Friday, May 19th, 2023, at the **University of Dayton Marriott, 1414 S. Patterson Blvd., Dayton, OH 45409.**

We will have another fantastic array of great prizes at the Dinner and the Forum on Saturday!

There will be a cash bar starting at 5:30 p.m., with dinner served at 7:00. Following the event, there will be a separate room and cash bar available for more fellowship. This is an excellent opportunity to meet new hams and to renew old acquaintances as well as to learn about past DXpeditions and those in the planning stages.

The Marriott is very accommodating to a group our size. The dining room is very large and located on the ground floor so there are no steps and there is ample **free**, on-site parking.

This dinner is always well attended by some of the most avid DXers in the world. Previous dinners had over 400 attendees! As in the past, there will be some major door prizes, and there is always great anticipation as to who will be named the “DXpedition of the Year®” as well as who will be inducted in to the CQ DX Hall of Fame.

The keynote speaker will be Adrian Ciuperca, KO8SCA.

Tickets can be purchased on the SWODXA Events website at www.swodxaevents.org/purchase-tickets/ Program details and a list of the prizes will be on the website as they become available, and updates will be sent out regularly via Twitter. Follow us on Twitter - @SWODXA

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The 2023 CQ World Wide 160-Meter Contest
CW: 2200Z January 27 to 2200Z January 29

I. OBJECTIVE:

For amateurs around the world to contact other amateurs in as many U.S. states, Canadian provinces, and countries as possible utilizing the 160 meter band.

II. BAND USE:

1810–2000 kHz in ITU Region 1. 1800–2000 kHz in ITU Regions 2 and 3. All entrants are encouraged to spread out as much as possible, obeying frequency restrictions and power limits for their own country. Any violations of the ITU band use may result in disqualification.

Please be aware and considerate of other users of data modes such as FT8 in the contest band segments.

III. CATEGORIES:

For Single Operator Assisted Only: The use of one and only one remote receiver located within 100 kilometers of the main transmitter site is permitted, in addition to the receiver at the transmitter site. WebSDRs are OK but must be located within the 100-KM limit. The rule is designed to accommodate new technology, and for those who experience high noise levels at the transmitting site. Anyone found using a remote receiver outside the limit will be subject to disqualification.

For all categories: The main site is defined as all transmitters, receivers, and antennas must be located on the same contiguous property. If the property is not contiguous, then all equipment must fall within a 1500-meter radius. All antennas must be connected by wires to the main station. This rule applies to all entrants.

There is only ONE CQ Running frequency allowed for each station. “Flip Flopping” between 2 frequencies during the same time period (thus taking up 2 frequencies) is unsportsmanlike and will result in disqualification.

The use of any so-called “Chat Rooms” via the internet or similar means for communication between stations or operators during the contest period is strictly prohibited. Do not arrange or confirm QSOs by any other means than the use of the 160-meter band and the same mode as used in the contest. Any such use may result in disqualification at the discretion of the committee. The use of self-spotting is not allowed in any category.

Remote operation for UNASSISTED entries is permitted under the following conditions:

The use of any receiver located away from the main site is strictly prohibited.

The use of a separate receiver at the remote-control operator location is strictly prohibited.

Any receiver not physically located at the main TX site is strictly prohibited. This includes receivers linked via the Internet or RF that are not located at the main TX site.

If the remotely operated station is located in another DXCC entity, it is required to comply with all local country regulations.

Operating time: Each contest is 48 hours long and starts at 2200Z. Single operator stations may only operate 30 out of the 48 hours. Multi-Operator stations may operate 40 hours. Off times must be a minimum of 30 minutes in length for all categories.

(A) Single Operator: One person performs all of the operating, logging, and spotting functions. Maximum operating time is 30 hours. QSO finding assistance is NOT allowed* (See definition below). Only one transmitted signal is allowed at any moment in time. Maximum power is 1500 watts total output.

(B) Single Operator/Low Power: Same as (A) with the exception that the output power shall not exceed 100 watts. Stations in this category compete with other Low Power stations only.

(C) QRP: Same as (A) with the exception that the output power shall not exceed 5 watts. Stations in this category compete with other QRP stations only. Note: All QRP stations may use QSO finding assistance.

(D) Single Operator Assisted/High Power: Same as (A) with the following exceptions: The use of QSO finding assistance IS allowed. The use of one and only one remote receiver within 100 kilometers of the transmitter site is allowed.

(E) Single Operator Assisted/Low Power: Same as (D) with the following exceptions: Output power shall not exceed 100 watts.

(F) Multi-Operator: HIGH POWER ONLY. All rules apply as in Single Op Assisted (except remote receivers ARE NOT allowed); however, more than one operator (person) is involved in the operation. Maximum operating time is 40 hours. Only one transmitted signal is allowed at any moment in time. Maximum power is 1500 watts.

*QSO FINDING ASSISTANCE: The use of any technology or other source that provides call sign or multiplier identification of a signal to the operator. This includes, but is not limited to, use of a CW decoder, DX cluster, DX spotting web sites (e.g., DX Summit), local or remote call sign and frequency decoding technology (e.g., CW Skimmer or Reverse Beacon Network), or operating arrangements involving other individuals.

IV. EXCHANGE:

RS(T) and state for U.S., province for Canada, and CQ Zone for DX. Note: Zones are location indicators only and do not count for multipliers.

V. MULTIPLIER:

U.S. States: (48 contiguous states); U.S. District of Columbia (DC) (1)

Canadian Provinces: (14) VO1, VO2, NB, NS, PEI (VY2), VE2, VE3, VE4, VE5, VE6, VE7, VE8 (NWT), VY1 (YUK), VY0. Note VO1 and VO2 are separate due to tradition.

DXCC plus WAE countries: WAE: GM/Shetland (Shetland Islands), IG9/IH9 (African Italy – Lampedusa and Pantelleria Islands), IT, JW (Bear Island), TA1 (European Turkey), 4U1VIC (Vienna International Center), Z6 (Kosovo).

VI. POINTS:

Contacts with stations in own country: 2 points.

Contacts with other countries on same continent: 5 points.

Contacts with other continents: 10 points

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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:

Be prepared for a chance of 6 meter trans-Atlantic F2 propagation this week by W3LPL, Frank Donovan

The solar flux index was 245 on Sunday, high enough that there's a possibility of 6 meter trans-Atlantic F2 propagation, most likely from January 16 to 23. The next chance will be in November. If it does occur, expect a great deal of 6 meter European SSB, CW and FT8 activity from shortly after sunrise to about noon in North America.

www.spaceweather.gc.ca/forecast-prevision/solar-solaire/solarflux/sx-4-en.php

Many hams reminisce about the solar cycle 19 solar maximum from 1956 to 1958. But solar cycle 23 solar maximum from October 2000 to February 2002 produced many times more 6 meter trans-Atlantic QSOs than all prior solar cycles combined. For example: K1HTV worked nearly 1100 trans-Atlantic F2 QSOs on SSB and CW from October 2000 to February 2002 but only half that many from 1981 to 2000.

See this January 12th article from the Washington Post
<https://wapo.st/3Wd76RV>

3Y/B - Bouvet Island - Members of the 3Y0J DXpedition team got underway yesterday as they departed Stanley, Falkland Islands yesterday around 1815Z. The Marama is now on its way to South Georgia. You can follow their progress at
<https://share.garmin.com/3y0j>

5Z – Kenya - M0LEP, Rick, is now in Langata (grid locator KI88jp), a suburb of the capital city Nairobi, until January 30. He'll be operating holiday style "as time and other activities permit" as 5Z4/M0LEP. He's running 100 watts from a Yaesu FT450-AT using a portable hexbeam at 7 meters above the ground. Activity will be on CW and SSB on 20 through 6 meters, "as conditions permit". QSOs will be uploaded to Club Log, LoTW and eQSL. QSL via M0LEP.

LU#Z – Antarctica - LU8DBS, Juan, is now QRV from the Argentine Esperanza Antarctica Base located at Hope Bay, Trinity Peninsula, Graham Land on the Antarctic Peninsula. Juan is currently working at the LRA36 Radio Nacional Arcangel San Gabriel SW BC station during

Antarctic Summer. This is Antarctica's only shortwave radio station. He can be found on SSB on 40, 20 and 10 meters and soon on FT8 and CW. He has a Kenwood TS-50 and Rhombic Antenna. He will be there until February. QSL via LU4DXU.

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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.

Thanks!

Date(s)	Event	Info
Jan. 25	UKEICC 80 Meter Contest CW	https://ukeicc.com/80m-rules.php
Jan. 25-26	AWA Linc Cundall Memorial Contest	https://bit.ly/3iDUm34
Jan. 27-29	CQWW 160M CW Contest	http://cq160.com/rules.htm
Jan. 28-29	AWA Linc Cundall Memorial Contest	https://bit.ly/3iDUm34
Jan. 28-29	BARTG RTTY Sprint	http://bartg.org.uk/wp/contests
Jan. 28-29	REF CW Contest	https://tinyurl.com/p4bbva92
Jan. 28-29	UBA SSB Contest	http://bit.ly/W0gZiE
Jan. 28-29	Winter Field Day	www.winterfieldday.com
Feb. 1	UKEICC 80m Contests SSB	https://ukeicc.com/80m-rules.php
Feb. 1	VHF-UHF FT8 Activity	www.ft8activity.eu/index.php/en
Feb. 4	AGCW Straight Key Party	www.agcw.de/contest/http/http-en
Feb. 4	FYBO Winter QRP Sprint	https://qrper.com/tag/fybo
Feb. 4	Minnesota QSO Party	www.w0aa.org/mn-qso-party
Feb. 4-5	10-10 Int'l Winter Contest	http://bit.ly/1FrFeBc
Feb. 4-5	British Columbia QSO Party	www.orcadxcc.org/bcqp_rules.html

Feb. 4-5	European Union DX Contest	https://eudxcc.altervista.org/eu-dx-contest
Feb. 4-5	Mexico RTTY International Contest	www.rtty.fmre.mx/index.html
Feb. 4-5	North American CW Sprint	http://ncjweb.com/north-american-sprint
Feb. 4-5	Vermont QSO Party	www.ranv.org/ranv.html
Feb. 6	RSGB 80m Club Championship, SSB	http://bit.ly/3TxCrxl
Feb. 8	VHF-UHF FT8 Activity	www.ft8activity.eu/index.php/en
Feb.11	FISTS Winter Saturday Sprint	www.fistsna.org/operating.html
Feb. 11	Asia-Pacific Spring Sprint (CW)	http://jsfc.org/apsprint
Feb. 11	RSGB 1st 1.8 MHZ Contest CW	http://bit.ly/3TxCrxl
Feb. 11-12	CQWW RTTY WPX Contest	www.cqwxprtty.com
Feb. 11-12	Dutch PACC Contest	http://pacc.veron.nl
Feb. 11-12	KCJ Topband Contest	www.kcj-cw.com/e_index.htm
Feb. 11-12	OMISS QSO Party	www.omiss.net/Facelift/qsoparty.php
Feb. 11-12	SARL Field Day Contest	http://bit.ly/H0lqQf
Feb. 11-13	YL OM Contest	https://ylrl.org/wp/yl-om-contest
Feb. 12	CQC Winter QSO Party	http://bit.ly/2Qayte1
Feb. 13-17	ARRL School Club Roundup	www.arrl.org/school-club-roundup
Feb. 14	PODXS 070 Club Valentine Sprint	http://bit.ly/2Rp8LTK
Feb. 15	AGCW Semi-Automatic Key Evening	www.agcw.de/contest/sta
Feb. 15	RSGB 80m Club Championship, DATA	http://bit.ly/3TxCrxl
Feb. 15	VHF-UHF FT8 Activity	www.ft8activity.eu/index.php/en
Feb. 18-19	ARRL CW DX Contest	www.arrl.org/arrl-dx
Feb. 19	FISTS Winter Sunday Sprint	www.fistsna.org/operating.html
Feb. 22	UKEICC 80m Contests CW	https://ukeicc.com/80m-rules.php
Feb. 23	RSGB 80m Club Championship, CW	http://bit.ly/3TxCrxl
Feb. 24-26	CQWW 160M SSB Contest	www.cq160.com/rules.htm
Feb. 25-26	Hiroshima Worked All Squares	www.hs-contest.org
Feb. 25-26	REF SSB Contest	https://tinyurl.com/p4bbva92
Feb. 25-26	South Carolina QSO Party	http://scqso.com
Feb. 25-26	UBA CW DX Contest	http://bit.ly/W0gZiE
Feb. 25-26	North American RTTY QSO Party	http://ncjweb.com/naqp
Feb. 26	High Speed Club CW Contest	www.highspeedclub.org
Feb. 26-27	North Carolina QSO Party	http://ncqsoparty.org/rules
Feb. 27	RSGB FT4 Contest Series	http://bit.ly/3TxCrxl

ARLD003 DX news

This week's bulletin was made possible with information provided by JI3DST, LU7AA, The Daily DX, 425 DX News, DXNL, Contest Corral from QST and the ARRL Contest Calendar and WA7BNM web sites. Thanks to all.

TANZANIA, 5H. Ferdy, HB9DSP will be QRV as 5H3FM from Zanzibar Island, IOTA AF-032, from January 21 to 31. Activity will be on 20, 15, and 10 meters using SSB and FT8. QSL to home call.

THE GAMBIA, C5. Andre, ON7YK is QRV as C5YK from Bijilo until February 24. Activity is on 20 to 10 meters using all modes. QSL direct to home call.

EASTER ISLAND, CE0. Mario is QRV as CE3WB/CE0 from Isla de Pascua until the end of January. Activity is holiday style on 40, 20, 15, and 10 meters using SSB. QSL to home call.

WALLIS AND FUTUNA ISLANDS, FW. Jean-Gabriel, F4CIX, is QRV as FW1JG and expects to be here until January 2024. He is active on 40 to 6 meters using SSB and FT8. QSL via LoTW.

ITALY, I. Operators S50O, S50X, S51V, S52OT, S54W, S56N, S57DX and S59A will be QRV as IG9/home calls from Lampedusa Island, IOTA AF-019, from January 23 to 31. Activity will be on all bands and modes. They plan to be QRV as IG9/S59A in the upcoming CQ World Wide 160 CW contest. QSL IG9/S59A via S59A, and all others via operators' instructions.

JAPAN, JA. Take, JI3DST will be QRV as JI3DST/6, JS6RRR, JJ5RBH/6, and JR8YLY/6 from Miyako Island, IOTA AS-079, from January 24 to March 7. Activity will be on 160 to 6 meters using CW, SSB, RTTY, FM, and FT8. When using FT8, the numeric suffix will be replaced with the letter /P. This includes being active as JS6RRR in the upcoming CQ World Wide 160 Meter CW contest. QSL to home call.

GUAM, KH2. Henry, N7JVJ is QRV as N7JVJ from Hagatna until April 28. Activity is on 40 to 10 meters using SSB and FT8 with QRP power. QSL via operator's instructions.

ARGENTINA, LU. Members of AMSAT Argentina will be QRV as LU7AA from January 21 to 29 to commemorate the 33rd anniversary of the launch of Satellite LO-19. Activity will be on the HF, and V/UHF bands using CW, SSB, SSTV, and FT8, and FM/SSB on various Satellites. QSL via LU7AA.

PAPUA NEW GUINEA, P2. David, VK4FABN is QRV as P29DT from Tabubil in the Star Mounts in the North Fly District of the Western Province. Activity is holiday style on 40, 20, 15, and 10 meters using CW and SSB. QSL via LoTW.

POLAND, SP. Special event station HF7SIEMA is QRV until February 5 recognizing a nationwide Polish charity event. QSL via operators' instructions.

PALAU, T8. Operators JH3LSS, JA3HJI, JA3IVU, JA3ARJ and JA3AVO are QRV as T88DK, T88DN, T88ED, T88EF, and T88MB from Koror Island, IOTA OC-009, until January 27. Activity is on 160 to 10 meters using CW, SSB, FT8, and FT4. QSL to home calls.

TURKEY, TA. Special event stations TC100TC, TC100TA, TC100TR, and TC100YEAR are QRV during all of 2023 to celebrate the centenary of the Turkish Republic. QSL via bureau.

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.

EL SALVADOR, YS. Roberto, I2JIN is QRV as YS3CW from Corinto, Morazan until January 29. Activity is on 80 to 10 meters using CW and FT8. QSL direct to home call.

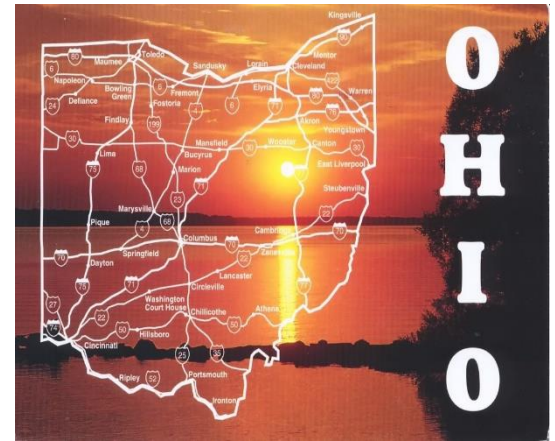
The K1USN Slow Speed CW Test, ICWC Medium Speed CW Test, OK1WC CW Memorial, Worldwide Sideband Activity Contest, SKCC CW Sprint, QRP 40-Meter CW Fox Hunt, Phone Weekly Test, A1Club AWT, CWops Test, Mini-Test 40, Mini-Test 80, UKEICC 80-Meter CW Contest and Australia Day Contest are on tap for January 23 to 26.

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 2023!! Yes, take a good look at the list. And YES! They are starting to book up for 2023 already!





<p>03/11/2023 - MOVARC Hamfest Location: Bidwell, OH 45614, OH Sponsor: Mid-Ohio Valley Amateur Radio Club Learn More</p>	<p>03/12/2023 - Winter Hamfest Location: Elyria, OH Sponsor: Northern Ohio Amateur Radio Society Website: http://winterhamfest@noars.net Learn More</p>
<p>03/19/2023 - Toledo Mobile Radio Association Hamfest Location: Perrysburg, OH Sponsor: Toledo Mobile Radio Association Website: http://www.tmrahmradio.org Learn More</p>	<p>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</p>
<p>04/22/2023 - Tusco Amateur Radio Club Hamfest, Electronics, and Computer Show Location: Dover, OH Sponsor: Tusco Amateur Radio Club W8ZX Website: http://www.w8zx.net Learn More</p>	<p>05/07/2023 - Lucas County Amateur Radio Emergency Service Trunk Sale and Swap Meet Location: Toledo, OH Sponsor: Lucas County Amateur Radio EmergencyService Website: http://swap.lucasares.org Learn More</p>

<p>05/13/2023 - 05/17/2023 RV Radio Network Location: Berlin, Ohio, OH Type: ARRL Operating Specialty Convention Sponsor: RV Radio Network Learn More</p>	<p>05/19/2023 - 05/21/2023 Dayton Hamvention Location: Xenia, OH Sponsor: Dayton Amateur Radio Association Website: http://Hamvention.org Learn More</p>
<p>05/27/2023 - Scioto Valley Amateur Radio Club Hamfest Location: Picketon, OH Sponsor: Scioto Valley Amateur Radio Club Learn More</p>	<p>07/08/2023 - Mansfield Trunkfest 2023 Location: Mansfield, OH Sponsor: Intercity Amateur Radio Club Website: http://iarc.club Learn More</p>
<p>07/16/2023 - Van Wert Hamfest Location: Van Wert, OH Sponsor: Van Wert Amateur Radio Club Website: http://w8fy.org Learn More</p>	<p>08/12/2023 - Cincinnati Hamfest Location: Owensville , OH Sponsor: Milford ARC Website: https://CincinnatiHamfest.org Learn More</p>
<p>08/20/2023 - WARA Tailgate Swap Meet Location: Cortland, OH Sponsor: Warren Amateur Radio Association Website: http://w8vtd.org Learn More</p>	

TUSCO AMATEUR RADIO CLUB'S 2023 HAMFEST, COMPUTER & ELECTRONICS SHOW

Saturday April 22, 2023

Tuscarawas County Fairgrounds

259 S. Tuscarawas Ave, Dover, OH 44622 *Enter through Tusc. Ave. gate*

Talk/Check In: W8ZX on 146.730 PL: 71.9 (Disabled during Hamfest)

Main Door Prize: Yaesu FT-891 All Mode HF + 50MHz Transceiver

Includes RT Systems ADMS-891-USB Programming Kit



Admission: \$5.00 Donation at the door

Presale: One admission ticket @ \$5 + extra prize tickets as you wish @ \$4 for one, \$6 for two, or \$10 for three, or multiples thereof. Any request received after April 1, 2023 will be held for pick up at the door. Winners MUST be present for door prizes; main prize can be sent.

Tables: \$10.00 Plus Admission

Open: 6:00 am for set-up, 8:00 am to 1:00 pm for public

FREE close parking available



DEALERS WELCOME!

Door Prizes

****120 Volt power available (Please bring your own extension cords)****

A SELF ADDRESSED, STAMPED ENVELOPE MUST BE RECEIVED BY APRIL 1, 2023 TO ENSURE THE RETURN OF A RESERVATION CONFIRMATION. RESERVATIONS MUST BE PAID IN ADVANCE!

Check out our web page! www.w8zx.net

Find our group on Facebook!

For additional information and / or to reserve tables please contact:

Rick Dingman KE8URA 330-934-0575 or Cindy Gray KE8JNN 330-340-4946

Or Email: w8zx@n8bag.net

Mailing address for presale reservations: Rick Dingman KE8URA 303 N. 5th St. Dennison, OH 44621

OHIO'S



Just when our Division manager announces the cancellation of two hamfests in the Division, we learn of the great attendance and vendor support shown the recent **Sunday Creek ARF's** hamfest at Shade. Thanks to those who submitted reports and sent comments about the first hamfest for the year in the South 40 Region. Jesse Stanley, KC8CHP, of the **Scioto Valley ARC** reported over 50 vendor tables were filled with radios and other electronic goodies to the extent more tables had to be set up. Other reports indicate (besides the increase in vendors) the door count was way up too. It's good to know the SCARF hamfest is making a comeback and perhaps is a promising sign of the return of some other enjoyable regional hamfests. A write up and videos of the day can be found on the SCARF QRZ page at KC8AAV. (Photo thanks to Jesse Stanley)

On the 14th the annual 'Ohio VHF+ Test' occurred. Following a stop at the **Highland ARA's** Brunch Bunch gathering in Hillsboro I hit the road to take part in the event in the Rover category. Following contacts in Highland, Brown, Warren and Clinton Counties my observation was that participation was down from previous years. Some other stations were heard commenting about the lack of activity in Southwestern Ohio.

Perhaps it was the cold weather or people out gathering supplies for watching the upcoming Sunday game between the Bengals and Ravens? However there was a positive side to the venture. I made contact with a new ham in the area who was looking for an active club to become involved with.

As mentioned, the **Highland ARA** held their first Brunch Bunch gathering on the 14th with around a dozen members in attendance. "Bainbridge Doug" Broyles, KE8ORQ, reported the **Bainbridge Area Ham** group met earlier in the morning for their first gathering of the New Year. Although a couple of the regulars were absent, there still was a good showing. The **Fayette ARA** held their breakfast gathering this past Saturday morning at the Tim Horton's in Washington CH. The **Clinton County ARA** will observe their monthly Last Saturday breakfast on the 28th at Sam's Meats in Wilmington.

We want to start the New Year on the right foot by welcoming some new hams to the fold. Ted Jacobson, W8KVK, informs us that Ross and Meigs Counties now have new Technicians. One is Andrew Ellis from Kingston who now sports KE8WHV. The other is Austin McKibben from Racine who is now KE8WHA. Via an email we learn that Hillsboro's Matthew McCutcheon traveled to a test session in Circleville and is now awaiting his call sign. Congratulations to each and we hope to hear you on the air in the coming days.

This past week the **Athens County ARA** began a Technician License class at the Red Cross Building in Athens. If you missed that first session it's not too late as classes will be held each Monday evening through March 20. They run from 7 until 9 each week. There is no fee for the class but please contact Jeff Slattery, N8SUZ, at 740-541-0972 or n8suz@arrl.net first. An ARRL VE session will be on March 20.

In order for more members of the **Queen City Emergency Net** to participate in the Winter Field Day, the Club voted to change the date of their January Annual Meeting and hold it just prior to the start of the WFD event on January 28. The meeting starts at 12:30 PM at the Red Cross Building in Cincinnati. A ZOOM session is available for those who can't attend. The election of the Club officers for 2023 is on the agenda.

Most amateurs are aware of June's ARRL sponsored Field Day that draws thousands of amateurs to the airwaves. It is an exercise aimed at improving our emergency preparedness knowledge under less than ideal conditions. But we all know emergencies and disasters don't happen in June or on just the sunny, dry and warm days of Spring, Summer and Fall. Therefore a Winter Field Day Association was established to conduct a training event to prepare hams for those not so pleasant weather days when our services may be needed. This year the event will happen on January 28 and 29. To date we have learned the **OH-KY-IN Radio Society** will operate from Cincinnati's Harvest Home Park. Down in Huntington the **Tri-State ARA** will use the club station at the Radio Museum and in Athens the **Athens County ARA** will operate from the Athens County Red Cross Building. The Adams County **DeForest ARA** and **Queen City Emergency Net** will also field stations.

When John Young, K8BA, needed to downsize his ham radio inventory he wanted it to go to a new ham or someone with limited resources wanting to put a signal on the air. Not knowing who to contact, he got in touch with Bill Sayers, AJ8B, of the **Southwestern Ohio DX Association** to determine if he knew of an individual or club that could assist with getting items to those who could use and appreciate the items. Bill knew the **Highland ARA** is known in the region for its active program helping estates and others dispose of ham and test equipment and helping find equipment for new and deserving hams. Bill contacted HARA officials and served as the middleman for the donation to happen. The goodies were picked up this past week and should be in the hands of deserving hams in the coming months. Don't you love it when a wish and a plan comes together!



What sounds to be an interesting net to take a listen to is the Tuesday evening ‘Cincinnati Liars Net’. Let me explain that it is not what it appears to or could be. In fact this **West Chester ARA** net takes its name from historical records that state that when the Bethany Voice of America transmitters signed on during World War II Hitler referred to the powerful Bethany station as ‘those Cincinnati liars’. Thus the net’s name honors the service the Voice of America played during the war. The net is at 8 PM on 3.835, + or – QRM.

The **Queen City Emergency Net** and the **OH-KY-IN ARS** are teaming up to sponsor a ham radio class beginning on Monday, February 6 and will run each week through March 13. Of the six classes three are in person sessions and three will be on-line sessions. The in person sessions will occur at the Greater Cincinnati Red Cross Building on Dana Avenue. Instruction will cover entry level licenses as well as upgrades to General. With the exception of the appropriate *ARRL License Manuals*, the class is free. For more information check out www.hamtutor@ohkyin.org.

Thanks to Ralph Howes, W8BVH, for letting us know the **Lancaster Fairfield County ARA** has recently placed a GMRS repeater on the air. It has an input frequency of 467.70 with a 462.70 transmit frequency and requires a 77 hz tone to activate. It’s northern Lancaster location provides handheld coverage to most of Fairfield County. It is open to anyone with a GMRS license who will abide by the FCC regulations.

Former **Highland ARA** President Lee Bishop, N8YHU, and I had an enjoyable lunch this past week with **Southwest Ohio DX Association** President and *Ohio Section Journal* DX columnist Bill Salyers, AJ8B. Over chicken and noodle hotshots Bill told us the launch of the new SWODXA ‘DX Mentor’ podcast had a great start with around 200 signing in for its initial program featuring well-known DXers K0MD and AA7A in addition to Oxford’s *60 Meter DX* newsletter editor Joe Pater, W8GEX. Bill announced that for those who do not use any of the popular podcast services, the broadcast is now available on YouTube. The objective of the program is to make one a better DXer and operator regardless of their DXing level and experience. It intends to feature topics and interviews of interest to the entire amateur community and DXers in particular. Upcoming podcast subjects will cover an impressive range of items. A list of upcoming topics to be covered can be found on his www.aj8b.com website. One catching my attention is geared towards how to successfully market your local club. More information can be found at dxmentor@gmail.com or by phoning 513-855-3980.

Three Southern Ohio clubs have announced their first test sessions for the New Year. The **Scioto Valley ARA** will conduct a test session on Saturday, February 18 according to SVARA VE Team Leader John Harmus II, WB8GRX. Pre-registration is requested for the session that will begin at the Ross County Service Center in Chillicothe at 9 AM. The **Highland ARA** will hold a session on March 18 at the Highland County EMA Office in Hillsboro. Pre-registration is requested, but walk-ins will be accepted if space is available. On March 20 the **Athens County ARA** will hold a session following the conclusion of their license class at the Red Cross Building. The **Milford ARC** holds a test session on the third Thursday of each month at the

Miami Township Civic Center. Testing is held prior to the Club's business meeting and starts at 6 PM. The Portsmouth RC also conducts a test session prior to its monthly business meeting. The test session and meeting take place on the first Monday of each month at the Portsmouth American Legion Post. Contact Jerry Lockhart, W8HIC, at w8hic@arrl.net for the details.

Tickets to the annual **Southwest DX Association's** 38th annual DX dinner are now on sale. It will be held during Hamvention® on Friday, May 19 at the Dayton Marriott. Things start with a cash bar starting at 5:30 PM and dinner at 7. This year's keynote speaker will be Adrian Ciuperca, KO8SCA. Check out the www.swodxaevents.org website for more information.

A **Highland ARA** member was having a problem remembering his call sign along with the appropriate phonetics when he was mobile. He hit up a solution to solve both by having the call sign applied to the air scoop on the hood of his truck. Neat idea.



Thanks to Lyn Alfman, N8IMW, and her **Cambridge ARC** newsletter (the *CARA Communicator*) for advising us of January 1 changes to the Canadian RAC Field Organization. Those changes added a new section and renamed and realigned some others. Therefore those who participate in some of the major ARRL and other events using the Canadian sections as multipliers will need to update their software logging or contest programs.

I hope that you read in last week's OSJ Postscript that our ARRL Great Lakes Division Assistant Manager Scott Yonally, N8SY, was honored for his service to the entire Ohio amateur radio community with the receipt of the "Allan Severson, AB8P, Memorial Award". I agree with our Section Manager Tom Sly in that I can't think of a better person to receive this honor. However I also am constantly reminded by my XYL, N8ZNR, that "behind each man is a woman pushing him along!" But I degress. I first met Scott some years ago when he was the Ohio Section Manager. He had learned of my weekly *Monday Morning Memo* newsletter that was distributed to hams throughtout the Southern Ohio region. Because it covered ham radio activities in an area that was often ignored, he asked if he could use the information in his weekly Postscript. An "OK" was given, the column title changed to *Ohio's South 40* and as said, "the rest is history". Again, a well deserved 'atta a boy" to Scott and his sidekick Janie.



Closing up the column this week is the current sign at the DQ near our Hillsboro QTH.

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 weeks Question:

Have you made hotel reservations for Hamvention yet?

- A) YES
- B) NO



From last weeks question:

When you travel, do you ever visit the local club meetings?? OUT OF A TOTAL OF 69 VOTES – 26% YES (18) AND 74% NO (51)

The BIG RED ARROW will be back on the page this week and next for your entry in the Handbook Giveaway – you can't win it if you don't enter! I still don't have a response from the winner of last month's handbook! If you use the email address 4bz@att.net send me an email so I can get it out to you! If I don't hear by next weeks PostScript I'll consider it not claimed.

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://ar1-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

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://arri-ohio.org/news/>

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