



“July 4th, 2022”



The Marquis de Lafayette

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CQ CQ CQ de WB8LCD

I want to wish you all a Happy Fourth of July! I know that most of you expect some sort of image of fireworks. The “bombs bursting in air” kind of thing. The National Anthem. That anthem was written as a description from the War of 1812 and a navel battle at Fort McHenry. The failed bombardment of Fort McHenry forced the British to abandon their land assault on the crucial port city of Baltimore. This British defeat was a turning point in the War of 1812, leading both sides to reach a peace agreement later that year.

The fourth of July is a celebration of our independence from Great Britain after the Revolutionary War. Lafayette was only 19 years old and without combat experience when he arrived in America. Defying the explicit orders of King Louis XVI, who did not wish to provoke Great Britain, the marquis eluded authorities and crossed the Atlantic Ocean to assist the rebellious Americans in 1777. Although still a teenager who spoke little English and lacked any battle experience, Lafayette convinced the Continental Army to commission him a major general on July 31, 1777.

The portrait of Lafayette above was painted by Samuel F.B. Morse. Yes, *that* Samuel Morse you all know and love. I’m not going to tell you the whole story here (and I’m not going to tell you to be careful with fireworks and not blow off a finger either!), but the Revolutionary War, Marquis de Lafayette and Samuel F.B. Morse all come together in a pretty interesting story which results in the Morse Code! It would be worth your time to read up on it. You might want to view [The Entire History of Morse Code According to WB9LBI](#) for the whole story at:

<https://youtu.be/rklfT2A3F4M>

I want to remind you again about the Ohio Section Youth Net. The next net takes place on Sunday July 10th at 7:30 PM. Agnes, AD8IR, will be our net control

operator. If you know any young hams in the Ohio Section, please invite them to check into the net. With Echo-Link the repeater is accessible from anywhere in the Section!



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.

Field day 2022 is now behind us. I hope you had a chance to get out and get on the air! Now is the time to think about your experience, maybe even take some notes before the memory escapes you. What did you like best about your FD operation? What did you like the least about it? What worked good for you and what didn't? Who did you work with that seemed to have a solid knowledge about what they were doing? What equipment worked and what didn't do so well? What frequencies worked best in which directions and at what times? What mistakes do you definitely not want to make in future years? Field Day has a tradition of being an "Emergency Operations Exercise". The whole purpose of an exercise is to get better. Consider answering these questions (and feel free to add in some of your own) as your own After-Action Report. It's only by looking at what you did and making necessary adjustments in the future that you'll be able to improve your capabilities for the future.

Once again, I visited as many Field Day Sites as I could work into the schedule and drove a little over 600 miles. Everywhere I went I found interesting people doing fantastic things with Amateur Radio. We received tons of positive press in local media, and I'm sure that the citizens of Ohio are a lot more aware of Ham Radio now than they had been in the recent past. That is a huge gain for all of Amateur Radio!

Enjoy your long weekend! 73,

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

National News

(from ARRL and other sources)

From the Section Youth Coordinator
Anthony Luscre, K8ZT - SYC
k8zt@arrl.net

Youth On The Air (YOTA) 2022 Cincinnati Summer Youth Campers

Presentation

In June a group of Ham Radio Youth attended the 2022 Youth On The Air (YOTA) camp in Cincinnati (West Chester) at the National Voice of America Museum. Under the coordination of Neil Rapp WB9VPG, 21 licensed youth campers and 12 adult volunteers in addition to staff spent June 12-17 learning and doing more with Amateur Radio. I am going to leave the rest of the story to Neil and five of YOTA Campers- Abbi Kimi- KK7CFJ, Anderson- K4RAY, Grace-, KE8RJU, Kaleigh- KI7TXN & Katie- KE8LQR (our OH section Assistant Youth Coordinator). They did a live presentation on June 29th and you can watch the recording here- <https://youtu.be/-cy3zBKwGpo>







Youth on the Air

Neil Rapp, WB9VPG Camp Director 21-22

2022 Campers:

- Abbi Kimi, KK7CFJ
- Anderson, K4RAY
- Grace, KE8RJU
- Kaleigh, KI7TXN
- Katie, KE8LQR



 Play (k) Youth on the Air



Just Launched! Microwave-Sized Satellite to Test Unique Orbit Around the Moon

CAPSTONE, NASA's new pathfinder CubeSat, is on its way to the Moon.

CAPSTONE, or the Cislunar Autonomous Positioning System Technology Operations and Navigation Experiment, launched Tuesday at 5:55 a.m. EDT (09:55 UTC) on Rocket Lab's Electron rocket from the Rocket Lab Launch Complex 1 on the Mahia Peninsula of New Zealand.

Watch the launch recap here:



Now on the first leg of its journey, the microwave oven-sized spacecraft will be the first to explore a [unique path](#) around the Moon, where the pull of gravity from Earth and the Moon interact to allow for a nearly-stable orbit.

CAPSTONE's test of this special orbit will [blaze a path for Gateway](#), our future lunar space station. This Moon-orbiting spacecraft will be built by NASA and its commercial and international partners to one day serve as a staging area for missions to the Moon and potentially as a jumping point for missions farther into space.

Want to follow CAPSTONE's journey? Starting about a week after launch, you can virtually ride along with the CubeSat and map its progress live using NASA's [Eyes on the Solar System](#) interactive 3D data visualization. Look for updates about when you can catch CAPSTONE in the visualization on NASA's Ames Research Center's [home page](#), as well as [Twitter](#) and [Facebook](#).

[Learn More About CAPSTONE](#)

The ARRL Teachers Institute Program is growing! We have scheduled a fall 2022 session. Spread the word and let teachers and schools know about this opportunity! This session will be held October 24-28, 2022 at ARRL HQ in Newington, CT <http://ow.ly/jME350HMHNk> This program provides teachers with tools and strategies to introduce basic electronics, the science of radio, space technology and satellite communications, weather science, and microcontrollers to their students. To Qualify: Must be an active teacher at an elementary, middle, high school or at a community college or university, or in a leadership or enrichment

instruction role in a homeschooling or after-school program. The grant to attend a TI covers transportation, hotel, a modest per diem for meals, instructional resources for electronics kits, and microcontrollers. \$100 enrollment fee. If not elected for this years' program, it will be refunded Our goal for the TI-1 and TI-2 programs is to equip each teacher with the necessary foundational knowledge through hands-on learning and demonstrations to inspire teachers to continue exploring wireless technology and adapting relevant content into their classroom instruction.



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 sent 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.

2022 Pro Football Hall of Fame Enshrinement Festival - Parade Ham Radio Volunteers

Greetings radio operators!

It's time for me to ask you if you will be assisting with the 2022 Pro Football Hall of Fame Enshrinement Festival Community Parade on July 24th or the Canton Repository Grand Parade on August 6th. These events are the largest amateur radio public service event in Stark County each year!

For the Grand Parade, we will need about 35 operators along the parade route, and in the staging & de-marshaling areas. If you haven't worked it before, the parade route is Cleveland Ave, starting at 6th St S and running to about 25th St N. A radio operator, and usually 2 marshals are located in each of the blocks along the route. All you will need is a pair of khaki pants/shorts/capris, and a 2 meter HT. Training will be provided at one of 2 training sessions that will be held at the Sippo Lake library branch this summer (date to be announced later, usually a Tuesday and Thursday evening). Until then, you can view a generalized list of duties & responsibilities on the website below.

The Community Parade is a bit smaller, requiring around 15 operators, and runs south along Market Ave from around the Civic Center at 10th St N to 3rd St S.

I have made it to a few of the local radio club meetings in the past 2 weeks, and plan on attending more in coming weeks. Last year, I setup a new website, as well as a groups.io email list to make communication for both parades easier.

You can find the new website, including all of the information (including sign-up forms and contact information) for both parades at <https://hofhams.info>

This year for the Grand Parade, we are also looking for parade marshals to assist. If you have a friend, family member, or other non-licensed person that wants to work the same block/area as you; please have them get in touch (you can forward this email if you prefer), and I will forward it over to the appropriate person on the Grand Parade Committee.

If your schedule is open in late July/early August and you are willing to assist this year with either parade, please head over to the website, and click on the green sign-up button(s).

If you're interested in attending or volunteering for any of the other Festival events (non ham radio), you can see the schedule at <https://www.profootballhoffestival.com/schedule> or sign-up at <https://www.profootballhoffestival.com/volunteers>

By volunteering, you will become one of over 5,000 volunteers that assist through 28 different committees needed to run the 2 week long festival, which places the focus of the football world on Canton, Ohio. You don't need to be a football fan, you just need to be willing to give of your time, talents, and resources. If you are age 21 or older, you will also receive a ticket to the annual volunteer appreciation party!

Thanks & 73,

Justin K. Corner
W8JKC / WQKU709
P.O. Box 122
N. Industry, OH 44707-0122
(330) 879-8552
(330 87 W8JKC on your telephone's keypad)

W8D Field Day 2022

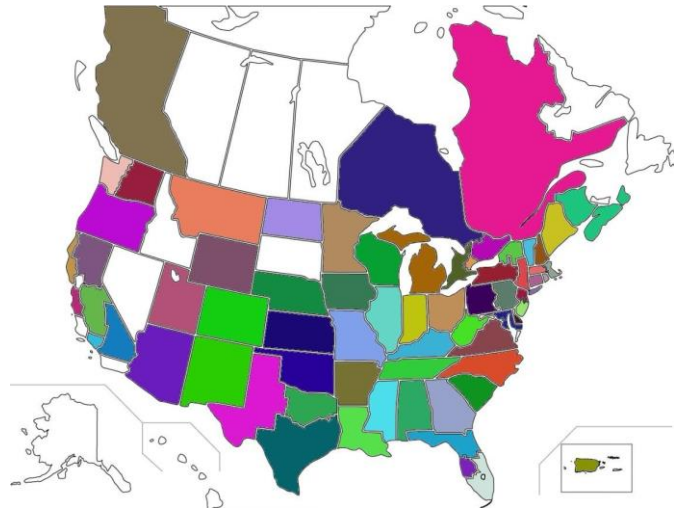
Some in the Park, Some in the ARC

June 30, 2022

Authors: N4HAI, N8QL, K8MEJ

While the Delaware (Ohio) Amateur Radio Association (DELARA) sponsors a great Field Day, some members decided to go out on their own for 2022. The club places at or near the top of 4F (or 4A in years past) operating as K8ES, and everyone has a great time. Of course, the K8ES

folks have their share of CW, digital, and phone ops who operate the entire 24 hour period. DELARA members take advantage of the Red Cross ARC air conditioning and have access to a kitchen, GOTA room, break room, and permanent antennas that provide coverage from 160m all the way up to the 2.4 GHz MESH network. The shack is a great reason to join the club - folks can walk in any time to use the equipment, or remote in to it. DELARA is a GREAT club.



Who needs Air Conditioning (AC) or power (AC)! Rather than going to the EOC operate 4F/OH, K8MEJ, N8QL, and N4HAI decided to go back to the woods. We got permission from the township to use a park that the club perviously operated from before setting up at the Red Cross. Mind you.. this was a park, not a campsite with electric or any other service. Was it close to home? Yes. Could we have left camp to get additional supplies? Or to take a shower? Yes. But we didn't. We wanted to do Field Day in the field! Full disclosure: we ordered pizza on Friday night with instructions: "drive to the back of the park and look for a camper". Yes, she got a nice tip!

Ops

Our operation was simple: two radios, three "core" operators, three antennas. A couple years ago, K8MEJ and N4HAI invested in Low Band Systems filters and triplexers - we did pretty well in a couple Ohio QSO Party contests and a couple Field Days. We realized that Ed's DXCommander, the LBS filters, and the triplexers did the job quite nicely! We used the band filters all the time, even if we weren't sharing an antenna. We had no QRM between stations using the filters... something that a lot of FD operations have dealt with in the past. We had a couple guest ops show up to operate W8D and one who operated, but then used his own gear the antennas we set up - it was interesting to hear QRM because he didn't go through a filter. We all learned something that day!

The following operators worked at least one QSO running as W8D during FD2022: N4HAI, N8QL, K8MEJ, K8MP, KD8YGZ, W8OGF, W8MDC, KE8TTJ, AD8FY. KE8TTJ ran some 1A while on site, too.

Equipment

We learned that having good equipment makes Field Day more enjoyable. Do you need fancy radios and filters? No. But it gave us a QRM free weekend (for the most part)

- N3FJP logging software (running on MacBook Pros!)
- Network: Starlink providing local WiFi and 100Mbps internet

- Elecraft K3 / P3 pandapter / MFJ 949E tuner
- Icom IC 7300 (with built-in pandapter and tuner)
- Low Band Systems 80/40/20 Triplexer with matching filters
- Low Band Systems 20/15/10 Triplexer with matching filters
- SuperAntenna Beam (20-6m, but only on 20)
- DXCommander Vertical (80 inverted L, 40, 20)
- EFHW (80-10)



Power

As for power.. we were in a park, and wanted to operate 2A, which requires emergency power. We used Ed's 2kW solar / 15kWh battery system in his camper. We got occasional breaks relaxing in the AC inside the camper, but we also ran the radios from AC power supplies fed from the battery system. We couldn't hook up to commercial power, yet we were able to store food in the refrigerator in the camper!

Accommodations

The three ops who were on site the entire weekend stayed in a camper and in tents. Looking back on it, so little time was spent in the tent, maybe it wasn't worth setting it up.



LoTW

We uploaded our scores to LoTW and are pretty happy that so many stations QSL'd. More QSLs are bound to arrive after this article is published!

Your Logbook WAS Account (W8D FD 2022)

Account Status

WAS Award	New LoTW QSLs	LoTW QSLs in Process	WAS Credits Awarded	Total
Mixed	34	0	0	34
80M	9	0	0	9
40M	24	0	0	24
20M	21	0	0	21
CW	28	0	0	28
Phone	17	0	0	17
80M Phone	6	0	0	6
80M CW	4	0	0	4
40M Phone	9	0	0	9
40M CW	21	0	0	21
20M Phone	9	0	0	9
20M CW	16	0	0	16
Triple Play	45	0	0	45
5-Band	54	0	0	54

Score Summary

Here are some stats:

- CW QSOs: 368
- PH QSOs: 269
- Extra points: other than digital submission and operating in a public place... ZERO. We didn't even copy the ARRL message!

Mistakes

We made some mistakes.

- GOTA: We assumed that we didn't need a GOTA station. We were wrong. Not only did we have lots of folks asking questions from the walking path, we had at least a half dozen guest operators show up because they saw our announcement on the ARRL Field Day Locator.
- Equipment - have a backup - even if it's the HF rig in your car.
- Check band conditions and QSY

- Make sure everyone knows how to use logging software. N3FJP was AWESOME, but configuring the app on site wasn't as easy as it was in the shack! Yes, we'll use N3FJP again
- Do not use a 1x1 call. There were too many AGN? responses
- Test everything before FD; we had some AC power supply issues
- Have more lighting at night
- Do we really need to set up tents?
- Have backup radios ready to go (not that it was an issue this time)

Next Field Day

There are some things we will do during FD2023

- Copy the ARRL message
- Operate from a park or campground
- Experiment with antennas
- Test real time / on line scoring before the event
- Monitor the repeater and 146.52
- Print some QSL cards with a picture of the actual site to give out
- Have a safety officer / photographer
- Share a spreadsheet on line with checklists

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.

Hello All,

I am looking for volunteers to work the Pan Ohio Hope Ride. This is a 4-day 328-mile bicycle ride from Cleveland to Cincinnati on July 21-24. I'm looking for people willing to drive along with the ride as SAG (support and gear) drivers. Ideally volunteers should have either a pickup truck or a vehicle with a bike rack and space to transport riders. Volunteers are strongly encouraged to sign up for all 4 days. All meals and lodging will be covered. Fuel can be reimbursed after the event. If you are unable to sign up for all 4 days, you are still welcome to come and help as much as you can. Net control each day will be run out of the Dayton Amateur Radio Association truck which will travel along with the event. We will primarily use UHF simplex and 700/800 MHz MARCS radios that will be signed out to volunteers each day. We strongly suggest each SAG vehicle have a driver and a co-pilot to help with navigation.

If this sounds like something you are interested in, please click the link below. If you have any questions or difficulties with signing up, please contact me at info@n8esg.org Please pass this notice along to all your various ARES and other amateur radio groups.

TO SIGN UP PLEASE VISIT THIS LINK [POHR SAG REGISTRATION](#)

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.

Go Fully Electronic in 2022!

By Maria Somma, AB1FM, ARRL VEC Manager

Online Examinations and Remote Testing



Your club's VE team can become part of the fun and excitement of remotely administered Online Examinations.

The remote exam sessions are conducted using an online video conferencing platform and a web-based examination system with on-screen tests. ARRL VE teams have had the option to be completely electronic since June 2020 by using online exams. The online exams can also be utilized at in-person sessions automating most of the process, for a fully electronic in-person session experience.

VE teams have been using the [Exam.Tools](#) Online Examination system for remote video and in-person sessions. Over 25,000 applicants have been tested through the Online Examinations system in the past two years. The system works well for online or printed examinations and includes registering and tracking candidates throughout the session, on screen exams and grading, online signing of CSCE and 605 forms by the candidate and examiners, logging and compiling session stats and VE participation list (test report summary), and output files for upload to the coordinating VEC. The program manages and handles almost everything needed to conduct a test session. Time and experience with in-person exam sessions is invaluable when transitioning to remote video-supervised online exam sessions.

Interested ARRL VE teams must contact the [VEC department](#) to receive the online exams instructions and remote video session procedures.

Not a VE? Become one today!

Visit <http://www.arrl.org/become-an-arrl-ve>

Electronically File Exam Session Documents for Quicker Service

After the session has concluded, VE teams can upload in-person documents or remote video session files via ARRL VEC's secure web page (program service option since 2018).

New and upgraded licenses are issued within 1 to 2 business days for weekend sessions and are usually issued on the same day for weekday sessions.

Please contact the [VEC department](#) for the information and instructions on electronically filing exam session documents through our upload page. Authorized VEs will be sent the upload page URL which, is hidden from the public.

Resources for ARRL VEs

The [ARRL VEC VE Resources](#) page offers the information you will need to help conduct exam session business. Our support page offers easy access to session forms and information, online examinations, remote video session instructions, VE Manual

supplemental information, FCC rules, basic qualification question procedures, and much more. There is also some helpful information for the community, such as preparation resources for candidates, in-person and remote video exam session search, vanity call sign information, and more.

The ARRL VE Newsletter relays important updates relating to FCC rule or policy changes, exam session document or procedural changes, video sessions, and other topics. VEs can sign up for the newsletter at <https://reflector.arrl.org/mailman/listinfo/ve-list>

Alliance Radio Club Raffle

Each year since 2020, the Alliance Amateur Radio Club in alliance, OH has raffled off a HF Rig. With each year, the interest grows. A portion of the money raised goes back into the Alliance area in the form of donations to local service groups at Christmas Time.

In 2021, moneys from our raffle combined with proceeds from the fundraiser at our Annual meeting allowed us to donate over \$1000 to Charities in the Alliance Ohio area.

This year, we've chosen as our raffle item, an Icom IC-7300 HF + 6M Radio.

The winning ticket will be drawn on July 13th. The winner need not be present to win. You can learn more, and purchase tickets at <https://www.w8lky.org/about-us/2022-fundraiser/>. Questions can be directed to <mailto:fundraiser@w8lky.org>



HARA

HARA's Field Day Report:

Well the 2022 ARRL Field Day now belongs to the ages. And although HARA ran into some stumbling blocks, they all were beyond human control. So let's get the negatives out of the way and then lean more into the positives.

Weather—It was good. It was bad. Only the guy upstairs can control it. It would have been an ideal weekend if it were not for the heat that we feel kept some of our members away. There was a light rain overnight on Saturday, but things dried quickly. Even tho it was hot during the day, the mostly constant breeze at the farm did not make it overly repressive. But some folks were dragging by the time 2 pm rolled around on Sunday.

Band Conditions—Again, something only the guy upstairs has control over. Needless to say, the solar activity was not the best and our contact count shows it.

COVID—Again this thing does not seem to want to go away. Combined with the heat, members with health concerns wisely did not join with us in the fun, but missed a lot.

Thank goodness there are way more positives to the weekend than there were negatives. Although some unexpected snags will always pop up, co-chairs Richie and Tom, along with President Pat, did good pre-event job planning. Most important, no one got hurt and everyone seemed to enjoy themselves. If someone didn't enjoy themselves, they hide it well.

A BIG Honor! What was to become HARA participated in Field Day several years before becoming a formal organization. Except for a handful of years, Highland County area hams have participated in the event and set up stations for 50 to 60 years. During this time, no elected ARRL official has ever visited our Field Day site. But this year that changed. Ohio Section Manager Tom Sly left his Kent, Ohio home early on Saturday morning with the intent of starting his traditional Field Day Road Trip with the 2022 Hamvention Club of the Year. Besides meeting many of the HARA members who were present, Tom made the first official HARA Field Day Contact. We really appreciate what he did and the effort he made to attend.

Attendance—Although last year's report has not been checked, we think about the same number of people attended as last, although some familiar faces were missing because of illness, weather, family celebrations and other happenings. Roy, Doug Mc and Pat camped over the weekend and Blake brought a blanket this year and pitched his tent. I'm not certain, but Anthony might have even stayed overnight.

Visitors—Besides the visit from Tom Sly, we were honored to have District EC Director Steve Lewis from Cincinnati drop by. Dave Vest, K8DV, came up from Goshen and spent the evening with us. A couple other folks interested in amateur radio also stopped by, were welcomed by the group and had demonstrations of what we are all about.

Operating—HARA operated five stations using emergency power from batteries and/or generators. The FT-450 donated to HARA by Joe Pater, W8GEX, was used for the first time and worked like a charm. Two other Club owned radios were on the air. Nate provided a rig as did Richie and Pat. Bainbridge Doug brought his satellite equipment but was unable to make a successful contact. According to Tom, Jr. 352 contacts were made during the weekend. Pat believes this is down considerably from past years due to band conditions. 70 ARRL/CRRL sections were contacted. Thirteen different operators signed into the logging program. They were WB8LCD, W8NIA, KD8LDS, KE8JEL, N8BAP, W8REH, KD8VUY, N8CUB, KE8DUV, WD8ADU, KE8PAQ, KE8JEM and W8SKJ. Several others were present, but did

not log any contacts. However special recognition goes to KE8ORQ who tried his best for a satellite contact.

Food—What more can I say that if anyone went hungry during the weekend, it was their own fault. Joe started the event off with donuts on Saturday morning. Kathy served up hotdogs at Noon and who can forget the banquet laid out for the Saturday evening picnic! The tables overflowed. Mickey, Doug Mc and Tom, Jr. did their usual fantastic 5 Star job with the brisket and ribs and the other food that members brought in was also 5 Star. On Sunday morning, Pat and Jill provided a rib sticking breakfast for the early risers. Then at the Noon hour the left overs from the picnic were brought out for those whose breakfast had worn off. HARA members have a well-deserved reputation for liking to eat. And with the cooking talents within the Club of members and spouses who like to cook, why shouldn't those be shared? Roy's homemade rhubarb wine was tried by several and received highly positive reviews.

DX Engineering—Dave Vest, K8DV, who is the area's representative for DX Engineering, brought some company caps that were awarded to individuals who got on the air and made contacts. He requested a group photo be taken that he will forward to the company. Who can tell, the photo could appear in one of their future ads. John Sebert, N9LBW, also provided some Rural King caps to be awarded to those who participated. Thanks to each for the donations.

Elmering—One of the major take a ways of Field Day is the opportunity to learn or try something new. This year at least two individuals were able to get questions answered about issues they were having with rigs and antennas. One issue appears to be a bad piece of coax and the other a setting in the rig's menu. Sam's FT8 station caught a lot of attention.

A big THANK YOU to those who donated items, equipment and cash to make the weekend great. Some donations were made by members unable to attend but wishing to support the activity in some way. Kathy is still accepting such donations as well as dues renewals. Besides those furnishing food items, thanks go to Sam for two chests of ice, Dave Gunderman and Ken Lightner for bottled water and to Lee and John for gasoline. A pat on the back goes to Bob McFarland for great looking the signs. And to Doug Mc for his use of a drone to take photos and sharing them with us. We won't embarrass him about forgetting to put an SD card in the drone the first day. See, Murphy's Law doesn't apply only to ham radio!

ARRL invites you to be part of "[Club Station](#)," the newest column in *QST*. This column, written by clubs, for clubs, is a designated space to share specific and practical ideas about what has contributed to successful clubs to help others grow and thrive.

In each issue, a different club will share how they undertook a specific activity or project, how and why it was successful, and any challenges they may have had to overcome throughout the

process. Some examples include successful community club projects, creative ways to attract new members, or getting youth involved with ham radio. Additionally, many clubs across the country are being creative in meeting the challenges of COVID-19 to figure out how to keep club members active and enthusiastic.

If your club has developed a creative way to get around common challenges, we want to hear from you! In order to help you tell your story, we have published a new version of the ARRL Author's Guide that is geared toward "Club Station," and includes a [club profile form](#). Both of these documents can be found [here](#). You don't have to have writing experience to be published in *QST*, and if your submission is accepted, our editorial staff will work with you to get your story ready for publication.

All ARRL Affiliated Clubs are welcome to participate. If you have any questions, contact us at clubs@arrl.org.

We look forward to hearing from you and hearing your story!

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

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 following dates: Saturday, June 4, August 6, October 1, and December 3.

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

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

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

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 – Gray Line and DXCC LOTW

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



I hope you are enjoying your summertime. The bands are making it tough to get excited. HOWEVER, the evenings have proven to be fruitful for working good DX. 9X2AW and Z21RU have been workable on 30 and 40. As always, you must be in front of the radio to work them! Sounds obvious, but much of the good DX you will work is often found by listening around and not just where the spots are. As a rule of thumb...do not forget the gray line!

Speaking of which, we are going to discuss that today. We also have part 2 of the DXCC submission article by Dave, K8DV.

I have been Blessed to have mentors like K8DV, K4ZLE, NR8Z, W8KJ, and W8GEX. How did I meet these guys and learn from them? I joined a DX club. I know that I have been a pest at times asking them questions like How do you work split? What is a pilot station? I can't get a QSL or LoTW submission from this guy, what can I do? Now that so many clubs are going virtual, and with solar activity increasing, now is a great time to join a club. You can attend meetings, ask questions, learn from programs, and make friends from the comfort of your shack. Not the same as being at the meeting, but better than being on an island.

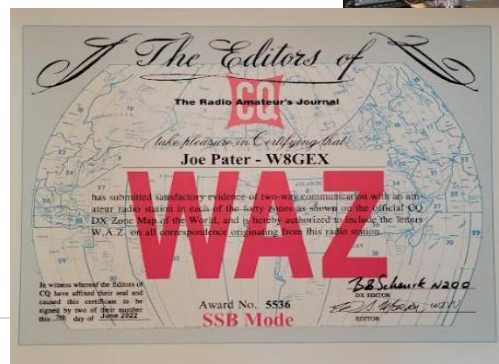
Drop me a note and let me know what you think. What questions do you have? How can I help? (AJ8B@arrl.net)

DAH DIT DIT DIT DAH DAH DIT DIT DIT DAH

W8GEX Does it again!

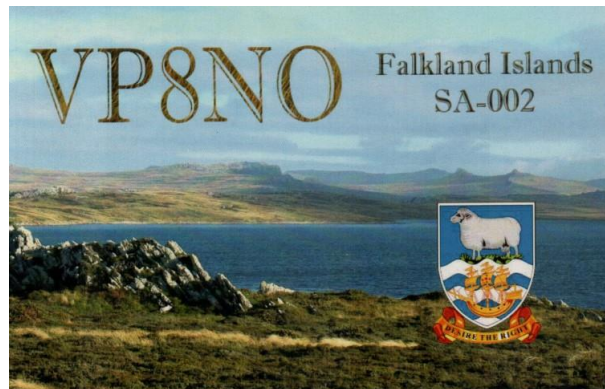
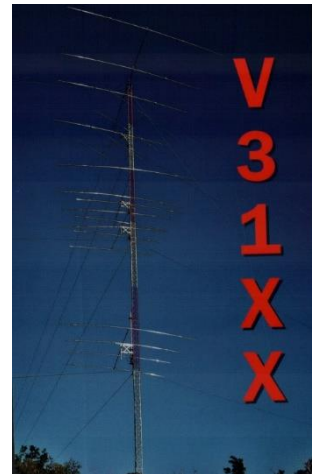
W8GEX, Joe, achieved another honor when he completed his quest for WAZ—SSB. Joe recently completed 10 Band DXCC, 10 Band WAS, and Honor Roll.

Congrats Joe on a great accomplishment



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I received several nice cards this week including HD8MD – Rick on the Galapagos Islands, 7Q7CT – Vasco in Malawi, V31XX – Bill in Belize, and VP8NO – Michael in the Falkland Islands. Let me know what you received.



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The Grey Line by Jay, K4ZLE.

This week we will review The Long Gray Line, otherwise known as the twilight zone or the terminator. Contrary to first impressions we will not be talking about the long line of West Point alumni, Rod Serling's old TV program or a movie by Arnold Swarzenegger. Our gray line is the band of transition from daylight to dark on one side of the earth and from dark to daylight on the other. Gray line conditions exist for 30 minutes each side of local sunrise and sunset and act as a conduit for radio signal propagation for frequencies below VHF. That gives us two hours per day for gray line communications. It is especially effective for work on 160, 80, and

40-meter DX. With the sunspots down and winter upon us, evening DX is most effective on these lower frequency bands.

In a column this short we do not have time to fully develop *why* gray line works. We will spend our time on *how* to predict coverage area. However, for those technically inclined, the short answer for why is that the D layer is absent in the twilight zone. The D layer absorbs MF/HF signals and is fading rapidly for the area in dusk and not yet formed for the area in dawn.

For gray line work we should orient our antenna to radiate north south. Depending upon the date and whether it is sunrise or sunset, the actual gray line follows a path 23 degrees east or west of north, or 23 degrees east or west of south. The twilight zone extends completely around the earth and signals can travel in either direction. Unless you have a highly directional antenna, do not worry that there is a 46-degree wide path. The half power beamwidth for a 1/2 wave dipole is 78 degrees¹ and a vertical radiates equally poorly in all directions. If you have a rotatable antenna, aim it according to the discussion below. Be sure to check both north and south paths to determine which has the strongest signal.

In order to determine which countries, lie on the gray line for a given date, we can use the following sunrise table:

Month/D ay	Angle	Month/Day	Angle
Jan 1, Dec 12	23 E	Apr 5, Sep 8	5 W
Jan 21, Nov 22	20 E	Apr 19, Aug 25	10 W
Feb 8, Nov 3	15 E	May 5, Aug 9	15 W
Feb 23, Oct 20	10 E	May 26, Jul 19	20 W
Mar 8, Oct 6	5 E	Jn 21	23 W

The table has been abridged in the name of space. For a given date extrapolate between the ones shown in the table.

Let us work through an example. For illustrative purposes we will assume it is Jan 10th and our location is Cincinnati, OH. From the chart above, we find the angle to be 21- or 22- degrees E. If you extend a great circle line starting at an angle of 22 degrees E you will find it passes through the following countries: Southern Greenland, W. European Russia, W. Kazakhstan, Uzbekistan, Turkmenistan, Afghanistan, Pakistan, Laccadives, Chagos, Easter Is. and Central America. That takes care of sunrise, how about sunset? For sunset swing the same number of degrees depicted in the chart, but to the other side of north. In the Jan 10th example, we swing 22 degrees *west* of north to circumscribe our circle (360 - 22 = 338). Such a line passes through the following countries: W. Asiatic Russia, Korea, Taiwan, Spratley, E. Malaysia, Brunei, and Indonesia.

Notice for dates near March 23rd and September 23rd, otherwise known as the equinox, the sunrise and sunset gray line paths are near identical since the angle is zero degrees.

Countries on a north-south path from Cincinnati are Central Russia, Mongolia, Myanmar (Burma), Andaman, Cocos (Keeling), Cocos, San Felix, Juan Fernandez, and Peter I.

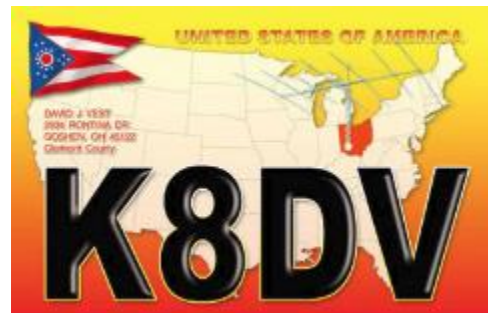
To determine sunrise or sunset on the PacketCluster use the command SH/SUN without a qualifier for local sunrise and sunset. Add the prefix for the desired country to find out sunrise and sunset times at a remote location; for example, SH/SUN VQ9 returns the times for the Chagos. If you suspect a given country is on today's gray line, you can check it on PacketCluster™ by first finding out your sunrise/sunset times and then finding the same for the country in question. If two of the times are within half hour of each other, a gray line path exists. Computer programs exist that do gray line calculations and provide visual presentations of the path for any day, sunrise, and sunset. Look for ads in the various ham journals.

Gray line is easy and gray line is fun. It is possible to work very exotic DX at reasonable times of the day. Just make sure your low band dipole is oriented for a north-south path and be on the air a half hour each side of sunrise or sunset. Then Listen, Listen, Listen. You will be surprised what you can hear AND work.

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DXCC Card Checking de Dave, K8DV

In the last issue I gave a very high-level view of DXCC and card checking. This week we can start to break down the process piece by piece. I am going to start with Online Electronic DXCC Application,



<http://www.arrl.org/online-dxcc-application> which has to be one of the best things the ARRL and DXCC Desk have done since the creation of the program back in the thirties. No more worrying about the order of the cards, no more do multiple QSO cards go at the front or back of the list, just

enter as you receive new QSLs in whatever order.

When you use the link above you will be taken to a page that looks something like this:

From there click on “ARRL DXCC online application system” and you will end up at the sign in screen.



Once at the sign in screen, in the upper right-hand corner you will see two boxes, labeled “Username” and “Password”. These are the same credentials that you would use to log into the

ARRL members section of the ARRL homepage. This is most likely your “Callsign” and a password that you created.

Once you have entered your login information you should see a page where the top of it looks something like the image above.



On this page you will also find the step-by-step instructions, so I will not include those here. The next step is to start entering QSL/QSO information. Start by clicking on “Enter QSLs” in the gray menu bar. You will end up on a page and down at the bottom you should see an entry screen.

Complete all of the fields below to add or edit QSL card information in your account. All fields must be completed.

Call Sign	QSO Date (dd-mm-yyyy)			Band	Mode	DXCC Entity	
<input type="text"/>	Select	Select	Select	Select	Select	Select	Save

You are now ready to enter QSL/QSO information. When entering your data use the drop downs, you may find that the DXCC Entity may be filled out for you or give you a choice of several entities, such as when you enter a callsign starting with VP8 you will have several choices and you should select the entity that is printed on the card itself. Once you start entering QSO/QSL information you will see the list appear below the entry screen.

Complete all of the fields below to add or edit QSL card information in your account. All fields must be completed.

Call Sign	QSO Date (dd-mm-yyyy)			Band	Mode	DXCC Entity	
<input type="text"/>	Select	Select	Select	Select	Select	Select	Save

The 1 QSLs in your Online DXCC account are shown below. More recently entered QSLs are listed towards the top.

[View All My QSLs](#) (as a PDF document)

Click the *View All My QSLs* button above for a PDF listing of your QSLs in the order they must be placed for submittal.

Call Sign	QSO Date (yyyy-mm-dd)	Band	Mode	DXCC Entity	
AJ8B	2017-12-01	80	CW	UNITED STATES OF AMERICA	Edit Delete

1 of 1

Show 35 QSLs at a time.

After you have entered all your data and have all your cards in the same order at which they are entered you will need to click the "Submit Application" button in the gray toolbar at the top of the screen. At this point you can enter your payment info and other information. Once you do this you will see a button to review application this will bring up a PDF of your application, print all pages of this as this is the application itself and the QSL listing. Bring the printout, QSLs and envelope with at least one unit of first-class postage to me for checking. Also did I mention that the fees for using this for your DXCC application is cheaper than the manual form and usually faster as well.

Have a good DX season and keep those DXCC applications coming and if there is a card checking topic you would like to see covered in the future just let me know at

k8dv@cinci.rr.com

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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:

VK0 - Macquarie Island - VK0MQ, Matt, has a work assignment there and is on the air now until October, mostly on weekends. He says he has limited time for recreation like hamming and he has other hobbies too, to pass the time. Some of his field work keeps him away from the station for days at a time, even a week or more. He is enjoying FT8, typically fox/hound mode. Here are frequencies he likes to go to: 3567, 7056, 10131, 14083, 18095, 21091, wr911, 28091. Matt says you must be in "special mode, hound" for that to work. Because of the remoteness and propagation factors, he figures this is the best way to give out Macquarie to the maximum number of ops worldwide. VK5GR helped him learn how to use it. The station is an IC-7100 with a backup IC-7000, to a "Moonraker 80B whip" antenna. It is made in Australia, originally for ships. Matt figured it is a good choice given the gale-force winds on Macquarie. Bird strikes to antennas are also a factor, with 3.5 million seabirds there! He is uploading the log to Club Log and does LoTW at the end of the month. When he can, Matt often announces his activity on Twitter, @vk0mq

7X – Algeria - 7T60A celebrates the 60 years since Algeria's independence from France. That was on July 5, 1962. 7T60A will be found on the airwaves July 1-30. QSL to 7X2VFK.

G - Seven UK entities GB22HQ is a special call from the National Exhibition Centre, in Birmingham, for the XXII Commonwealth Games, July 28 to August 8. Seven special calls will be the air, July 25 to August 21. They are:

GB22GD, Isle of Man

GB22GE, England
GB22GI, Northern Ireland
GB22GJ, Jersey
GB22GM, Scotland
GB22GU, Guernsey
GB22GW, Wales

QSL any of the above through M0OXO OQRS, and LoTW. Awards will be available for working them: <https://rsgb.org/main/commonwealth-games/awards/>

1S - Spratly Islands - The Republic of the Philippines' National Telecommunications Commission has issued 4F2KWT, Gilbert Lappay, special event callsign DX0NE. The license is for operation at Kalayaan Spratly Island to be used sometime between August 1, 2022 and December 31, 2022. No other details were release as of press time. <https://www.qrz.com/db/DX0NE>

D2 – Angola - D2UY (UT6UY), Mikalai, now has an MFJ 1846 Hex Beam for use on 20 through 6 meters. He hopes to have it erected next week and will soon be QRV with 50 watts on 50 MHz.

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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!

1-Jul	RAC Canada Day Contest	www.rac.ca/contesting-results
July 2	Venezuelan Ind. Day Contest	https://bit.ly/3NDZghb
July 2-3	Original QRP Contest	www.qrpcc.de/contestrules/index.html
July 2-3	Marconi Memorial HF Contest	www.arifano.it/contest_marconi.html
July 2-3	NZART Memorial Contest	https://bit.ly/3wYqvx1
July 2-3	PODXS 070 Club 40 Meter Firecracker Sprint	http://bit.ly/2FUmeOL
July 4	RSGB 80m Club Championship, CW	https://bit.ly/31qpcJl
July 6	VHF-UHF FT8 Activity Contest	www.ft8activity.eu/index.php/en
July 9-10	10-10 Int. Weak Signal QSO Party	http://bit.ly/1FrFeBc
July 9-10	IARU HF Championship	www.arrl.org/iaru-hf-world-championship
July 9-10	Veron SLP Contest	http://bit.ly/2L9eT1L
July 10	QRP ARCI Summer Homebrew Sprint	www.qrparci.org/contests
July 13	RSGB 80m Club Championship, SSB	https://bit.ly/31qpcJl
July 13	VHF-UHF FT8 Activity Contest	www.ft8activity.eu/index.php/en
July 16-17	CQWW VHF Contest	www.cqww-vhf.com
July 16-17	IARU Region 1 70 MHz Contest	https://bit.ly/3r1kqvT
July 16-17	North American RTTY QSO Party	http://ncjweb.com/NAQP-Rules.pdf
July 17	CQC Great Colorado Gold Rush	https://tinyurl.com/y8dh6xwy
July 17	RSGB International Low Power Contest	https://tinyurl.com/yckwshsr
July 18	RSGB FT4 Contest Series	https://bit.ly/31qpcJl
July 20	VHF-UHF FT8 Activity Contest	www.ft8activity.eu/index.php/en
July 23	YOTA Contest	www.ham-yota.com/contest
July 28	RSGB 80m Club Championship, Data	https://bit.ly/31qpcJl
July 30	WAB 144 MHz Low Power Phone	http://bit.ly/31yE4kT
July 30-31	RSGB IOTA Contest	https://tinyurl.com/yc8dzhh7
July 31	ARS Flight of the Bumblebees	http://arsqrp.blogspot.com
Sept. 24- 25	CQWW RTTY DX Contest	www.cqwwrtty.com

ARLD026 DX NEWS

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

FIJI, 3D2. Dom, 3D2USU is QRV with special call sign 3D2AJT from Nadi until July 27. QSL via Club Log.

ALGERIA, 7X. Members of the Djelfe Radio Club are QRV with special call sign 7T60A during July to mark Algeria's 60th anniversary of independence. QSL direct.

GHANA, 9G. Haim, DG5HL is QRV as 9G5AF from Accra. QSL via EA5GL.

ANGOLA, D2. Mikalai, UT6UY is QRV as D2UY. Activity will soon be on 20 to 6 meters. QSL to home call.

ST. PIERRE AND MIQUELON, FP. Eric, KV1J is QRV as FP/KV1J from Miquelon Island, IOTA NA-032, until July 12. Activity is on the HF bands with a focus on 60 and 6 meters. This includes being an entry in the upcoming IARU HF Championship contest. QSL to home call.

SWITZERLAND, HB. Special call sign HB75SG is QRV until July 31 to celebrate the 75th anniversary of the USKA St. Gallen club. QSL via LoTW.

SARDINIA, IS0. Richard, OM2TW will be QRV as IS0/OM2TW from July 5 to 25. Activity will be on 80 to 10 meters using CW and SSB. QSL to home call.

DENMARK, OZ. Carsten, OZ4CG is QRV as OZ4SOP from Bornholm Island, IOTA EU-030, until July 31 for the Sea Of Peace award. Activity is on the HF bands using CW. QSL via LoTW.

POLAND, SP. Special call signs 3Z1922PS, HF1922PS, SN1922PS, SO1922PS, SP1922PS and SQ1922PS will be QRV from July 2 to 17 to mark the 100th anniversary since the incorporation of part of Upper Silesia into Poland. QSL via operators' instructions.

COSTA RICA, TI. Special call sign TI1GOAL is QRV from July 1 to December to show support of Costa Rica's participation in the 22nd FIFA World Cup that will take place in Qatar. Activity is on the HF bands using SSB and FT8. QSL direct.

NAMIBIA, V5. Hanspeter, HB9BFM is QRV as V5/HB9BFM from Luderitz and Simplon/Sandverhaar until July 12. Activity is on 80 to 15 meters. QSL to home call.

MACQUARIE ISLAND, VK0. Matt, VK1HZ is QRV as VK0MQ from Macquarie Island, IOTA AN-005, until October while on work assignment. Activity is in his spare time on the HF bands using SSB and FT8 in DXpedition mode. QSL via LoTW.

HONG KONG, VR. In celebration of the 25th anniversary of the establishment of the Hong Kong Special Administrative Region of the People's Republic of China, licensed amateurs here are granted the use of the special prefix VR25 until June 30, 2023.

MYANMAR, XZ. Station XZ2B is QRV from Yangon. QSL via JH3SIF.

INDONESIA, YB. Special call signs 8B0FTDM through 8B9FTDM will be QRV on July 4 to 17 for the 5th anniversary of the FT8 Digital Mode Club. Activity will be on the HF bands using primarily FT8, but with some CW, SSB, and other modes as well. QSL via LoTW.

NICARAGUA, YN. Rafael, NN3RP will be QRV as YN2RP from July 4 to August 2. Activity will be on 40 to 10 meters using CW, SSB, and various digital modes. He will also try to be active on FM satellites. QSL to home call.

THIS WEEKEND ON THE RADIO. The RAC Canada Day Contest, QRP 20-Meter CW Fox Hunt, NCCC RTTY Sprint, NCCC CW Sprint, K1USN Slow Speed CW Test, Venezuelan Independence Day Contest, NZART 80-Meter Memorial Contest, Marconi Memorial HF CW Contest, Original QRP Contest and the PODXS 070 Club 40-Meter Firecracker PSK31 Sprint are all on tap for this upcoming weekend.

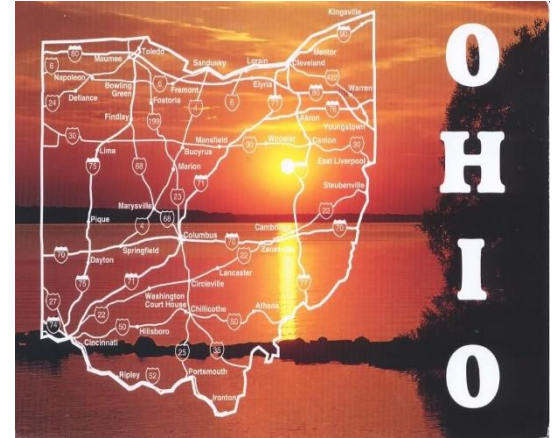
The ICWC Medium Speed CW Test, OK1WC Memorial, RSGB 80-Meter Club CW Championship, ARS Spartan CW Sprint, Worldwide Sideband Activity Contest, RTTYOPS Weeksprint, Phone Weekly Test, A1Club AWT, CWops Test, VHF-UHF FT8 Activity Contest, Mini-Test CW 40 and the Mini-Test CW 80 are scheduled for July 4 to 6.

Please see July 2022 QST, page 78, 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.





<h1>2022</h1>	
	<p>07/09/2022 - Mansfield Mid Summer Trunkfest Location: Mansfield, OH Sponsor: Intercity Amateur Radio Club Website: http://www.w8we.org Learn More</p>
<p>07/16/2022 - NOARSFEST Location: Elyria, OH Sponsor: Northern Ohio Amateur Radio Society Learn More</p>	<p>07/17/2022 - Van Wert Hamfest Location: Van Wert, OH Sponsor: Van Wert Amateur Radio Club Website: http://W8FY.ORG Learn More</p>

<p>08/06/2022 - Columbus Hamfest Location: Grove City, OH Sponsor: Aladdin Shrine Audio Unit Website: http://columbushamfest.com Learn More</p>	<p>08/13/2022 - Cincinnati Hamfest Location: Owensville, OH Sponsor: Milford ARC Website: https://CincinnatiHamfest.org Learn More</p>
<p>08/21/2022 - Warren ARA Tailgate Swap Meet Location: Cortland, OH Sponsor: Warren ARA Website: http://facebook.com/w8vtd Learn More</p>	<p>09/11/2022 - Findlay Hamfest Location: Findlay, OH Sponsor: Findlay Radio Club Website: https://www.findlayradioclub.org/ Learn More</p>
<p>09/17/2022 - Mound Amateur Radio Assoc. Swap Meet Location: Miamisburg, OH Sponsor: MARA Website: http://W8DYY.ORG Learn More</p>	<p>09/25/2022 - Cleveland Hamfest Location: Berea, OH Sponsor: Hamfest Association of Cleveland Website: http://www.hac.org Learn More</p>
<p>10/30/2022 - Massillon Hamfest (OH) Location: Green, OH Sponsor: Massillon Amateur Radio Club Website: http://w8np.org Learn More</p>	<p>12/03/2022 - FCARC WinterFest Location: Archbold, OH Sponsor: Fulton County Amateur Radio Club Website: https://k8bxq.org/hamfest Learn More</p>

OHIO'S



July 4 Holiday Edition



For a lot of amateurs, the official kick off of Summer is not Memorial Day. It is Field Day! So with Field Day now in the rearview mirror I guess it is now Summer. A good number of clubs and individuals within the South 40 column

coverage area are known to have operated. Some were low key with others going full bore. So let's take a brief look at some of their reports.

Ohio ARRL Section Manager Tom Sly, WB8LCD, made a one-way four hour road trip to kick off his annual visit to Ohio Field Day stations. This year he decided to journey to the Levo Ohio Century Farm near New Vienna and make his first stop at the 2022 Dayton Hamvention Club of the Year's site—the **Highland ARA**. At 2 pm he made a ceremonial first contact starting K8HO's Field Day Weekend. District EC Director Steve Lewis, N8TFD, visited the site as did DX Engineering representative Dave Vest, K8DV. Over 30 amateurs and 20 non-hams operated or visited during the weekend.



Over in Ross County, the **Scioto Valley ARA** operated from their clubhouse near the Scioto State Forest. President Jesse Stanley, KC8CHP, reported an expected visitor to their site was to be Dave Canterbury who has a series of videos on YouTube and who recently became licensed himself.

Unfortunately the **Southern Ohio ARA** was unable to participate as a group this year. However, Club PIO Mike Love, WB8YKS, reports some members are thought to have attended other club's operations or operated on their own.

He wasn't exactly in the 'dog house', but Ralph Matheny, K8RYU, spent 15 hours operating 1B from a local dog park at Marietta. During his operation, Ralph had some generator noise issues along with a couple computer glitches, but still managed to make 1,120 contacts! Over 900 of those were on CW.

From South of the River Bud Cyr, KB8KMH, shared a copy of the Huntington, WV *Herald Dispatch* regarding the **Tri-State ARA**'s Field Day 3F W8VA operation from the grounds of the Tri-State Fire Academy. The article contained three nice photos to catch reader's attention. We understand the food was outstanding at the carry-in on Saturday.

On down river, the **Greater Mason County ARA** set up in the Cumming Nature Preserve near Maysville, KY. Brent Wells, N4BDW, stated the Club's sole objective taking part in the event was not to make a lot of contacts and run up a big score. But it was to enjoy setting up a station, operating it and enjoy each other's company. Based on their objectives, it was a fantastic weekend.



The **Athens County ARA** operated 1A from the Athens County Fairgrounds with 475 contacts made over the weekend. Besides the CW/SSB station, they also had a 6 meter FT8 station and another for satellite work. Because FT8 is an unknown to many members, it got a lot of attention. A highlight of the weekend was Jeremy Duncan, KC8QDQ, making contacts through the 47 year old AMSAT OSCAR-7 satellite.

Next door in Vinton County, the newly re-established **Vinton County ARC** operated from the county airport with a set-up of multiple stations and antennas. The stations operated from solar and battery sources and Winlink Express was demonstrated. Milton Perry, W8MLP, reported 27 people attended the activity and had a great weekend including dining on fresh green beans, biscuits and gravy and ‘rabbit noodles’!



A memorable Field Day weekend was had by the **DeForest ARC** and ranged from a 6 year old making a contact to the Club now sporting a new mascot. President Kim Paquette, N8YWX, says the Club operated four stations from the Adams County Health Department’s grounds at West Union-one on PSK. Kim says Audrey Rosselot (whose dad Alex, KE8KEK, assisted her) became the youngest person to ever make a contact at a DARC Field Day event. As for the new club mascot, a well preserved rhino-beetle was found and provided some good laughs throughout the

weekend.

The **Cambridge ARC’s** 2A W8VP operation was held at a park near New Concord. Lyn Alfman, N8IMW, reports although they had to operate limited hours because of a skeleton crew they were still able to rack up a good number of contacts on CW, phone and digital. One member operated the event from home. Additionally they had several elected or appointed officials and non-ham visitors from Guernsey, Muskingum, Perry and Noble Counties who attended.

Although we believe there were a handful of other Southern Ohio region Field Day operations, unfortunately we did not receive any reports from those Clubs. In looking at all the reports and comments received it is very evident several things took place over the weekend. They are: 1) those who attended had fun, 2) it was a safe one for all clubs, 3) there was a lot of interest in antenna experimenting, alternative power sources, satellite communications, FT8 and finally 4) food and socializing.

The June QST listed a larger number of regional hams becoming Silent Keys than usual. Those listed are Omalee Mathews, N8ERP of McDermott; Carrol “Andy” Riley, W8VKJ of The Plains; Charles Ramsey, WB8WBR, of Lucasville and Sidney Grant, N8LOQ from Wellston. Our thoughts go out to those folk’s relatives and friends.

Since our last visit the FCC has issued a number of new amateur licenses to individuals in the South 40 region and Ted Jacobson, W8KVK, is being kept busy letting us know who they are. Highland County gained two new hams as Keegan Wireman from Lynchburg became a new

Technician and now sports a neat call sign of KE8VFO. His father Eric is KE8TZW. Highland County's second new ham is Jeff Hardy who regained a license and became KE8VEI. Jeff had been licensed in New Mexico but had let the ticket lapse. Conner McKenny from Georgetown is now KE8VFI and Mark Gilkey from Albany is KE8VFG. Laurelville has a new ham as Robert Myers passed his test to become KE8VES. A new ticket has been issued across the Mason-Dixon Line as Anthony Peric from Point Pleasant, WV becomes KE8VFA. Chesapeake's Janice Boyd took advantage of the final hours for the use of the old Technician license question pool and not only passed the Tech, but went on to become Lawrence County's newest General and is now KE8VDN. Welcome to all.



As previously reported, the **Portsmouth RC** was the sole club representing Ohio during the recently ended Lewis and Clark Trail Special Event. According to Jennifer and Michael Bailey (N8JEN and N8MRB) the PRC put 2,467 contacts in the log. And while speaking of the PRC, because of the July 4 holiday, they will hold their July meeting the following evening (July 5) at the American Legion Post in downtown Portsmouth.

On Tuesday, July 5, the **Hocking Valley ARC** will hold its monthly meeting. It will begin at 7 pm at the Hocking County EOC in Logan. All members and area amateurs are urged to attend.

A major source of income for the **Milford ARC** is the Cincinnati Hamfest. The Club is able to provide VE testing and operating events through the funds raised from this event. This year's event will be on Saturday, August 13 at the Clermont County Fairgrounds in Owensville. This year MARC is raffling a Yaesu FTDX10. Tickets are available on-line at www.CincinnatiHamfest.org. You do not have to be present to win.

Two Southern Ohio clubs are planning to activate special event stations on the first Saturday in October. The **Southern Ohio ARA** plans to operate a station from Ohio's Southernmost point at South Point and the **Highland ARA** is going to operate from the Gist Settlement in Highland County.

Thanks to SM5LBR, I was provided a draft of an article he wrote regarding the Dayton Hamvention. It is to appear in the July issue of *CQ DL* which is Europe's largest amateur radio magazine. Not only does it have a photograph of the Club, but the article tells about the **Highland ARA** being named the 'Hamvention Club of the Year'. Although in German, it is still neat to see a Southern Ohio club receive such recognition in another country's leading ham radio publication.

The **Athens County ARC** held its annual June picnic on the 21st at the Athens Southside Park. Eric McFadden, WD8RIF, states there was a good attendance with plenty of great food. After the meal, Kurt Groeneveld, KC8JRV, conducted a short mobile/pedestrian fox-hunt to the enjoyment of all.

That's it for another week. Here's hoping you enjoy a safe Fourth of July holiday with friends and family. In the meantime, stay healthy, safe and radio-active.

John Levo, W8KIW, jlevo@cinci.rr.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 on this one. While I know what I think the answer is going to be, the bigger the sample, the more accurate a survey like this is likely to be.

How about going to <http://arrl-ohio.org> and giving me a click? (It's in the bottom left corner of the page) I'll have more to say about this in the next OH Section Journal!



Do you have a DXCC Certificate?
Yes / No

From the last Poll: ***Have you made any special provisions with your station to be able to remain on the air during an extended power disruption?***
Yes / No

Out of 86 responses, 80% yes and 20% no.

Ohio Section Cabinet

Section Manager – Tom Sly, WB8LCD	Section Traffic Manager – David Maynard, WA3EZN
Section Emergency Coordinator – Stan Broadway, N8BHL	Section Youth Coordinator – Anthony Luscre, K8ZT
Technical Coordinator – Jeff Kopcak, K8JTK	Affiliated Clubs Coordinator – Tom Sly, WB8LCD
State Government Liaison – Bob Winston, W2THU	Public Information Coordinator – John Ross, KD8IDJ



Hey Gang,

Have you taken a look at the **Swap & Shop** page on the Ohio Section webpage yet?? Here's a link that will take you there... <http://arrl-ohio.org/sm/s-s.html>

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

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

Now, I still want to remind you that it won't be listed in this newsletter because it would take up way too much space, so your ad will only appear on the website. It is there for any individual to post equipment Wanted / For Sale or Give-Away as well as for Club Fund Raisers. No licensed vehicles/trailers or business advertising will be posted. Postings are text only (no pictures or graphics) will be posted for a maximum of 1 month from date posting and require a contact phone number or email within the posting. Send your Wanted / For Sale or Give-Away post to: swap@arrlohio.org

Back Issues of the PostScript and Ohio Section Journal

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

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



Want to Share your Club Newsletter With Others?

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

Here's the link to the page.... http://arrl-ohio.org/club_news/index.html

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



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

Chit – Chat, and All That!

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



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



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

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

The pictures on the front page and throughout this newsletter are from various newsletters, Facebook posts and/or were sent directly to me in recent weeks. Take a good look at them, you just might be in one of the pictures! “SMILE... you're in the Ohio Section News!!”



3rd Annual Kentucky state Parks On The Air – Amateur Radio Contest

Be sure to mark your calendar for the 2022 Kentucky Parks On The Air (KyPOTA) contest – **August 13, 2022 Time:** 1400 UTC to 2200 UTC (9 am - 5 pm CDT). The KyPOTA contest was conceived with three main goals in mind:

- To promote public awareness of amateur radio;
- To promote the recognition that Kentucky Parks have a very diverse and wonderful ecology;
- To promote camaraderie within the ranks of Kentucky’s Amateur Radio Operators

We agree it is a lot of fun to get out in a natural setting with our radios and see how well we can do at working operators in the beautiful Kentucky Parks.

This will be the 3rd annual KyPOTA – Make plans now to be active in KyPOTA 2022.

Don’t forget – we have a KyPOTA E-mail Group located at KyPOTA@murray-ky.net

Since we do allow spotting to encourage more contacts during KyPOTA, Facebook is being used before and during the contest for instant updates and to share stories and photos.

Notes: Some Kentucky Parks are being managed by local park systems, but they are still listed and considered to be Kentucky Parks. Please be considerate of others using the parks.

Questions? Email: KyPOTA@murray-ky.net. When the KyPOTA contest is over, send Logs to KyPOTA@murray-ky.net by August 27, 2022 or 14 days following the event. Contest rules can be found at: WWW.k4msu.com/kypota.

So – pick a park and make your plans now for KyPOTA 2022 !! Take care & 73 from the entire KyPOTA contest committee and the contest sponsor: Murray State University Amateur Radio Club, Box 2580 University Station, Murray, Ky 42071.

Fifteenth Annual Ohio State Parks On The Air – Amateur Radio Contest

Make sure to mark your calendar for the 2022 Ohio State Parks On The Air (OSPOTA) contest – September 10, 2022. The contest is always held on the first Saturday following the Labor Day holiday. Each year this event has grown and we anticipate another year of growth with even more participating Amateur Radio Operators.

Let me remind you that the OSPOTA contest was conceived with three main goals in mind:

- To promote public awareness of amateur radio and Ohio's beautiful state parks system;
- To contribute to the recognition that Ohio has a very diverse and wonderful ecology;
- To promote camaraderie within the ranks of Ohio's Amateur Radio Operators

Your participation has allowed these goals to be achieved. We agree it is a lot of fun to get out in a natural setting with your radio and see how well you can do at working operators in the beautiful Ohio State Parks.

This will be the 15th annual OSPOTA – Make plans now to be active in OSPOTA 2022.

Don't forget – we have an OSPOTA E-mail Group located at: <https://groups.io/g/OSPOTA>

The [OSPOTA IO Group page](#) is used for messaging and sharing of information about OSPOTA for all the fans and participants in the OSPOTA contest. The [E-mail Group](#) is where the action is.

Since we do allow spotting to encourage more contacts during OSPOTA, Facebook is being used before and during the contest for instant updates and to share stories and photos.

As the contest draws near, we'll be posting on the OSPOTA E-mail Group page the anticipated 'who's going to be at what Ohio State Park' or 'Planned Park' list as we have in past years. Send your planned park activation information to PlannedParks@ospota.org . Please, include the call sign that will be used and the Ohio State Park you plan to be at. If your plans change, just let us know and we'll update the list. Remember, more than one person or group can be at an Ohio State Park – there are no reserved State Parks.

Notes: Some Ohio State Parks are being managed by local park systems, but they are still listed and considered to be Ohio State Parks according to ODNR (Quail Hollow & Tinkers Creek).

So – pick a park and make your plans now for OSPOTA 2022 !!!!! Take care & 73 from the entire OSPOTA contest Committee, KB8UUZ, WG8X, W8PT, W8KNO, KB8UHN

Tom, KB8UUZ OSPOTA Chairman OSPOTA

Questions? Email: INFO@ospota.org

When the OSPOTA contest is over, send Logs and Summary Sheets to: Logs@ospota.org

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!
