



The **RADIOGRAM**

When All Else Fails ~ Amateur Radio Works

~ Official Newsletter of the Portage County Amateur Radio Service, Inc. ~

PCARS - the 2018 Hamvention® Club of The Year

May 2022 - Volume 17 Number 5

Dayton Hamvention® 2022 - The Reunion



PCARS K8BF

The Club that puts the FUN in Ham Radio!





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Portage County Amateur Radio Service



K8BF



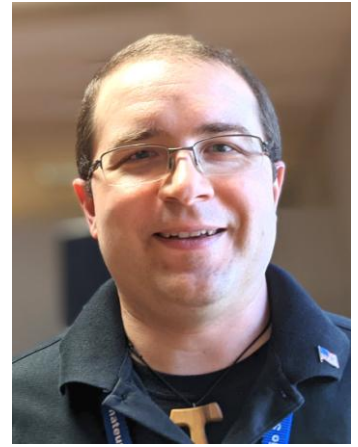
2018 Hamvention® Club of the Year



From the President



Nick, AC8QG
PCARS President



Spring Cleaning

A big thank you to everyone who came out to the club site and helped with our spring cleaning. We had a great turnout, and the people who came early worked so hard that the late comers didn't have much left to do!

Club Antenna Work

With the good weather our antenna crew has been back at work to get the new tower and antenna up and operational. I know the contest group is looking forward to getting back to contesting from the club site, and we're

making progress. There's still some work to do but we're getting close. Thank you to everyone who has helped and is continuing to help with this project!

Special Interest Groups (SIGs)

We've been having a lot of fun in the various SIGs. They always provide great opportunities to collaborate and learn, but recently we've had great participation both in-person and on Zoom. If you haven't joined us, you've been missing out. This month we talked about newer digital modes, POTA, NanoVNAs, NVIS, gray-line propagation, end fed antennas, the Florida QSO Party, solar cycle 25, and lots more. I hope many more of you will hop on Zoom or stop by the club site and join us on a Tuesday night.

Field Day

Field Day is right around the corner, so sign up for an operating slot now! We need operators and also volunteers to help with setup and teardown. Check out the information elsewhere in this newsletter for more information.

Hamvention®

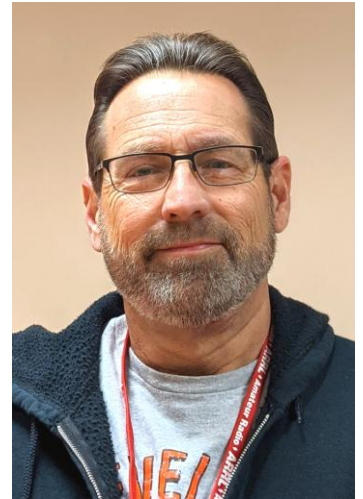
The wait is finally coming to an end! Once again many of us will make the trip out to Xenia and join Hams from around the world at Dayton Hamvention®! I'm looking forward to the trip Southwest and I'm excited to join in all the fun. If you make it out, I hope you come back with good stories and maybe even some good gear.

Have a great month, everybody! Get on the air and have some fun playing radio!

From the Vice President



Mike N8WCP
PCARS Vice President



April has been a busy month for PCARS members, we had a great meeting with C. Matthew Curtin, KD8TTE speaking about ECOMM, the CFARC hamfest, lots of great DX on HF, Flexnet, our clubsite antenna project, weekly 2M net, and field day planning!

Our speaker this month is Greg Latta, AA8V who will discuss Feedlines & SWR. Greg was first licensed in 1968 and has been a member of CFARC ever since. He has written articles for QST, QEX, and Ham Radio Magazine as well as designing and building numerous vacuum tube and solid state equipment. Looking forward to his presentation.

If you've been following posts on our Facebook page or PCARS group, you've seen pictures of club members working on the clubsite antenna project. This started last year when the old tower was removed for refurbishing. If all goes as planned, the tower, rotator, new OptiBeam tribander and 6M loop will be installed and ready to go as you read this newsletter. This has been a great team effort by; Jack N8BI, Chuck W8PT, Jim AC8NT, Greg KA8TOA, Mike KB8TUY, David KE8QEP, Paul KE8EGF, Nick AC8QG, Mike N8WCP, Ken WA8LRW and Tim W8GPN.

Preparations for Field Day 2022 continue. We encourage our members to get involved either as operators, setup/teardown, or support staff. Some stations still need operators so check the FD updated in this edition of the newsletter.



We still have a few openings for appointments and committees, please review the last page of the newsletter and let Nick, AC8QG know if there is a position you would be interested in.

Do you have a suggestion for a presentation or build project? Send me an email at vicepresident@portcars.org.

Schedule of Events



*We plan to add to the schedule as we bring back more in-person events.
Look for announcements in QST emails, on the website,
on our weekly net, and in future newsletters.*

*If you're not feeling well, please stay home and join us by Zoom if instead. We'll
continue to offer Zoom as an option wherever it makes sense to do so.*



May 2nd - PCARS Board Meeting at the club site & Zoom - 7 pm
May 9th - PCARS Meeting - Kent American Legion & Zoom - 7 pm
May 20-22nd - Hamvention® 2022 in Greene County - Xenia , Ohio
June 4th - VE Testing at the club site in Ravenna - 10 am
June 6th - PCARS Board Meeting at the club site & Zoom - 7 pm
June 13th - PCARS Meeting - Kent American Legion & Zoom - 7 pm
June 25-26 - Field Day 2022 at the park in Freedom Township

First Tuesday - **Digital** - Moderator: Rick, K8CAV - **On Zoom Only** -

Second Tuesday - **Portable Ops** - Moderator: John, WG8X

Third Tuesday - **Antenna** - Moderator: Tony, WA8AR

Fourth Tuesday - **DX & Contest** - Moderator: Chuck, W8PT

Fourth Thursday - **Net Night at the Club Site** - 6:30 pm - Moderator: Tom, WB8LCD

PCARS Patches & Stickers



PCARS logo patches (iron on) &
stickers (stick on) are now available!!

Put the patch on your hat, your shirt,
your jacket and show off that PCARS
logo!! The patch is about 3". The
embroidery on the white patch is in Red, Black



and Blue. Cost for a patch is only \$2.00 each and can be obtained at
any PCARS meeting. There are 2 types of stickers available - a 4" x
6" oval and a 3" x 10" bumper sticker. Stickers are \$1 each. Show
your pride in PCARS - Wear a patch, use the stickers! See the club
Treasurer: **Greg, KA8TOA** or e-mail him at: Treasurer@portcars.org



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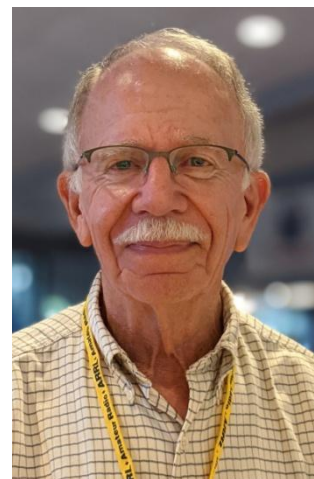


From the Great Lakes Division Director



Dale, WA8EFK
ARRL Great Lakes Division Director

Greetings, welcome to "Dale's Tales" for May 2022



CONGRATULATIONS to John E. Ross, KD8IDJ, of Columbus, Ohio, selected by ARRL to be our new national ARRL News Editor.



An Extra class licensee, for the past 10 years, John has served as the Public Information Coordinator for the ARRL Ohio Section. His background includes journalist and broadcast engineer. An OSU graduate, he had dual careers as Vice President/Associate for Wilson Group Communications, a Columbus-based public relations, media relations, and crisis management firm. He recently retired from AT&T after 28 years as a Network Analyst.

He is a US Army and US Army Reserve veteran, and is a six-time recipient of the President's Volunteer Service Award for helping disabled and homeless veterans.

John has been training with Bob Inderbitzen NQ1R and ARRL Headquarters staff members of the editorial team for the last few weeks. He has already produced the last 2 editions of the ARRL Letter, and ARRL Audio News. John will also produce news content for ARRL's website, and the "Happenings" and "Amateur Radio World" columns in QST.

Submissions for The ARRL Letter and ARRL News can be sent to John via news@arrl.org.

HAMFESTING: Continuing the discussion from last month, I have had discussions with our three Division Section Managers to cover some concerns that have been expressed regarding Great Lakes Division Hamfests. The first relates to what may constitute a "Swap" or "Hamfest", versus what are recently being called "Trunk" swaps. It seems most swaps, at least when the weather is warm, are in fact swaps involving a lot of sales from trunk, tailgate, and personal tables in the trunk sales areas. Furthermore, there is no real accepted definition that covers what differentiates a "trunk sale" from any other type of swap. Should it be a limited number of sellers? Attendance? Available lot size? Admission charge? Sponsor's choice? At this point we are seriously considering no longer attempting to define hamfests by a definitions as "Trunk sales/swap" or not and will use a general listing as either a hamfest (or a ham swap meet), sponsor's choice for those two traditional naming conventions. Your input is solicited.

The second matter arises as to the number of ARRL Sanctioned hamfests that should be permitted each season for a specific sponsor. Further discussion with ARRL Headquarters and our Section Managers has resulted in a Great Lakes Division policy change that takes effect May 1, 2022 and applies to all future ARRL Sanctioning applications. The Great Lakes Division will grant ARRL Hamfest Sanctioning to a maximum of two hamfest per sponsoring organization each year. These two must be at least four months apart, putting each in a different season. The allowance of two is a consideration made because of many shifted hamfest dates caused by the Covid 19 Pandemic. As you are aware, ARRL contributes prizes to Sanctioned events, and this new policy exhibits fairness to all of our hamfest sponsors.



From the Great Lakes Division Vice Director



Scott, N8SY
ARRL Great Lakes Division Vice Director



Scott's Notes for May 2022

I want to express my congratulations to John Ross, KD8IDJ for becoming the newest ARRL News Editor! John is taking over the reins for Rick Lindquist, WW1ME who recently retired from this post. As many of you know, John was my Public Information Coordinator for almost all of my time as Section Manager for Ohio. He's gonna' do the Great Lakes Division proud for sure!

Have you heard the latest? The FCC is once again processing license applications and exam session files, but the process has been slowed down some since the addition of the \$35 fee started. Our ARRL Volunteer Examiner Coordinator (VEC) Maria Somma has reported that the FCC Universal Licensing System (ULS) electronic batch filing (EBF) system was down for several days. So, this will mean that there will be some delays until they get caught back up in getting licenses processed. Please be patient, they will get processed!

Shifting Gears... As I expressed last month "April showers bring May flowers and May flowers brings the Dayton Hamvention!!!" Yes, there's now only 19 days left before Dayton!! Are you ready for this? The biggest hamfest in the world is back, and you're not gonna' want to miss out on the fun and excitement of everyone getting back together. This year's theme is "Reunion." It's the 70th anniversary so let's make this the best hamfest weekend ever!

OK, shifting gears again... Now, for all the contesters out there. May has contests. If you are interested in just having some fun, here is a link to a schedule of all the contests for the month of May...
<https://www.contestcalendar.com/fivewkcal.html>

Now speaking of contests... Well... This isn't actually a contest, it's an ARES® Exercise but its fun no matter what you call it, Field Day is fast approaching. Yes, Field Day this year is June 25 - 26. Is your club planning on participating? I sure hope so. As I have done for many years, I'll be out and about visiting many of the Field Day sites once again this year! Where will I be? Who knows! My plans this year is just to get in the car and go. So, how will I know where the sites will be? Simple, I will go to those sites that have registered on the ARRL Field Day Locator! <https://www.arrl.org/field-day-locator> There are already a bunch of sites listed on the map that I can go to. So, hope to see you at Field Day!

That is going to do it from here this month. Stay safe and "Catch Me On The Air or at a hamfest!!!"



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The Club that puts the FUN in Ham Radio!



From the ARRL Ohio Section Manager



Tom, WB8LCD
ARRL Ohio Section Manager



This past weekend had been a very busy “Ham Radio” weekend! And, except for a couple of 2-meter Q’s on the road and the PCARS net on Thursday evening, it was all done at audio frequencies – and in person. I was up to Parma, OH where the Woodchuck Amateur Radio Club meets. Although a smaller club, they are BIG on Amateur Radio Fun. They are involved in a whole bunch of activities that keep them both on the air and in the public eye. An important part of being a successful club. Well done!

Unfortunately, I was unable to participate in NVIS day operations. Near Vertical Incidence Skywave (NVIS) antennas are an interesting study in Radio Wave propagation. Very important in emergency operations and also a useful tool for other operations such as Ohio State Parks On The Air (OSPOTA).

My daughter Jenny (KD8LIR) and I were off to Athens, OH for the Athens hamfest. From the Holiday Inn it was less than a ½ mile to the Hamfest, so I didn’t have to get up too early. I’ve said this many times and it keeps being proven true every time I go out to an event, the Ohio Section has some of the friendliest Hams anywhere in the country! Get out and enjoy their good company. I came home from Athens with a Benton Harbor Lunchbox – the Sixer! I’ll give it a quick “go-over” and let you know how it plays.

Just so you’ll know, while I wish I could be at every Hamfest, it’s just not possible with family and business commitments. At this point, these are the fests I have on my agenda (so far) for the rest of the year: May 20th – Hamvention!, July 9th - Mansfield, August 6th – Columbus, August 13th – Cincinnati, September 25th – Cleveland, October 28 – Massillon.

Also, in the category of “no surprises” I will not be sending out a “PostScript” on the weekend of Hamvention (self-explanatory) nor the first two weekends in June (family vacation).

I want to encourage you to send me your articles and/or announcements for PostScript. The publication date is always Monday, but they usually come out sometime over the prior Saturday/Sunday. If you have news, especially if you need something that is date sensitive, please, get it to me no later than the Friday before the Monday publish date. If you send something on Saturday or Sunday, I cannot guarantee it will be in that Monday’s issue. Please send me your article / announcement exactly as you would like to see it published in a MSWord file (.docx) with a Times New Roman Font, font size 12. It just saves me a lot of time if I don’t have to convert everything to match the PostScript style. And if you want any photos please submit in a .jpg format.



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Hamvention® 2022 - Be There!

Tom, KB8UUZ



It has been a long time (2019) since we have been able to gather together at the world's largest hamfest - the Dayton Hamvention® **is back** and it will truly be a reunion. A chance to see and talk with hams from around the corner to around the world. An opportunity to see what vendors have been working on and to look over all the treasures to be found in the flea market area.



Okay - Here I go again on my article about going to the Hamvention®. Yes, it takes more than a few hours to get there, yes I know you're busy.... **BUT** Just think of it, hams from around the world can only *dream* about going to Hamvention®, and for us, it's practically in our back yard.

Even if you only go for one day - **GO!!!!** Even if you don't spend any money - **GO!!!!** Visit all the dealers, see what's new and what's coming out soon. **GO!!!!** check out the great ARRL display area and meet some of the ARRL HQ personnel. There are plenty of *free* forums. **GO!!!!** just to be there and walk around seeing all the ham gear and hams from around the world is worth the trip.

Who knows, you just may bump into a foreign ham that you made a DX contact with. The outdoor flea market is really something to see - jammed packed with just about everything you can imagine. This is one heck of a flea market. Chances are you will never see a larger one! Many bargains to be had, and don't hesitate to haggle the price a bit lower.

Take a camera and take pictures of everything and everybody!

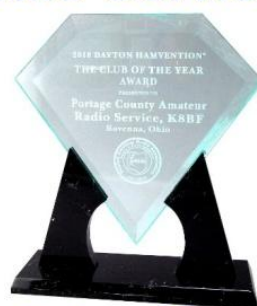
So, check it out - Friday the 20th, Saturday the 21st and Sunday the 22nd in May - the **ONLY** place to be is at the Hamvention®.



Portage County Amateur Radio Service



K8BF



2018 Hamvention® Club of the Year

Hamvention® 2022

Dayton Hamvention® - Still a Go for 2022

Hams and vendors hoping to attend Dayton Hamvention® 2022 have been asking what, if any, COVID-19 regulations will be in place at the event. Hamvention management says it's monitoring the situation closely.

Hamvention General Chairman Rick Allnutt, WS8G, issued a statement:

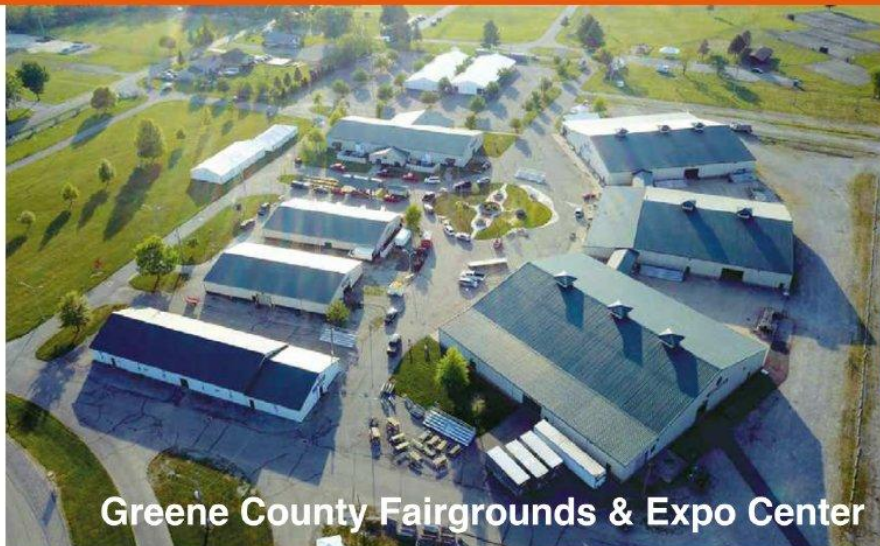
"We strongly anticipate that Hamvention 2022 is a go. We cannot guarantee what government may decide about unknown changes in the pandemic. It has become obvious that the State of Ohio is very unlikely to call a halt to large gatherings anytime soon. Despite a recent large spike in [Omicron-variant] COVID cases and hospitalizations, there is no move to restrict large indoor or outdoor events such as sports events,"

Allnutt added that he anticipates that the official state guidance may be to recommend -- not require -- face masks and social distancing, but does not expect to be checking attendees' vaccination status on site. Hamvention will support state guidance. Some have asked whether COVID-19 testing will be available at Hamvention. At this time, there are no plans to have testing on site. Updates on Hamvention and COVID-19 regulations related to the event will be posted on the [Hamvention website](https://www.hamvention.org).

Hamvention®, an ARRL-sanctioned event, will be held May 20 - 22, at the Greene County Fairgrounds and Expo Center in Xenia, Ohio.

Dayton Hamvention®

70th Anniversary Reunion



Greene County Fairgrounds & Expo Center

hamvention.org



May 20 - 22, 2022

Get Your Tickets Online NOW!

\$26 in advance or \$31 at the gate

- Exhibits & Flea Market
- Forums & Activities
- Networking & More!

HAMVENTION 2022: News directly from the Dayton Amateur Radio Assn.

Reasons I'll Be Coming To Hamvention

I've been missing my ham radio friends! It is fun to see them in a Zoom meeting, and it is fun to make a radio contact with them, but walking around the Fairgrounds with them and talking over what has happened since we last saw each other is much, much better. I'll be able to catch up with news about family, new hobby interests, the latest improvement in our radio shacks, and remember those of us who are not able to be here this year.

I love to go to the Forums and see what new ideas are being discussed. Hearing about the new radios, advanced techniques for contesting, simple ways to solve the problems with POTA set-up, and dealing with the new Solar Cycle to the best advantage will be the main aims of the forums I go to. I even get to moderate a forum devoted to the amateur radio operators who made contributions to the Covid-19 Pandemic response and operation Warp Speed.

I'll be keeping an eye out for new homebuilt kits, especially those developed in the last 3 years. I enjoy the challenge of soldering up the components (including the tiny surface mount chips) and testing to see if my homebuilt results can match the factory robots at a lower cost.

I'll be watching the presentations of our youngest hams. I'll be listening to what Carol Perry's students present in the Saturday morning Youth Forum, and will try to get some of my grandchildren there to be inspired by these "rock stars" where the hobby will be going in the next generation. I'll enjoy seeing what robots they develop, what techniques they are interested in, and wonder if the fastest CW copy at the CWOPS booth will still belong to a young ham.

I'll be looking for international hams who successfully navigated all of the regulations various governments put up, and worked hard to get to Hamvention. I'll be stopping by the booths of companies from other countries and thank them for all the hard work they accomplished to get to Xenia, OH instead of just offering their products on the internet.

I'll be stopping by Contest University on Thursday to encourage folks trying to improve their radio practices, antennas, rigs, and recording DX contacts; thereby improving their contest scores. I will also be stopping by the Four Days in May get together to see what bright (and inexpensive) ways these creative hams have found to improve the weight/power ratio of homebuilt radios.

Lunch each day of Hamvention, I look forward to the great food trucks, with reasonably priced eats, arranged by the Greene County Fairgrounds and Expo Center. I love how the food always seems a cut above typical "fair food". My favorite is the butterfly pork chop grilled fresh by a member of the Greene County pork producer's group. I hope they are there again!

I'll be looking carefully among the assembled throng of amateurs for the Hamvention award winners. I want to be one of the first to congratulate the Technical Award, Special Achievement Award, and Amateur Radio of the Year Award winners. I bet the Club of the Year members will make their presence known far and wide!

I hope to have a few hours to walk thoughtfully through the Flea Market and decide if I have room for in my radio shack for something. I already have several (working) antique radios on my shelves. I'm sure something will strike my interest as an appropriate boat anchor that I need to take home.

As I walk through the inside exhibits, I'll take a moment to share the excitement of hams that have been away from Hamvention for too long. I'll ask the commercial vendors if their business at Hamvention is going well. I'll help someone carry an antenna outside where they are less likely to run into their fellow hams. I'll stop to take a picture of people with Hamvention antenna hats (and antenna hair!); of pedestrian and bike mobile setups, and of a whole bunch of folks doing nothing more than having fun.

That's ten great reasons worth being at Hamvention!!

Vy 73 de WS8G - Rick Allnutt - General Chair Hamvention 2022

Head to Ohio this May for Dayton Hamvention® 2022 and Contest University!

The countdown to Dayton Hamvention® is on and operators around the globe will soon be trotting into the Greene County Fairgrounds and Expo Center in Dayton, Ohio to attend the massive event May 20-22. If you're making the trek, it's sure to be worth it with hundreds of indoor exhibits and even more outside! Contest University, hosted by DX Engineering CEO Tim Duffy, K3LR, will also be in town the day before giving you the perfect excuse to get to Dayton earlier to enjoy an even longer amateur radio getaway!



Hamvention is expected to draw more than 30,000 visitors and will be jam-packed with international vendors, educational forums, product reps, all the latest gear, lots of great freebies and food, and the outdoor flea market with vintage and rare finds you just won't find anywhere else. Plus, DX Engineering will be out in full force, loaded up with lots of cool things to buy and its team of Elmers ready to chat your ear off about all things ham radio.

EMCOMM display trailers, vans, and trucks will also make an appearance to showcase the services of ARES®, RACES, MARS, CERT, the Salvation Army, DHS, the National Guard, CGAUX, and more. If that isn't enough to entice you, there's also dinners, awards, operating from the special event station (license required), a talk-in, hourly drawings with prizes donated by Hamvention vendors, manufacturers, and dealers (check out the prize

schedule), and you can even take a FREE license exam to become an official ham right in the midst of all the Hamvention action!

Check out the full schedule of events on the Hamvention website and make sure to buy tickets when you do. Plus, there's no travel stress since everything you need to make your trip accommodations easier is all online, from onsite camping to nearby hotels, taxi services, and air travel. Plus, you'll find info on the best places to park, GPS information, accessibility guidance, and opportunities to volunteer for the event—although, these may fill up fast so it's a good idea to fill out your volunteer application in a hurry.

Or make your stay longer and even more fun by registering for Contest University in Dayton on May 19 from 7 a.m. to 5 p.m. to learn all the latest tips and info on improving your scores. The full schedule of events can be found on the Contest University website.

Looking for information on COVID-19 protocols? We understand and are at-the-ready with the official Hamvention COVID-19 statement from General Chairman Rick Allnutt, WS8G. The statement outlines the current and expected event protocols, but please remember these are subject to change pending state or federal guidance. Up-to-the-minute event info and COVID-19 guidance can also be found on the Hamvention® website.












Gate 1
EXIT ONLY

Gate 2
Package Pickup
Reserved Parking













Gate 3
ADA Parking
Volunteer Parking

Gate 4
Guest Parking
Tour Bus






Parking

-  Remote Parking Shuttle
-  General
-  Handicap
-  Tour Bus
-  Drop Off
-  Scooter Shuttle
-  Testing Shuttle





General Info

-  Prize Booth
-  Prize Monitor
-  Info Booth
-  Lost & Found
-  Restrooms
-  First Aid
-  Robot Arena
-  Charging
-  Tickets
-  Food Vendor
-  Camping
-  ATM
-  EmComm Vehicles
-  Venture Crew 73
-  Package Pickup





Inside Exhibits

-  E1 Maxim - 1000's
-  E2 Tesla - 2000's
-  E3 Marconi - 3000's
-  E4 Volta - 4000's
-  E5 Hertz - 5000's

Flea Market

-  FF Front Lot
-  FW West Infield
-  FE East Infield
-  FG Grandstand

Forums

-  F1 Forum 1
-  F2 Forum 2
-  F3 Forum 3
-  F4 Forum 4

Dream Station

DX Engineering and Icom America Offer Amateur Radio Dream Station Prize Package at Dayton Hamvention® 2022

One lucky attendee at Dayton Hamvention® 2022 (May 20-22) will walk away with the largest prize ever offered in the history of the event—an Icom Amateur Radio Dream Station Package worth close to \$20,000.

The prize package was donated by **DX Engineering** in conjunction with **Icom America**, Platinum Prize Sponsors for Hamvention 2022. The Icom Amateur Radio Dream Station Package includes these Icom products:

- IC-7851 HF/50 MHz Transceiver: \$13,299.95
- SM-50 Desktop Microphone: \$335.99
- SM-30 Desktop Microphone: \$169.99
- RS-BA1-V2 IP Remote Control Software: \$159.99
- SP-38 Base Station Speaker: \$186.99
- SP-41 Base Station Speaker: \$269.99
- IC-9700 VHF/UHF/1.2 GHz Transceiver: \$1,699.95
- ID-52A VHF/UHF Multifunction D-STAR Handheld Transceiver: \$649.95
- HM-186LS Handheld Speaker-Microphone: \$57.99
- VS-3 Bluetooth Headset: \$148.99
- BC-202IP3L Handheld Rapid Desktop Charger: \$64.99
- BP-307 Handheld Li-Ion Battery Pack: \$139.99
- IC-705 HF/50/144/430 MHz All Mode Portable Transceiver: \$1,349.95
- AH-705 Compact Antenna Tuner for IC-705: \$379.99
- LC-192 Backpack for IC-705: \$179.99
- AL-705 Magnetic Loop Antenna for IC-705: \$319.99

Total Value of Package: \$19,414.68 - (Based on current DX Engineering retail pricing)

“On behalf of the many hams who work so hard to make Hamvention a truly special event, let me offer my most heartfelt gratitude to DX Engineering and Icom America for their Platinum Prize Sponsorship” said Rick Allnutt, WS8G, Hamvention General Chairman. *“We simply can’t give enough thanks to all of our generous sponsors. The Dream Station prize adds even more excitement to what promises to be an amazing three days in Dayton.”*

“Hamvention is one of the signature events of the ham radio calendar, and it’s something our team of active operators look forward to every year.” says Tim Duffy, K3LR, DX Engineering Chief Executive Officer. *“Being a Platinum Prize Sponsor along with Icom America is our way of giving back to the amateur radio community who has supported us for more than two decades. We can’t wait to see everyone in Dayton to talk about the world’s greatest hobby.”*

Read complete contest rules [here](#). For full details about Dayton Hamvention® 2022, visit the event’s official [website](#).



The Unsung Heroes of Hamvention

Rick Allnut, WS8G
Hamvention General Chairman



A large group of attendees are attending Hamvention for their 5th or 20th or 40th time. They are the regulars and come because they like Hamvention. They know each other, and enjoy seeing each other face-to-face at least at Hamvention.

Maybe they contact each other on a social basis on the radio weekly or a few times a year. Lots of these hams know each other from contesting and come together at Hamvention because this is where yearly contesting meetings occur. Many of these ops also attend Contest University on the Thursday before Hamvention.

Some of the regulars are interested in new technology, new designs, and building. The Four-Days-In-May experience draws a lot of these operators together for new ideas and old friendships.

Some of the regulars rent personal or club Flea Market spaces to give themselves a home while they are at Hamvention. Maybe they will sell some gear, but for many, the emphasis is mainly on friends that stop by to say hi and look through the offerings.



Some of the regulars have come long distances – from other continents – for any of the reasons listed above. They make Hamvention an international event, even as the local and US hams make it a huge event.

Some of the visitors to Hamvention are new to the hobby of amateur radio and new to Hamvention. Some have recently received their “ticket” and are awash in the experience of buying a first radio, seeing the craziness of antenna hats for the first time, and trying to get a hang for the jargon that amateur radio operators use.

Some of the visitors have been studying for the required exam to become an amateur operator or advance to a higher level of license. They have been saving up the testing experience to be able to say that

they got their license at Hamvention.

And then there are family members of all the people described above. Many are spouses of the person that really wanted to come to Hamvention. Some are children or grandchildren. Some have been told that there is a lot for them to do... to buy software or jewelry or eat great food. Whatever was necessary to get them through the gates with the ham that wanted them to be there with him or her. Some of them will take license exams, or be promised a visit to the Air Force Museum, or just be encouraged to come along and see what Hamvention can be – including the antenna masts made from braided hair.


All of these people: the regulars, the contesters, the builders, the new hams, and the family members are heroes for Hamvention. All command the attention of Hamvention leaders and the thanks of the whole corps of volunteers who do all they can to make Hamvention special, wonderful, and a place all these folks will want to come back to next year.

Extended hours for National Voice of America Museum during 2022 Hamvention

The National Voice of America Museum of Broadcasting in conjunction with the West Chester Amateur Radio Association announce expanded hours for the museum during the 2022 Dayton Hamvention.



The Museum will be open for the following; Thursday May 19th from 1:00 to 9:00PM, Friday May 20th from 1:00 to 9:00 PM, Saturday May 21st from 1:00 to 9:00 PM and Sunday May 22nd from 1:00 to 5:00 PM. Admission is \$10.00 at the door. The WC8VOA Amateur Radio station will be available to operate during these times. The Museum is a short drive from Hamvention down either Interstate 75 or Route 42 from Xenia. GPS use Crosley Blvd.



Exhibits include the Robert Drake collection of radios and the recently restored WLWO (W8XAL) transmitter. This transmitter was used to provide the very first broadcast of the Voice of America into occupied Europe on February 1st, 1942. A completed diorama showing antenna configurations of the original operation which occupied nearly one square mile is also on display. Docents and ARS operators will be available to enhance your visit to the museum.



For further information you can visit us at voamuseum.org or wc8voa.org on the web. You can also find us on Facebook at National Voice of America Museum of Broadcasting. The Museum's regular hours are Saturdays and Sundays 1:00 until 4:00 PM. The Museum is located at 8070 Tylersville Road, West Chester, Ohio 45069. Phone at 513-777-0027.



ARRL AT HAMVENTION®



MAY 20–22, 2022

Visit the ARRL exhibit area for the latest information on ARRL programs and services, including:

- Radiosport and DXCC Card Checking
- Amateur Radio Emergency Service®
- Development and ARRL Foundation
- Education and Learning
- ...and much more!

PLUS!

Meet with ARRL program representatives, join, renew, or extend your membership, and purchase your 2022 Field Day gear!



ARRL EXPO at Dayton Hamvention - May 20 - 22, 2022

Official websites:

- www.hamvention.org
- www.arrl.org/expo

Convention Tickets: hamvention.org

Download the ARRL EXPO [exhibit map](#) (PDF)

Event App: -- Coming soon! -- ARRL, in partnership with Hamvention, will offer the free **ARRL Events** app to help attendees navigate the extensive Hamvention program, activities, and exhibits from their personal smartphone or tablet. The app is a collaborative effort between ARRL and Dayton Hamvention. Find exhibitors and booths, forum schedules, and affiliated events. Follow the hourly prize drawings from wherever you are. Attendees are also encouraged to tap on the “MyProfile” icon to optionally include their name and call sign, email address, and any other information they’d like to share with other attendees. The icon labeled “Scan Badge” will allow users to scan a QR Code displayed on a second device using the icon labeled “MyBadge” – instantly connecting your shared contact information with another ham. The ARRL Events app is available for both Apple and Android smart devices. A web-browser version is also available, which is optimized for nearly any type of personal computer or mobile device.



Travel Planning:

- www.greenecountyohio.org
- www.greenecountyfairgrounds.com
- www.daytoncvb.com

What is Amateur Radio (or “ham radio”): www.arrl.org/what-is-ham-radio

ARRL EXHIBIT & ACTIVITIES GUIDE

Download ARRL's new Hamvention Event App! (Coming Soon)

Find booths, exhibits, forums, maps, hourly prize drawings, and more. Available for Apple and Android mobile devices. Download on the Apple App Store and Google Play. It's never been easier to navigate Hamvention!

Welcome!

ARRL The National Association for Amateur Radio® welcomes all members and friends to Hamvention®. Use the following information to find ARRL-sponsored activities, exhibits and program representatives. ARRL's large exhibit area is located in "Tesla" Building 2.

- Rick Roderick, K5UR – ARRL President
- Dale Williams, WA8EFK – Great Lakes Division Director
- Scott Yonally, N8SY – Vice Director
- Tom Sly, WB8LCD – Ohio Section Manager

ARRL Store

Visit the HUGE ARRL store to join, renew or extend your ARRL membership, and get the latest publications, supplies, and official ARRL merchandise. ARRL Field Day is June 25-26, 2022. Gear up for ham radio's largest annual on-air events with official shirts, pins, hats, and more!

- FREE Gift when you join, renew, or extend your ARRL membership at the show.
- FREE 2022 ARRL Dayton Button!

ARRL BOOTHS

Radio Clubs. Take the Radio Club Health Check!

ARRL Development and ARRL Foundation. Raising resources to extend the reach of ARRL programs & services beyond membership dues.

ARES® – The ARRL Amateur Radio Emergency Service® – and featuring ARRL Ham Aid.

Meet the Authors. Meet ARRL authors and editors who are inspiring today's radio experimenters, operators and innovators. (see schedule in the ARRL exhibit area)

ARRL Collegiate Amateur Radio Initiative. We Want U to help advance ham radio among college and university students: www.arrl.org/WeWantU

ARRL Laboratory: Get Your Handheld Radio Tested!

ARRL Learning Center.

ARRL Teachers Institute. Meet ARRL Education & Technology Program Instructors and explore the resources available for introducing radio science and wireless technology to everyone! Find ways to make, discover, experiment, explore, and build.

ARRL Great Lakes Division – Visit this gathering area for ARRL Field Organization networking, hosted by the ARRL Great Lakes Division and feature these ARRL Sections: Ohio, Kentucky, and Michigan.

Radiosport and DXCC. DXCC Card Checking, ARRL Contests and Awards, The ARRL Logbook of the World (LoTW), and QSL Bureau.

ARRL VEC and ARRL Volunteer Monitor Program.

The International Amateur Radio Union (IARU) – Meet representatives from the IARU.

ARRL-sponsored Forums (see forum schedule)

A complete list of Hamvention forums can be found at hamvention.org

Friday May 20, 2022

Friday, 9:15 AM to 10:20 AM (Room 3)

2022 ARRL Field Day – Ready, Set, GO!

ARRL Field Day, ham radio's most popular on-the-air event, is June 25 – 26, 2022. Field Day is FUN whether you're participating from the great outdoors with your radio club, or from your home or backyard. It's also a terrific opportunity to practice your personal radio communications readiness, and to demonstrate amateur radio to the public. Hear from a panel of Field Day 'experts' who will cover the educational, operating, and public relations objectives of a successful and

FUN Field Day!

Panel:

- Bart Jahnke, W9JJ, ARRL Radiosport and Regulatory Information Manager: Rules recap and what's new.
- Bob Naumann, W5OV, ARRL Director of Operations: Operating tips.
- Scott Roberts, KK4ECR, ARRL Public Relations Committee Member: get a boost by promoting your Field Day activation.

Friday, 1:15 PM to 2:25 PM (Room 3)

ARRL Amateur Radio Emergency Service — ARES Forum

Presenter: Josh Johnston, KE5MHV, ARRL Director of Emergency Management

The Amateur Radio Emergency Service® (ARES®) consists of licensed amateurs who have volunteered their qualifications and equipment, with their local ARES leadership, for communications duty in the public service when disaster strikes. Come learn about opportunities to volunteer and train, and to hear stories about best-practices, the importance of building mutually beneficial relationships with local emergency management services, and the importance of our partnerships with served agencies. Sponsored by ARRL The National Association for Amateur Radio®.

Friday, 2:35 PM to 3:45 PM (Room 3)

Youth Outreach

Presenter: Steve Goodgame, K5ATA, ARRL Education and Learning Manager

Most recently, Steve had close to 60 middle and high school students earn their ham radio licenses, and several have upgraded. Now Steve leads ARRL's Education and Learning programs. Join us in exploring ways to attract and engage today's students to ham radio: through technology; learning about how-radios-work and building things; communicating through satellites and talking with astronauts; competing in contests and winning awards; developing skills, career networking, and making new friends. Who should attend this forum? Club representatives, teachers, young hams, and anyone who wants GROW amateur radio. Sponsored by ARRL The National Association for Amateur Radio® and contributors to the ARRL Education and Technology Fund.

Saturday May 21, 2022

Saturday, 12:00 PM to 1:20 PM (Room 3)

Good Operators and the ARRL Volunteer Monitor Program

Presenter: Riley Hollingsworth, K4ZDH, ARRL Volunteer Monitor Program Administrator

Amateur Radio has a long history of instructing the rules and regulations, and helping each operator stay within the lines. Hear from Riley Hollingsworth, K4ZDH, about his development of the ARRL Volunteer Monitor Program using guidelines provided by the FCC and his years of experience working in the FCC Enforcement Bureau. Riley will cover these topics: why it's important to help each other maintain high standards on the air, issuing "good operator" notices to recognize exemplary behavior, deterring poor operating practices, what triggers a "VM Advisory," and "Going Far Afield". Sponsored by ARRL The National Association for Amateur Radio®.

Saturday, 1:30 PM to 2:30 PM (Room 3)

ARRL Membership Forum

Moderator: Dale Williams, WA8EFK, ARRL Director — Great Lakes Division

Panelists: Rick Roderick, K5UR, ARRL President; David Minster, NA2AA, ARRL CEO

ARRL is the National Association for Amateur Radio® in the United States. What does it mean to be an ARRL member? For many of us, it's about participating in the hobby of a lifetime! We're developing and exploring the ever-growing field of ham radio interests and activities. And together, we are sharing our passion for ham radio with others. ARRL is also amateur radio's representative voice in regulatory and legislative matters – protecting amateur radio as a national and international resource. Member-volunteers are serving their communities, and training as emergency communicators through ARRL's Amateur Radio Emergency Service®. At this session, you'll hear from ARRL representatives on several key areas of membership interest. Find out how ARRL supports dozens of ways to get involved and get radio-active. Members and prospective members are all welcome!

Saturday, 4:00 PM to 5:00 PM (Room 3)

ARRL Collegiate Amateur Radio Forum

Moderators:

- Tony Milluzzi, KD8RTT, Advisor, ARRL Collegiate Amateur Radio Initiative
- Andy Milluzzi, KK4LWR, Advisor, ARRL Collegiate Amateur Radio Initiative
- Bob Inderbitzen, NQ1R, Staff Liaison, ARRL Collegiate Amateur Radio Initiative

Since the ARRL Collegiate Amateur Radio Initiative (CARI) was established in 2017, we've been growing our community of participating students and ham radio clubs at colleges and universities. CARI holds monthly Zoom meetups and make connections through our CARI Facebook group and Discord. Join us! We're (re)inspiring ham radio among our nation's colleges and universities, meeting other students, and developing career connections. Hear from students, alumni, and faculty. As a Dayton tradition, we often gather on Saturday evening for pizza nearby! The ARRL Collegiate Amateur Radio Initiative is sponsored in part by the W1YSM Snyder Family Collegiate Amateur Radio Endowment.

Sunday May 22, 2022

Sunday, 9:15 AM to 10:20 AM (Room 2)

Take the ARRL Radio Club Health Checkup

Presenter: Mike Walters, W8ZY, ARRL Field Services Manager

The Amateur Radio Service relies on having a core of vibrant, active, local radio clubs focused on mentoring, engagement, and outreach. Recent ARRL initiatives focus on developing and reinvigorating radio clubs. If your radio club is hungry for new ideas and looking for ways to engage newcomers – you won't want to miss this opportunity to take the ARRL Radio Club Health Checkup. You'll also hear about the new ARRL Foundation Club Grants program, funded by a grant from Amateur Radio Digital Communications (ARDC). Everyone is welcome (we won't tell your club officers!). Sponsored by ARRL The National Association for Amateur Radio®.

Sunday, 10:00 AM to 11:30 AM (Room 2)

How to Comply with the FCC RF Exposure Rules

Presenter: Ed Hare, W1RFI, ARRL Laboratory Manager

In May 2021, new FCC rules regarding exposure to RF energy went into effect. The limits haven't changed, but the ways that some amateur stations can determine whether they are exempt from evaluations are different. ARRL Lab Manager Ed Hare, W1RFI, will explain the rules, how to evaluate your station, and how to conduct your own evaluation using ARRL's RF exposure calculator at www.arrl.org/rf-exposure-calculator.

Presenter biography: Ed has worked at ARRL Headquarters since 1986, starting as ARRL's "Product Review" test engineer, then ARRL's "RFI guru" (notice his call sign!), and currently Laboratory Manager. His RFI articles have been published in QST and ARRL publications, including The ARRL Handbook, and have appeared in professional trade journals. He represents amateur radio with various industry groups including IEEE and ANSI standards committees. Sponsored by ARRL, the national association for Amateur Radio®.



SUNDAY May 22, 2022

Room 1	Room 2	Room 3	Room 4
Bicycle Mobile Hams Mike Nicholas 9:15-10:15	ARRL 9:15-10:20	Lightening and Grounding Jim Bachter WB8V5U 9:15-10:15	Alan Thompson W6WN 9:15-10:20
West Mountain Radio Sholto Fisher 10:30-11:30	ARRL 10:30-11:30	LF Techniques Eric Nichols KL7AJ 10:30-11:30	Saturn 10:30-11:30

Room 1					Room 2					Room 3					Room 4				
TAPR Scott Cowling WA2DFI 9:15-10:35					Remote Access to your Amateur Radio Station Michael Walker VA3MW 9:15-10:15					The ARRL Lab: 9:15-10:20					SHARES HF EMCOMM Ross Merlin WA2WDT 9:15-10:15				
10:15 AM																			
10:30 AM					Digital Mobile Radio John Birmingham W2XAB 10:25-11:25					Digital Contesting Ed Muns W0YK 10:30-11:45					Instructor's Forum Carole Perry WB2MGP 10:30-11:30				
10:45 AM																			
11:00 AM					ARRL Frank Bauer KA3HDO 10:45-11:50														
11:15 AM																			
11:30 AM																			
11:45 AM																			
12:00 PM					D-Star Robin Cutshaw AA4RC 11:35-1:00					Ballon SAT Bill Brown WB8ELK 11:55-1:05					Kit Building Joe Eisenberg K0NEB 11:45-12:50				
12:15 PM																			
12:30 PM					Homeland Security John Peterson 12:00-1:50														
12:45 PM																			
1:00 PM																			
1:15 PM																			
1:30 PM										ARRL 1:15-2:25					Techniques of Best Operators Mitch Stern W1SJ 1:00-2:15				
1:45 PM					National Weather Service Brandon Peloquin 1:10-2:30														
2:00 PM																			
2:15 PM																			
2:30 PM					Ham Radio and the Law Fred Hopengarten K1VR 2:40-3:45					ARRL 2:35-3:45					YLRL 2:30-3:45				
2:45 PM																			
3:00pm					Antenna Forum Tim Duffy K3LR 2:00-5:00										Summits on the Air Keith Schlottman KR7RK 3:55-5:00				
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Hamvention® Youth Speakers (from PCARS)

Carole, WB2MGP
Hamvention® Youth Forum



Carole Perry, WB2MGP has invited two of the fabulous Wagner family young hams to speak at her **Hamvention® Youth Forum** this May.



Carole reports that both PCARS members Benedict, AD8FQ, 13 years old, and Agnes, AD8IR, 12 years old will speak on:

"Unexpected Opportunities: Our Ham Radio Adventures During Lockdown."

Note that both Ben and Agnes hold an Amateur Extra Class license!

All PCARS members are invited to attend the Youth Forum to show support for these talented young hams.



Ronald J. Jakubowski, Treasurer

March 24, 2022

Portage County Amateur Radio Service, Inc.
705 Oakwood St. Box 12
Ravenna, OH 44266
treasurer@portcars.org

Thank you for your cash donation of \$325 to the Radio Club of America. Your donation will be used towards the efforts of Carole Perry to promote the education and interest of Youth in the science of radio.

The Radio Club of America has been given a 501(c)(3) designation by the IRS as a charitable organization and contributions may be tax deductible. No goods or services were provided to the donor in exchange for this gift.

Sincerely,


Treasurer

TopBand & Contest Dinners at Dayton 2022

Tim, K3LR

Dayton Top Band Dinner Chairman
Dayton Contest Dinner Chairman - 28 years



32nd Annual Dayton TopBand Dinner

Continuing the great Dayton Top Band dinner tradition that George, K8GG and George, W8UVZ started, I am proud to announce the 32nd Annual Dayton TopBand dinner. Dinner reservations are now available for 2022! Friday evening May 20, 2022 - 6:30 pm at the Hope Hotel.

<https://www.hopehotel.com/>

ARRL Member John Sluymer, VE3EJ, will be the Top Band Dinner speaker during Hamvention.

Top Band Social hour is at 6:00 PM and Dinner starts at 7:00 PM. Come and have dinner with the guys you work on 160 meters and enjoy great TopBand discussions. Dinner reservations are available on line with credit cards and PayPal. Thanks to Teri, K8MNJ for coordinating and organizing the 2022 TopBand Dinner. The 2022 Dayton TopBand Dinner details are here: <http://topbanddinner.com> Scroll down to make your reservations. We will pass the mic so everyone can introduce themselves. We will also have the exciting TopBand DXCC count down.

Four nights of great Top Band, DX and Contesting hospitality are also at the Hope Hotel Contest Super Suite. <http://contestsupersuite.com> If you enjoy having fun on the 160 meter band, the 32nd Annual Top Band Dinner is for you! Hope to see you at the 2022 Dayton TopBand Dinner

The 28th Annual Dayton Contest Dinner

The North Coast Contesters are proud to announce the 28th Annual Dayton Contest Dinner at the Hope Hotel - Wright Patterson Air Force Base, Ohio <https://www.hopehotel.com/>

ARRL Member Joe Rudi, NK7U, will be Contest Dinner speaker. Read about NK7U's contest operations (<http://nk7u.com/>). The Contest Dinner will take place on Saturday evening, May 21, 6:30 PM.

2022 Contest Dinner tickets are on sale now exclusively via our web site. HUGE thanks to Scott, KA9FOX and QTH.com for designing, building, donating and running the Contest Dinner web site.

<http://contestdinner.com>

Master of Ceremonies for the 2022 Dayton Contest Dinner is Contest Hall of Fame member and CQ World Wide Contest Director, John Dorr, K1AR. Thanks to Teri, K8MNJ for coordinating and organizing the 2022 Contest Dinner.

The 2022 Contest Hall of Fame inductees will be announced during the 2022 Dayton Contest Dinner. Thanks to Icom America and DX Engineering - the MAIN prize is an Icom IC-7610. Seating is random. Tables are set in rounds of 10. You can purchase an entire table for your group (purchased group tables are set for round 10). Full Table purchases are reserved seating. Tickets are only available on <http://contestdinner.com>
There are no tickets for sale at the door.

Field Day 2022



Tony, WA8AR
Field Day Chairman



FIELD DAY JUNE 25 AND 26

Field Day is back, and will be held June 25/26!! Field Day is, without a doubt, the largest operating event for PCARS every year. Traditionally for PCARS, Field Day has also been a major social event; this year elements of our social gathering will return, with limited COVID safety protocols.

THE PCARS DINNER WILL RETURN this year, unless an unanticipated COVID flare up causes safety concerns. Stay tuned for QST announcements with details regarding dinner plans.

Note that each Station will have their own safety rules, designed to suit the physical layout of their individual station.

We will continue to concentrate our efforts on practicing our emergency operating skills while competing with other clubs. Our goal is be #1 in the US in our operating class (Class 4A). We came very close to achieving that goal back in 2021 We can do it this year! We are refining our operating strategy this year to maximize operating efficiency in order to bolster our score.

There will be plenty of opportunities for club members to operate or log during FD and/or to volunteer to help set stations (antennas) before FD and tear everything back down when it is all over. We will be returning to the Freedom Township Park again this year as our Field Day operating base.

During the next few weeks, station Captains for 40 meter phone; 20 meter phone; Flex Station (phone, digital, CW); dedicated CW station; VHF station, and GOTA station will be putting out requests for operators/loggers to fill their operating schedules. See the PCARS website, or QST announcements from Station Captains looking to fill their schedules. In addition we will be looking for volunteers to help setup and tear down (these tasks are critical for Field Day operations, please volunteer). Whether you want to operate in the biggest Ham Radio annual contest or help erect antennas for 5 stations (in less than 2 hours) this will be a great experience for everyone who participates. We can't do it without YOU!! Stay tuned for much more information and requests for help over the next few weeks.

Jim, AC8NT, will have a 10m Get-On-The-Air (GOTA) Station set up for Technicians and even the not yet licensed people wishing to try their hand at operating a Ham Radio Station on Field Day. Stay tuned for QST announcements about the GOTA Station.

Remember that, first and foremost, Field Day is a national simulated emergency communications drill. What we will do on June 25/26 simulates what we would NEED to do in the event of a major local or national disaster. The FCC and Homeland Security already recognize the fact that when all other communications systems get knocked out, Amateur Radio could be the last communications network still operational.

Note that all of the rules governing ARRL Field Day can be found on the ARRL website.

Field Day 22 - CW Station



George, K3GP
CW Station Captain



FIELD DAY JUNE 25 AND 26

STILL SEEKING: CW OPERATORS

We are still seeking volunteer CW operators for field day - additional operators could allow us to reduce shift durations.

Below is the preliminary field day operating schedule for the CW position.

If your assigned time slot is unsatisfactory - Please let me know what time slot you prefer so that we can adjust accordingly.

To sign up, see me at the upcoming club meeting or send me an email to: rttyfan@gmail.com

Additional CW operators are more than welcome, I will adjust the operator schedule and durations accordingly. email me at rttyfan@gmail.com	DAY	TIME	OPERATOR
	SAT 25 JUN	1400 - 1600	K3GP
	SAT 25 JUN	1600 - 1800	
	SAT 25 JUN	1800 - 2100	N8NB
	SAT 25 JUN	2100 - 0000	ND8L
	SUN 25 JUN	0000 - 0300	K8RR
	SUN 26 JUN	0300 - 0600	
	SUN 26 JUN	0600 - 0900	K8FF
	SUN 26 JUN	0900 - 1200	WB9LBI
	SUN 26 JUN	1200 - 1300	K3GP
	SUN 26 JUN	1300 - 1400	N8QE

CW will coordinate with FLEX to insure that both are not on the same band at the same time.

Field Day 22 - Flex Station



Rick, K8CAV
Flex Station Captain



FIELD DAY JUNE 25 AND 26

Believe it or not, PCARS Field Day is only a few weeks away and there's lots to do between now and then. At the Flex Station there are still five open time slots that need to have operators volunteer for. As a reminder, Flex is band and mode agile with a few exceptions, so whether you enjoy phone, CW, or digital, there's a place for you! Experience with the new sunspot cycle so far this year indicates the higher HF bands will likely be open so that's one more thing we have going this year at Flex.

Here is some information regarding Flex you may find useful.

- Objective is to have volunteers fully staff time slots by the beginning of June

- A training session on N3FJP logging, and optimizing digital operations to take place during the Digital Special Interest Group meeting on Tuesday June 7th. Also at that meeting we'll do a familiarization with the Flex Station layout and procedures.
- Establish a team to assist with Flex Station setup Saturday morning, and tear down Sunday afternoon.
- Increase total digital QSO's this year to 750

If you would like to volunteer with operating, setup, or tear down, please let me know by email at k8cav.coms@gmail.com.

DAY	TIME	MODE	OPERATOR	LOGGER
SAT 25 JUN	14:00 - 16:00	10M, 15M PH or DIG; 20M DIG *	Jim AC8NT	JC KC8JC
SAT 25 JUN	16:00 - 18:00	10M, 15M PH or DIG; 20M DIG *	Bob N8QE	
SAT 25 JUN	18:00 - 20:00	80M PH, CW, or DIG		
SAT 25 JUN	20:00 - 22:00	80M PH, CW, or DIG		
SAT 25 JUN	22:00 - 00:00	80M PH, CW, or DIG		
SUN 26 JUN	00:00 - 02:00	80M PH, CW, or DIG		
SUN 26 JUN	02:00 - 04:00	80M PH, CW, or DIG		
SUN 26 JUN	04:00 - 06:00	80M PH, CW, or DIG	Rick KD8WCK	Mara KE8KBJ
SUN 26 JUN	06:00 - 08:00	80M PH, CW, or DIG	Gene W8NET	John KE8MXR
SUN 26 JUN	08:00 - 10:00	10M, 15M PH or DIG; 20M DIG *	Bob N8QE	
SUN 26 JUN	10:00 - 12:00	10M, 15M PH or DIG; 20M DIG *	Brandon KE8ARB	
SUN 26 JUN	12:00 - 14:00	10M, 15M PH or DIG; 20M DIG *	Ben AD8FQ and Agnes AD8IR	

FLEX and CW to cooperate on 20M and 40M so both are not on the same band at the same time; CW has band priority on 20M and 40M; FLEX has band priority on 80M

* If 10M and/or 15M is open make QSO's using PH, CW, or DIG, otherwise use the 20M or 40M band DIG as indicated for that time slot.

Field Day 22 - 20 Meter Station



Mike, N8WCP
20 Meter Station Captain

FIELD DAY JUNE 25 AND 26



Calling all Ops! We still have three open slots to fill, come out and enjoy some fresh air and help make Field Day successful for PCARS! We'll be operating phone during the day and FT4, FT8, or CW during the night. The use of digital and/or CW at night should keep the contacts rolling. If you're interested in participating in the 20M station, send me an email at vicepresident@portcars.org.

<p>Our goal is max contacts and to help with that we're going to be operating phone during the day and FT4, FT8, or CW during the night. The use of digital and/or CW at night should keep the contacts rolling.</p>	DAY	TIME	OPERATOR
	SAT 25 JUN	14:00 - 16:00	Mike - N8WCP
	SAT 25 JUN	16:00 - 18:00	Tim - W8GPN
	SAT 25 JUN	18:00 - 20:00	Bob - N8QE
	SAT 25 JUN	20:00 - 22:00	Ben - AD8FQ, Agnes - AD8IR
	SAT 25 JUN	22:00 - 00:00	Greg - KA8TOA
	SUN 26 JUN	00:00 - 02:00	Greg - KA8TOA
	SUN 26 JUN	02:00 - 04:00	Joe - W8KNO
	SUN 26 JUN	04:00 - 06:00	
	SUN 26 JUN	06:00 - 08:00	
	SUN 26 JUN	08:00 - 10:00	Brandon - KE8ARB
	SUN 26 JUN	10:00 - 12:00	Bob - N8QE
	SUN 26 JUN	12:00 - 14:00	

Field Day 22 - VHF Station



Mike, KB8TUY
VHF Station Captain



If you would like to be on "Stand By" – let me know what times you would be at the Field Day site and willing to be on call. If you would be willing to operate or log, PLEASE! Let me know what time slots you would be willing to be an operator or logger. Email me at: kb8tuy@gmail.com

DAY	TIME	OPERATOR	LOGGER
SAT 25 JUN	1400 - 1800		
SAT 25 JUN	1800 - 2200		
SAT 25 JUN	2200 - 0000		
SUN 26 JUN	0000 - 0400		
SUN 26 JUN	0400 - 0800		
SUN 26 JUN	0800 - 1200		
SUN 26 JUN	1200 - 1400		

Field Day 22 - 40 Meter Station



Ed, K8IV
40 Meter Station Captain



FIELD DAY JUNE 25 AND 26

Field Day is but three short months away. Over the past several years, PCARS has managed to improve our standings and last year achieved second place in the 4A classification! We will need a significant effort to pass the first place team, including a strong 40 meter effort.

I'm looking for operators to keep the 40 meter station active for the entire twenty four hour period. Once again the operation will be in an air conditioned trailer protected from the outside elements.

Please consider signing up for 40 meter station at an upcoming club meeting or by email to: EP.K8IV@gmail.com.

Additional standby operators are more than welcome, I will adjust the operator schedule and durations accordingly. Email me at EP.K8IV@gmail.com

DAY	TIME	OPERATOR
SAT 25 JUN	1400 - 1600	Ray ND8L
SAT 25 JUN	1600 - 1800	Mel K8KSU
SAT 25 JUN	1800 - 2000	Ray KD8DFL
SAT 25 JUN	2000 - 2200	John N8GIE
SAT 25 JUN	2200 - 0000	Jack N8BI
SUN 26 JUN	0000 - 0200	Ed K8IV
SUN 26 JUN	0200 - 0400	Mel K8KSU
SUN 26 JUN	0400 - 0600	Ray KD8DFL
SUN 26 JUN	0600 - 0800	John N8GIE
SUN 26 JUN	0800 - 1000	Chuck W8PT
SUN 26 JUN	1000 - 1200	Ed K8IV
SUN 26 JUN	1200 - 1400	Ray KD8DFL

PCARS VE Testing Information & News

Tom, KB8UUZ
PCARS VE Team Liaison



Due to the COVID 19 concerns, PCARS had shut down in-person VE testing to ensure the safety of our VE team members and the applicants that wanted to take a test for their new amateur radio license or to upgrade. **We will have a VE Test Session June 4th at the club site starting at 10 am.** Masks are encouraged.

***** Check the website for the latest information *****

If you have any questions, don't hesitate to contact me at KB8UUZ@gmail.com. On behalf of the VE team at PCARS, we all look forward to seeing you at the PCARS club site in Ravenna so you can take your license test. Face masks are not State/County mandated at this time, but you are always welcome to wear one.

PCARS VE sessions are scheduled for **10:00 am** on the first Saturday of every even numbered month at the PCARS club site in Ravenna.

June 4th, August 6th, October 1st, December 3rd

WALK-INS will be accepted.

- **You must have your FRN prior to taking an exam** - No SSNs will be used on the Form 605 anymore.
- If you are sick, have a cough, a high temperature or have been exposed to COVID-19 or someone that has been infected - please, *do not* come to the club site. *Use of masks is still encouraged.*
- No food or snacks allowed.
- \$15.00 Fee Payment will only be by check or exact change. We cannot make change
- If paying by check, make check out to: "ARRL-VEC" The VE Fee is \$15.00
- Ensure you have the following:
 - A picture ID such as a valid Driver's License, State ID, School ID, or US Passport.
 - If you are under 16 years of age, a parent or guardian must be able to vouch for you and you need a copy of your birth certificate (you do not have to give us a copy, we just have to see and verify).
 - **FCC is requiring you have your e-mail address on the Form 605.**
 - **If you are taking a Technician test you must have your FRN number** (you can apply for an FRN on the FCC website). For hams having a license, your FRN is printed on your license.
 - **If you are upgrading to General or Extra - You MUST bring your original valid amateur radio license and a copy of your valid amateur radio license to turn in with your Form 605.**
 - Bring your own pencils and pens.
 - Calculators are okay to use (if you need one) as long as the memories are cleared.
 - NO cell Phones allowed



Any questions? Contact KB8UUZ@gmail.com

Additional Information - What to Bring to the Testing Session

- If you've already passed a test: The original (and one copy) of any document that you will use to prove you've already passed a test element.

These documents may include:

- An unexpired Certificate of Successful Completion of Exam (CSCE) indicating the credit(s) earned.
- Original and copy of a pre-March 21, 1987 Technician license (this provides credit for the Element 3 [General] exam) - you **must** be currently licensed to get this credit.

Expired License? Original and a copy of your expired Amateur Radio License - you must take and pass Element number 2 to re-instate your license.

ARE YOU GOING FOR YOUR TECHNICIAN LICENSE? READ THIS IMPORTANT INFORMATION

First-Time Exam Applicants **MUST** Obtain FCC Registration Number **BEFORE** Taking Exam

As of **May 20, 2021**, all amateur examination applicants are **required** to provide an FCC Registration Number (FRN) to the Volunteer Examiners (VEs) **BEFORE** taking an amateur exam. This is necessary due to changes the FCC has made to its licensing system. Applicants will create an FCC username and account, respond to the verification email from FCC, and then register for the FRN. Register on the FCC's Commission Registration System (CORES): <https://apps.fcc.gov/core/>

Social Security Numbers are ***NO LONGER ACCEPTED*** at Exam Sessions

Amateur candidates who already have an FCC license, whether for amateur radio or in another service, already have an FRN and can use the same number - it is printed on your current license. All prospective new FCC licensees, however, will be required to obtain an FRN **before** the examination and provide that number to the volunteer examiners on the Form 605 license application. An FCC instructional video (<https://www.fcc.gov/rofrn>) provides step-by-step instructions on how to obtain an FRN through the FCC's CORES system. The FRN is required for all new applicants to take an amateur exam and is used afterward by the applicant to download the license document from the FCC Universal Licensing System (ULS) (<https://www.fcc.gov/wireless/universal-licensing-system>), upgrade the license, apply for a vanity call sign, and to submit administrative updates (such as address and email changes) and renewal applications.



Email Addresses **REQUIRED**

As of **June 29, 2021** all applications will be required to contain an email address for FCC correspondence. Applicants will receive an email direct from the FCC with a link to the official electronic copy of their license whenever a license is issued or changed. ARRL VEC suggests that those without access to email to use the email address of a family member or friend. Licensees will be able to log in to the ULS using their FRN and password to download the latest version of their license at any time. The FCC no longer provides paper license documents.

New FCC \$35 Amateur Application Fee - Effective as of **April 19, 2022**

March 23, 2022 - The FCC released a [Public Notice](#) stating that the amateur radio application fees, including those associated with Form 605 application filings, would become **effective on April 19, 2022**. The Federal Communications Commission's authority to impose and collect fees is mandated by Congress.

April 4, 2022 - The Federal Communications Commission (FCC) staff has clarified in response to an ARRL request that the new \$35 application fee will **not apply** to most license modifications, including those to **upgrade an amateur radio licensee's operator class and changes to club station trustees**. The FCC staff explained that the new fees will apply only to applications for a new license, renewal, rule waiver, or a new vanity call sign. As previously announced, the new fees take effect on April 19, 2022.

"We are pleased that the FCC will not charge licensees the FCC application fee for license upgrade applications," said ARRL Volunteer Examiner Coordinator (VEC) Manager Maria Somma, AB1FM. "While applicants for a new license will need to pay the \$35 FCC application fee, there will be no FCC charge for future upgrades and administrative updates, such as a change of mailing or email address. Most current licensees, therefore, will not be charged the new FCC application fee until they renew their license or apply for a new vanity call sign."

VECs and Volunteer Examiner (VE) teams will not have to collect the \$35 fee at exam sessions. Once the FCC application fee takes effect, new and upgrade **applicants** will pay the \$15 exam session fee to the ARRL VE team as usual and pay the \$35 application fee directly to the FCC by using the CORES FRN Registration system ([CORES - Login](#)). VEC and VE team licensing procedures will not change.

When the FCC receives the examination information from the VEC, it will email a link with payment instructions to each successful candidate. The candidate will have **10 calendar days**, from the date of the application file number being issued, to pay. After the fee is paid, and the FCC has processed an application, examinees will receive a second email from the FCC with a link to their official license. The link will be good for 30 days.

Per usual procedures, examinees that pass multiple exams at one session, will have one application transmitted to the FCC reflecting the highest level license class earned. Again, our procedures will not change. The candidates will have an extra step before

the license is issued. VE teams can point candidates to our FCC Application Fee webpage www.arrl.org/fcc-application-fee. Our new ARRL VEC CSCEs also include information about the application fee and points candidates to the webpage.

Additionally, the FCC stated that applications processed and dismissed will not be entitled to a refund. This includes vanity requests where the applicant does not receive the requested call sign. However, returned applications that are missing information will not require an additional fee, if the missing information is given to the FCC within the proper amount of time.

Youth Licensing Grant Program

The ARRL Youth Licensing Grant Program, in effect since April 19, 2022, will cover the one-time \$35 application fee for new amateur radio license candidates younger than 18 years old for tests administered under the ARRL Volunteer Examiner Coordinator (VEC) program. "We are thrilled that we are able to provide this opportunity to our youth candidates," said ARRL VEC Manager Maria Somma, AB1FM.

The \$35 Federal Communications Commission (FCC) application fee will be reimbursed after the ARRL VEC receives the completed reimbursement form and after the new license has been issued. The reimbursement check will be mailed to the fee payer. Also, candidates younger than 18 years old would pay a reduced exam session fee of \$5 to the ARRL VEC team at the time of the exam. The \$5 fee is for all candidates under the age of 18, regardless of the exam level taken. Proof of under 18 status is required at the session.

The ARRL Board approved the Youth Licensing Grant Program at its July 2021 meeting in Hartford, Connecticut, expanding on the scope of the original motion proposed by ARRL Southeastern Division Director Mickey Baker, N4MB.

The Board believes the recruitment and training of young amateur radio operators is a necessary and proper mission of the ARRL and subsidization of the \$35 fee will reduce the number of new amateurs that would otherwise be lost from these groups. Initially the new program would serve up to 1,000 new license applicants under 18 years old. The program length is indefinite; it may be renewed or terminated by the Administration and Finance Committee or by the Board of Directors.

Visit the ARRL website for the program instructions and reimbursement form at www.arrl.org/youth-licensing-grant-program.



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ARRL VEC Application Fees webpage: <http://www.arrl.org/fcc-application-fee>

ARRL News Story: <http://www.arrl.org/news/new-amateur-radio-license-applications-fee-to-become-effective-april-19-2022>

FCC CORES Video Tutorials: <https://www.fcc.gov/licensing-databases/fcc-registration-system-cores/commission-registration-system-video-tutorials>

FCC Registration Help: <https://apps.fcc.gov/cores/publicHome.do?help=true>

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New Technician Question Pool Released, Effective July 1, 2022

The National Conference of Volunteer Examiner Coordinators (**NCVEC**) Question Pool Committee (**QPC**) has released the **2022 – 2026 Technician Class FCC Element 2 NCVEC Question Pool Syllabus & Question Pool** into the public domain. It's available as a *Word* document or PDF. The three graphics required for the new Technician question pool are available within the documents, or separately as PDF or JPG files.

The new pool incorporates some significant changes compared to the 2018 – 2022 pool. Its 257 questions were modified slightly to improve wording or to replace distracters; 51 new questions were generated, and 62 questions were eliminated. This resulted in a reduction of 11 questions, bringing the total number of questions in the pool from 423 to 412. The difficulty level of the questions is now more balanced, and the techniques and practices addressed have been updated.

The new 2022 – 2026 question pool is effective July 1, 2022 – June 30, 2026, and *must* be used for Technician-class license exams administered on or after July 1, 2022. — ***Thanks to NCVEC Question Pool Committee***

ARRL Youth Licensing Grant Program Information

Beginning April 19, 2022, ARRL will cover the one-time \$35 application fee for new license candidates younger than 18-years old for tests administered under the ARRL Volunteer Examiner Coordinator (ARRL VEC) program. The \$35 FCC application fee will be reimbursed after the ARRL VEC receives the completed reimbursement form and the new license has been issued by the FCC. The reimbursement check will be mailed to the fee payer. Also, candidates younger than 18-years old would pay a reduced exam session fee of \$5 to the ARRL VEC VE team at the time of the exam. The \$5 fee is for all candidates under the age of 18 regardless of the exam level taken. Proof of under 18 status is required at the session (what to bring to an exam session).

ARRL VE Team Instructions and Information

Candidates younger than 18-years old will pay a reduced exam session fee of \$5 to the ARRL VEC VE team when taking an exam. Proper identification must be presented to and verified by the team, per the procedures for all exam candidates (what to bring to an exam session). The \$5 fee is for all candidates under the age of 18 regardless of the exam level taken.

Additionally, ARRL will cover the one-time \$35 application fee for new license candidates younger than 18-years old for tests administered under the ARRL VEC. The \$35 FCC application fee will be reimbursed after the ARRL receives the completed grant reimbursement form and the new license has been issued by the FCC. The reimbursement check will be mailed to the fee payer listed on the form.

The completed grant reimbursement form can be faxed (860-594-0339) or emailed to the ARRL VEC department by the candidate.

Visit the ARRL's FCC application fees webpage for additional instructions and information about the \$35 FCC fee.

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What to Bring to an ARRL Exam Session:

MANDATORY BEFORE THE EXAM - FCC Registration Number (FRN): Examinees are required by the FCC to submit your FRN with your license application form. New license applicants must create an FCC user account and register their Social Security Number (SSN) in the FCC Commission Registration System (CORES) before attending exam sessions. Registrants will be assigned an FRN which will be used in all license transactions with the FCC. For instructions on how to register your SSN and receive an FRN from the FCC, visit the CORES Registration page and the FCC's Registration instructions page. Per FCC rules, a valid email address is also mandatory on the application form to receive FCC correspondence, including the official copy of your Amateur Radio license.

One legal photo ID (identification):

- State Driver's License
- Government issued Passport
- Military or Law Enforcement Officer Photo ID card
- Student School Photo ID card
- State Photo ID card

If no photo ID is available, two forms of identification:

- Non-photo State ID card (some states still have them)
- Birth certificate (must have the appropriate seal)
- Social security card
- Employer's wage statement or Minor's work permit
- School ID card

- School or Public Library card
- Utility bill, bank statement or other business correspondence that specifically names the person; or a postmarked envelope addressed to the person at his or her current mailing address as it appears on the Form 605.

Students/minors without a photo ID need to bring only one of the above items if a legal guardian presents their photo ID; otherwise two non-photo IDs are required. ARRL will cover the one-time FCC application fee for new license candidates younger than 18-years old for tests administered under the ARRL VEC program. Candidates younger than 18-years old would pay a reduced exam session fee of \$5 to the ARRL VEC VE team at the time of the exam.

Visit the Youth Licensing Grant Program webpage for more information and for the reimbursement instructions. Minor children (under the age of 18) may be accompanied in the room by an adult during the test.

- If applicable, bring a printed copy of your Amateur Radio license or be able to show proof of the license in the official FCC database. Acceptable copies or printouts of licenses are available from the following sources: the official license or reference license printed from the FCC website or license data printed from the ARRL website or QRZ website.
- The original(s) and photocopy(s) of any Certificates of Successful Completion of Examination (CSCE) you may hold from previous exam sessions. If your license has already been issued by the FCC, the CSCE showing license credit is not needed.
- The candidate is required to show proof of the current license to the team but the team is no longer required to submit the proof to the VEC. Expired license proof must be submitted to the team and to the VEC for processing to FCC. These photocopies will not be returned. Instructions on how to obtain an official FCC license copy are on our Obtain License Copy web page.
- Two number two pencils with erasers and a pen for in-person sessions.
- A calculator with the memory erased and formulas cleared is allowed. You may not bring any written notes or calculations into the exam session. Slide rules and logarithmic tables are acceptable, as long as they're free of notes and formulas. Cell phone must be silenced or turned off during the exam session and the phones' calculator function may not be used. In addition, iPhones, iPads, Androids, smartphones, Blackberry devices and all similar electronic devices with a calculator capability, may NOT be used.
- Bring a check, a money order or cash to cover the exam session fee(s). Check the ARRL VEC's current exam fees.

Be aware that some information about you will be made publicly available on the FCC's website (FCC Licensee Privacy) including a felony conviction status. All applicants must answer the Basic Qualification Question (felony conviction status question) on the 605 Form at the exam session. Applicants that answer "YES" for the question must follow these FCC procedures: FCC qualification question instructions

PCARS

ARRL Volunteer Examiners:
serving the Amateur Radio
community

First Saturdays 10:00 am
at the club site in Ravenna

February, April, June, August,
October, December



Worked All Ohio with POTA

John, WG8X

On the road with WG8X

Periodically, I try to get away for a weekend road trip. Since January, my direction of choice has been South; perhaps some part of me is hoping to find some warm weather. I've been trying to knock some parks off of my state park activation list. But, in doing so, I (along with a lot of others) have also been helping out Fred, KW4FM.



At the time I met Fred, he was trying to work a POTA station in each of the parks in Delaware. He's a retired truck driver who lives in the Roanoke, VA area.

Once Fred succeeded with working all of Delaware, Ohio was next on his radar. And, he was getting close, real close. Only 5 parks were on his list. Then came last August, When POTA added over a 130 references to the Ohio list. This moved the finish line quite a bit.

As of today, there are 272 POTA references (a reference can be a national scenic trail, or a State Forest, State Park, nature preserve, wildlife area, or etc.) in Ohio. Fred has worked 249 of them. He's been sharing his need list on social media, which helps a lot.

There are a lot of us in this part of the country who define a local park as anything that's within an hours drive of home. Sometimes, all we need is a good reason. Fred's list provides that. It's not unusual for us consult the "Fred List" before we take off for a park activation. With 23 left to go, it won't be long before he achieves his goal of working them all. I believe that Georgia is next.

Fred also has helped me immensely. When I'm heading to a park, and am unable to hit the spotting network due to poor cell signal, I can usually count on Fred to find and spot me to the POTA network. He's just one of the great folks I've met via POTA.

73 DE WG8X



PCARS K8BF
The Club that puts the FUN in Ham Radio!

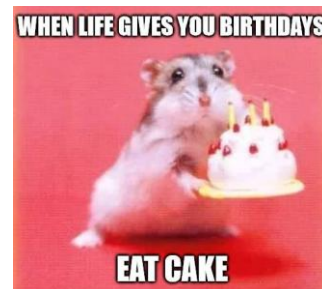


Happy Birthday PCARS Members

PCARS members having their birthday in **May**:

Brian Glasscock	
Jordan Crabtree	KE8MKY
William Seckel	WD8KGH
Paul Wheeler	W8PJW
Melanie Hardman	K8KSU
Ken Hall	WA8LRW

Doug Mansor	WA8UWV
Joe Carron	K8HTB
Lloyd Brink	WA8YFL
Wes Ferrell	N8NYM
Frank Tompkins	W8EZT



YDXA Trip for 2022 is a "GO" !

YDXA Trip for 2022 is happening!

The Dave Kalter Memorial YDXA is a DX Adventure group that was formed in 2008 for taking young hams (and a parent) to a DX location to be the DX for several days. In the past we have been to Costa Rica TI5N, Curacao PJ2T, and Saba Island PJ6Y. Our mission each year is forming a team of youth between the ages of 12 to 17 (flexible) to travel outside the United States to operate as DX and to gain international travel experience and education. The group relies heavily on donations from Clubs, individuals, and organizations to help fund this effort. There is no cost to the youth and parent as we raise money through a raffle and the generosity of the amateur community.

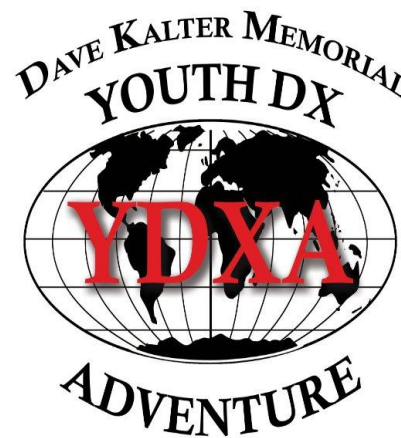
This year (2022) we will be going to Curacao PJ2T and we have our team of 3 youth selected and ready for a great adventure.

The group owns their own equipment but travel, lodging and food costs are increasing. Our budget normally runs about \$2500.00 per person and we have teams of 8-12. We do not divulge any amounts of donations and we do not have levels for our contributors. We do put your logo on our Website and our QSL cards. Please visit our website at www.qsl.net/n6jrl for instructions on mailing your donations.

We will have a booth at the 2022 Hamvention. Icom will be donating a radio such as the IC-705 that we will raffle off at the show. Please stop by and purchase a ticket for the Icom Radio. Thank you and we hope to see you in the log.

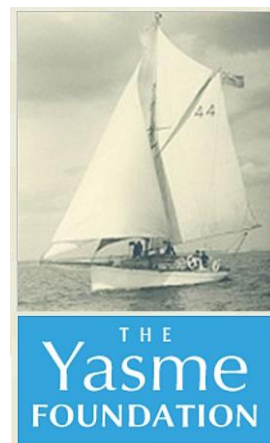
Best 73,

Don N6JRL, Jim AB8YK, Ron N8VAR



Yasme Foundation Excellence Awards

The **Yasme Excellence Award** is presented to individuals and groups who, through their own service, creativity, effort and dedication, have made a significant contribution to amateur radio. The contribution may be in recognition of technical, operating or organizational achievement, as all three are necessary for amateur radio to grow and prosper. The Yasme Excellence Award is in the form of a cash grant and an individually-engraved crystal globe.



The Board of Directors of The Yasme Foundation is pleased to announce the latest recipients of the Yasme Excellence Award:

Dan Marler, K7REX -- When the COVID pandemic led to cessation of in-person meetings, training sessions and gatherings, Dan converted a small limited- membership Zoom platform to the open presentation forum known as RATPAC. In the subsequent two years, RATPAC has hosted over two hundred online presentations that have been viewed by thousands of radio amateurs. Among the wide-ranging topics, half focus on public-service communications, while the rest address technical, operating, scientific and general-interest topics offered by a host of presenters. The recordings of these sessions are available for public viewing and constitute a valuable resource for the amateur radio community.



Dr. Gordon Gibby, KX4Z -- Gordon is a retired emergency-room physician turned high school science teacher who demonstrates how amateur radio can benefit our communities in a wide variety of ways. As an ARES leader in Northern Florida, Gordon promotes and teaches all aspects of preparedness for disasters, from planning and exercises to building and repairing communication hardware to understanding official responders' needs, methods and organization. He advocates cognizance of the amateur's role and its limits, building trust and relationships, and constantly improving our individual skills. He is known around the country for his informative and carefully thought out responses to the many questions from other amateurs seeking to improve their local disaster-response capabilities.



The Yasme Foundation is a not-for-profit corporation organized to support scientific and educational projects related to amateur radio, including DXing (long distance communication) and the introduction and promotion of amateur radio in developing countries. For additional information about The Yasme Foundation, visit our website at www.yasme.org.

Ward Silver, N0AX

President Of The Yasme Foundation

Yasme Board of Directors: Ward Silver, N0AX, President and Director Ken Claerbout, K4ZW, Vice-President, Secretary and Director Rusty Epps, W6OAT, Treasurer and Director
Hans Blondeel Timmerman, PB2T, Director Marti Laine, OH2BH, Director Fred Laun, K3ZO, Director
Robert Vallio, W6RGG, Director Marty Woll, N6VI, Director James Brooks, 9V1YC, Director



FOR SALE: ICOM IC-208H 50W Mobile FM transceiver 2m/440 dual band with Larsen trunk lip mount antenna, \$200.

ICOM IC-91A HT 5W 2m/440 dual band, \$150. **YAESU VX-150 HT** 5W 2m with extra battery pack, \$80.

BUDDIPOLE portable antenna system: 8' tripod/mast, standard and long whips, complete set with carry bag and 2-25' coax feed cables, rotating arm kit and switching balun, like new, used twice, \$200.

Contact info on PCARS roster, Bob NT8K [8/02/22]

FOR SALE: Elecraft KX2F QRP Transceiver, including all these accessories, MH-3 Microphone, KXAT2-F Internal 10:1 Auto Tuner, KXBT2 Battery Pack, KXBC2 Battery Charger, KXIO2-F KX2 IO Time Module, ES60 Large Travel Bag for KX2, KX2 Ground Plug, KX2ACBL Accessory Cable, KX2 Book by Fred Cady, AXB-1 Bipod, AX-1 Whip, AXT-1 Tripod Adapter, AXE-1 40 Meter Extender, MFJ-1899T 80-10 Meter Antenna, Alex Microphone / Speaker with 5volt charger, Nifty Desk Stand, DX ENG 25 Foot RG-8X Cable / BNC's, Misc ground radial wires and adapters, Maxpedition range bag that holds all the gear. Price: \$1500 a savings of \$700 compared to buying new and 18 week wait!

Contact: Jeff Covelli, WA8SAJ by phone at: 440-951-6406 [8/02/22]

FOR SALE: Murch Electronics UT-2000A HF Antenna Tuner 2000 Watts, PEP 3.5-30 MHz, Cleaning out the Shack. Bought this several years ago and never did anything with it. I have a copy, from the internet, of the manual and schematic that will be included. Sold as is. No returns. Asking \$325 plus shipping. **Autotek Ltd. DU-500 Duplexer**, VHF/UHF INDOOR DUPLEXER, DU-500UF SO-239 JACK TO 2xSO-239 JACKS, DU-500UM SO-239 JACK TO 2xPL-259 PLUGSm, DU-500NF SO-239 , JACK TO 2xN-JACKS, Aluminum diecasting box. Freq Bandwidth: 1.3-225MHz(VHF) /350 - 540MHz(UHF) - 500W(1.3-35MHz); 300W(50-540MHz). Used and in great condition. Sold as is. No returns. Asking \$40 plus shipping. Both can be shipped to lower 48. Shipped via UPS. (Reasonable offers will be considered) Cannot ship to PO Box. Payment accepted via venmo, zelle or paypal. (Preferred venmo or zelle)

Contact: Bob, W8RID via email: w8rid@arrl.net [8/02/22]

Rick Tenan Estate Items FOR SALE.

Complete Drake "B-Line" station in museum quality condition: R4B Receiver, T4XB Transmitter with custom cover, MS-4 Speaker and Cabinet with custom cover, MN-2000 Tuner with custom cover, AC-4 Power Supply and connecting cables, Drake W4 wattmeter, Shure 444 Microphone, Items were serviced and brought up to top operating condition by Jeff Covelli. \$1080 price for the **complete set**. Separate items are not for sale. Most manuals included. Yaesu FT-990 HF Transceiver in excellent condition. MD-1 mic and manual included. \$675 - Kenwood TS-820 HF Transceiver in excellent condition with manual. VFO-820, SP-820 and MC-50 mic and connecting cables included. \$ 585 - Heathkit HX-30 6 meter transmitter and HA-20 Amplifier in average condition. Includes Comair LM-6N2C 6 and 2 meter manual tuner in fair condition. \$400. - Heathkit HO-10 Monitor Scope in good condition. \$ 45. - Astron RS-50M DC power supply in excellent condition. \$250. - Allied-Radio Shack AX-190 HF ham band receiver in very good condition. \$100 - Siltronics (SWAN) FS-301 SWR meter with 1000w and 20w scales in good condition. \$45 - Radio Shack Pro-2044 Scanner. \$30 - Royce 2-100 Field Strength & SWR meter. \$15 - Midland 23-135B Field Strength meter. \$10 - Lafayette Telsat SSB-75 SSB and AM transceiver. \$45 - Radio Shack HTA20 2 meter mobile transmit amp. \$55. - DSI-5500 50hz-512mhz frequency counter. \$55 - MFJ-945D Mobile tuner. \$80 - MFJ-945E Mobile tuner. \$115 - Large backlit "On the Air" sign. \$25 - RCI-5054 6m SSB transceiver. \$170 - Antenna items: CSH-A4S Beam with optional A-744 driven element for 40 meters. It may need some adjustments. \$75. - Diamond X200 vertical for 2M and 70CM. \$100 - Ham IV rotator and controller. \$450.

Contact Ken Starcher at 330-475-2630 - Leave a message if not available. All proceeds go to Pam Tenan [5/02/22]

FOR SALE: Heil HM-10-XD microphone. Used once, in box. \$100 (Brand new ones are selling for \$139,)

Contact Deron, N8XTH deronmb@gmail.com or text 330-715-8552 [5/02/22]

FOR SALE: Reconditioned Heath Kit SB-200 Amplifier \$500.00 with new tubes. **WANTED: Cheap 2M/70CM FM Mobile Transceiver and Single Band 10 Meter Vertical** with elevated radials attached.

Contact: Bob, N8QE email: rhajdak@aol.com [5/02/22]

FOR SALE: Chameleon CHA F Loop 3 - Loop Antenna \$280.00 **Icom 703**, 500hz filter with **Icom Back Pack** and **Separation Cable** \$225.00 **TenTec 20-40 meter** 3 watts, Apache 1800 case \$125.00 **Samlex Switching Power Supply**, Sec 1235 \$135.00 **LDG AT 200 ProII** tuner \$145.00 **TenTec 554**, 5 watt radio, 4 Modules 10,15,20,40 \$100.00

Contact: Dave, WV8P - wv8p@roadrunner.com [05/02/22]

Hamfest Calendar



Here are the current listings of local hamfests. Please note that all are **subject to change**. Stay current by checking the sponsoring club's web page before making your travel arrangements.

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05/20-22/2022 - Dayton Hamvention® 2022 - Dayton Amateur Radio Association - **Location:** Greene County Fairgrounds and Expo Center - 120 Fairgrounds Road - Xenia, OH 45385 - **Website:** <http://hamvention.org> - **Public Contact:** Henry Ruminski, W8HJR - PO Box 44 Dayton, OH 45401-0044 - Phone: 1-937-232-9272 - **Email:** henry.ruminski@wright.edu

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07/09/2022 - Intercity Amateur Radio Club - Mansfield - **Location:** Richland County Fairgrounds - 750 North Home Road - Mansfield, OH 44901 - **Website:** <https://iarc.club/> - **Public Contact:** Danny Bailey, W8DLB - 70 Euclid Street Shiloh, OH 44878 - Phone: 419-541-8557 - **Email:** W8dlb113@gmail.com

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09/25/2022 - The 47th Annual Cleveland Hamfest And Computer Show - Hamfest Association of Cleveland - **Location:** Cuyahoga County Fairgrounds - 164 Eastland Road - Berea, OH 44017 - **Website:** <http://www.hac.org> - **Public Contact:** Glenn Williams, AF8C - 4134 Stoney Ridge Rd. Avon, OH 44011 - Phone: 440-934-5566 - **Email:** af8c@ARRL.net

PCARS IO Group

Members are reminded that PCARS has a IO Group site dedicated to PCARS. It's a great site to sign up for and get on the mailing list for important PCARS information.

Check out the PCARS IO Group at:
<https://groups.io/g/PCARS>

Two things every member should do.

1. Check the PCARS web site every day, maybe a couple of times a day, to see new info that's posted.
2. Join the PCARS IO Group. That's a great place to post message when you are looking for information or have a question about something. Try it - you just may like it!!

PCARS Thursday 2 Meter Nets

Greg, KA8TOA
Net Control Coordinator



Thank you all for helping with this! Anytime you are unable to take the net, please give me as much advance warning as possible! **Check-in using the receiver located in Sugar Bush Knolls ~ 146.895 with a PL tone of 118.8. We also use EchoLink node K8BF-L**

The net control dates will be posted on the Club website. An email will be sent out after the posting. As usual if there are issues please contact me via the roadrunner email address.
Thanks to all of you for helping out.

We could use another net control volunteer always looking for some help. It is good training and not that hard, please let me know.

1st quarter stats for the net 2022: 13 wks - 339 total check ins average weekly check ins 26

We have 2 operators for the 10 consecutive check in club they are Kim, KE8SMS and Chris, KV8Z. **Congrats to them !**

May	
5	KD8WCK
12	KE8BWA
19	KA8TOA
26	N8QE

June	
2	N8WCP
9	KA8TOA
16	KD8WCK
23	K8YLK
30	WB8LCD

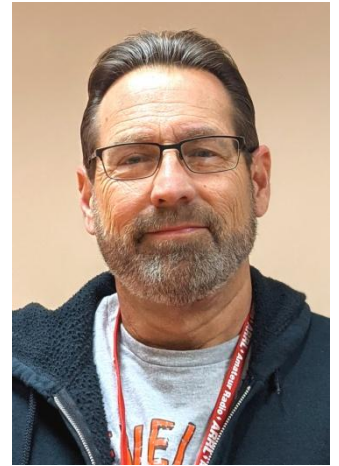
July	
7	N8QE
14	WB8LCD
21	KA8TOA
28	K8CAV

The PCARS net is **BIG Fun** - tell your friends to check in via RF or EchoLink!



Club site Antenna Project

Mike N8WCP



Club site Antenna Project - April 30th

The new OptiBeam tribander and M2 Squared 6M loop are up! This past Saturday a determined group of members put in a long day of work to complete this project which began last year with the removal of the old tribander and takedown of the tower for refurbishing. It was hoped we could complete this project before winter set in but the amount of work required and available time simply made that impossible.

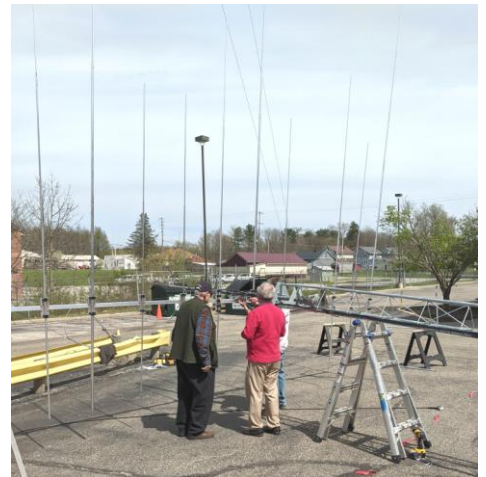
The winter season gave Jack, N8BI time to construct a new wall plate, tilt base plate, and pulley system for raising and lowering the tower along with refurbishing tower sections and prepping them for stacking. Over several sessions Chuck, W8PT and I built the tribander boom assembly.



With the arrival of spring it was time to get started on the outdoor work. The first job involved installing the wall plate and bracket. This heavy steel monster was lifted in place only to find out the holes for the threaded rod were too small. Minor setback that would be resolved for another day's work.

Over the course of three evenings the team installed the wall plate and bracket, winch, tilt base plate, and stacked the first three sections of tower. The tower was lifted into position and everything worked as designed!

Saturday started off with relocating the 80M dipole feed from its current entry point to the new entry point installed in a previous session and removal of unused cables. The next step was installation of the rotator and mast. We ran into a problem with the position indicator and believing it was the rotator, we installed a backup rotator Jack brought. Well that didn't solve the problem and it turns out a blown fuse in the controller was the problem. It was decided to stay with the backup rotator. Once the rotator and mast were installed and tested, it was time to install the antennas.

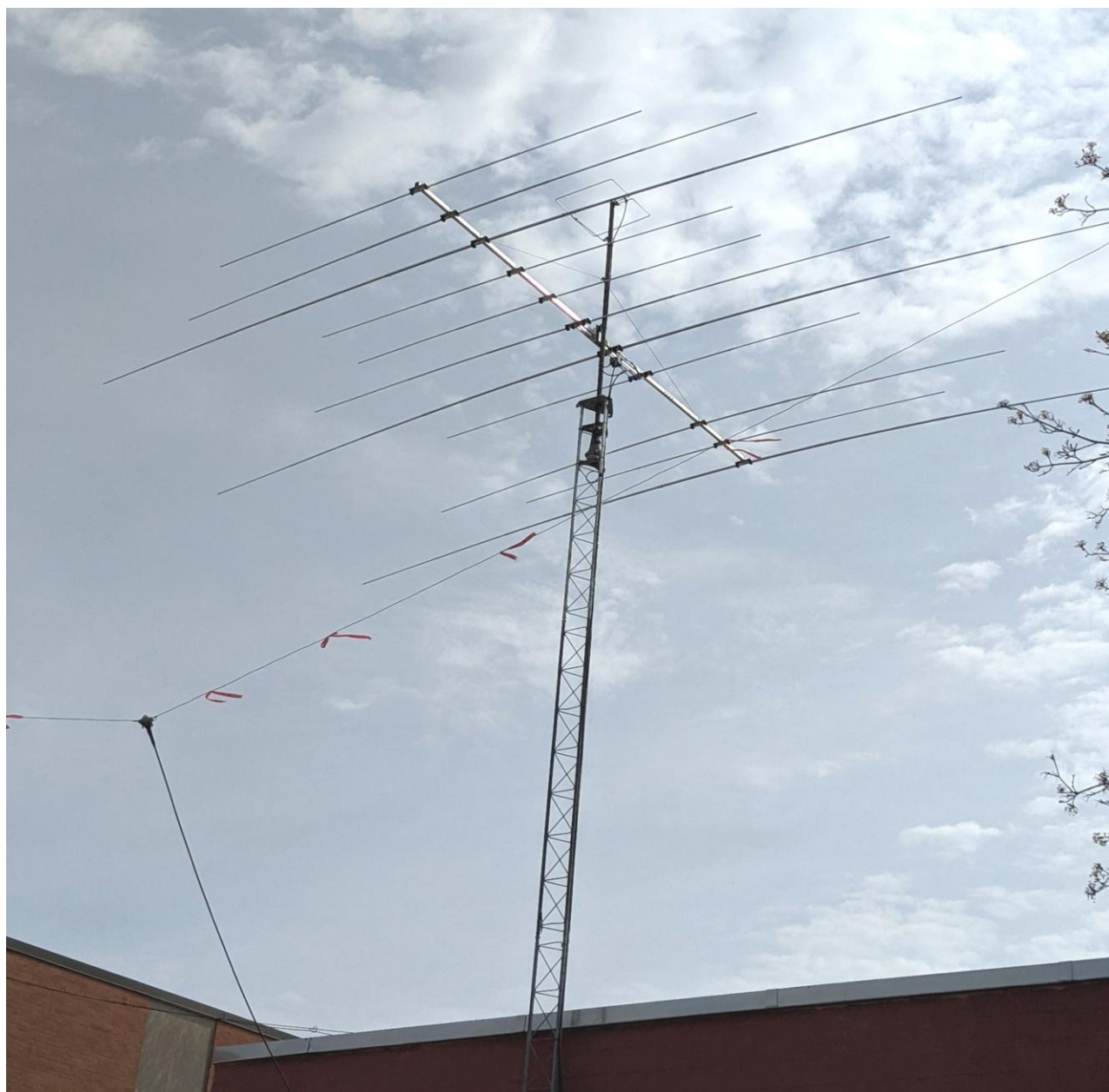


The original plan was to install the remaining elements on the tribander and place on the mast. It was quickly determined we'd have a problem lifting the antenna onto the mast given the size and weight of the antenna. Some brainstorming solved the problem! We installed the boom assembly and loop antenna, connected the feedlines and dressed the cables. With the boom parallel to the ground, one side of elements was installed. The tower was lifted and the



boom turned 90 degrees to allow installation of the additional elements. With one more lift and a 180 degree turn, the final elements were installed. With all elements installed and everything double checked, the tower was lifted for the last time. Jack checked the antennas with an antenna analyzer and both were perfect!

There's still some work needed to clean up the cable runs but Jim, AC8NT offered to complete this with the help of his son JC, KC8JC. Hats off to Jack N8BI, Chuck W8PT, Jim AC8NT, Greg KA8TOA, Mike KB8TUY, David KE8QEP, Paul KE8EGF, Nick AC8QG, Mike N8WCP, Tim W8GPN and Ken WA8LRW for helping on this project. This was a fun project and showed what a club can accomplish when its members all chip in!



New FCC License Fees Take Effect, Crash Licensing Computers

The new \$35 fee for most amateur radio license applications (exceptions: license upgrades and administrative updates) took effect on April 19 and the updated software for processing batch applications from the volunteer examiner coordinators crashed within hours. According to the ARRL, the system was down for four days, going back online on April 23, but resulting in a backlog of unprocessed applications. The League says applicants should expect delays in normal FCC turnaround times.

A related item: The ARRL-VEC reports that the League's Youth Licensing Grant Program took effect along with the new fees on April 19. Under the program, ARRL will reimburse the \$35 filing fee for successful new license candidates younger than age 18 for tests administered through the ARRL-VEC. The League has also reduced its exam fee for candidates under 18 from \$15 to \$5. Details may be found at <https://tinyurl.com/mv3zjwct>.

Region 1 Youth Summer Camp to be Held in Croatia

The International Amateur Radio Union's Region 1 youth summer camp is back after a 2-year Covid hiatus, and is scheduled for August 6-13 in Croatia. According to *Newsline*, attendance is open to amateurs ages 15-25 living in Europe, Africa and the Middle East, along with guests from other parts of the world. Campers will be organized into teams led by a team leader between the ages of 18 and 30. Attendance is limited to 80 total participants. For more information, visit the IARU Region 1 Youngsters on the Air website at <http://ham-yota.com>.

The Youth on the Air program for IARU Region 2 – North and South America – is seeking a host for its 2023 summer camp program. The timeframe would be one week between June 1 and August 15 and the host would need to be able to arrange meeting rooms, event space and lodging for up to 55 campers and staff, along with space for three simultaneously operating HF stations. Detailed information and a host application form are available at <http://youthontheair.org>.

Finally in this month's young ham roundup, May 31 is the deadline for nominating candidates for Amateur Radio Newsline's Bill Pasternak Memorial Young Ham of the Year award. Nominees must be age 18 or younger, living in the continental United States and demonstrating "talent, promise and a commitment to the spirit of ham radio," according to Newsline. Nomination forms may be found at <http://arnewsline.org>. [CQ is a co-sponsor of the Young Ham of the Year award.]

Be Prepared: Another Active Hurricane Season Predicted

Researchers at Colorado State University are predicting an above-normal Atlantic hurricane season for 2022. Hurricane season runs from June 1 to November 30 each year, although the storms don't always respect those dates!

CSU's center for Tropical Weather and Climate Research issued its annual forecast in early April, predicting 19 named storms, 9 hurricanes and 4 major hurricanes this year, versus the 30-year average from 1991-2020 of 14.4, 7.2 and 3.2 respectively.

The forecasters noted that "Current weak La Niña conditions look fairly likely to transition to neutral ENSO (El Niño Southern Oscillation) by this summer/fall, but the odds of a significant El Niño seem unlikely. Sea surface temperatures averaged across the eastern and central tropical Atlantic are currently near average, while

Caribbean and subtropical Atlantic sea surface temperatures are warmer than normal. We anticipate an above-average probability for major hurricanes making landfall along the continental United States coastline and in the Caribbean."

The researchers concluded, "As is the case with all hurricane seasons, coastal residents are reminded that it only takes one hurricane making landfall to make it an active season for them. They should prepare the same for every season, regardless of how much activity is predicted."

Hams living in hurricane-prone areas should first make sure that they and their families are well-prepared for hurricane damage and extended power outages, then take advantage of available training through FEMA, the National Weather Service and local emergency communication groups in order to be able to help effectively if needed.

Amateurs in potentially-affected areas should monitor the Hurricane Watch Net on 14.325 MHz USB during the day and 7.268 MHz LSB at night. The net is activated whenever a tropical system reaches hurricane status and is within 300 miles of a populated land area, or at the request of forecasters. For more information on the Hurricane Watch Net, visit www.hwn.org.

INDEXA Names Humanitarian Fund in Memory of JH1AJT (SK)

The International DX Association (INDEXA) has renamed its humanitarian fund the Zorro Miyazawa, JH1AJT, Hams with Hearts Fund, in memory of Zorro, who founded and endowed the fund in 2016. JH1AJT, also a member of the CQ Amateur Radio Hall of Fame, became a Silent Key in March. According to *Newsline*, the fund helps provide assistance to humanitarian aid projects undertaken by amateurs during DXpeditions. INDEXA said it is "proud and grateful to be able to sustain Zorro's legacy through this fund."

Canadian Hams Authorized Special Prefixes to Honor Queen's Jubilee

Canada's communications regulator is allowing hams to use special prefixes between May 15 and July 14 in honor of Queen Elizabeth II's Platinum Jubilee, marking the 70 years on the throne. The *ARRL Letter* reports that all hams in Canada may choose to use the special prefixes. They include VG, VX, XK and XJ. In addition, the Canadian government's special event station listing shows two specific Jubilee-related special event operations planned, with call signs XM3A and VB3Q70.

NASA Club Stations Mark Apollo 16 Anniversary

Amateur radio club stations at several NASA centers around the U.S. conducted special event operations between April 23rd and 27th to mark the 50th anniversary of the Apollo 16 mission to the moon. According to *Newsline*, participating club stations included NA6MF at the Ames Research Center in California; NA8SA at the Glenn Research Center in Ohio; WA3NAN at the Goddard Space Flight Center in Maryland, and N5SSC at the Stennis Space Center in Mississippi. Stations making contact with these club stations are eligible for certificates. See the QRZ.com page for each club station for QSL and certificate info.

ARRL June VHF Contest Adds Analog-Only Category

Participants in the Single Operator categories for the ARRL June VHF Contest can now enter in "All Mode" (which includes all digital modes) or "Analog-Only" (CW and SSB/FM) subcategories. The ARRL Programs and Services Committee, with guidance from the Contest Advisory Committee, has approved this rule change in response to the survey that was sent to participants of ARRL VHF contests late last year. For full rules and details, visit www.arrl.org/june-vhf. - Tnx CQ VHF+ Editor Trent Fleming, N4DTF

John, KD8IDJ
ARRL News Editor



John E. Ross, KD8IDJ, is New ARRL News Editor

John E. Ross, KD8IDJ, is the new ARRL News Editor. Ross was selected for the position following the recent retirement of [Rick Lindquist, WW1ME](#), from the role -- which includes producing news content for the ARRL website, the weekly ARRL Letter, the "Happenings" and "Amateur Radio World" columns in *QST*, and voicing the weekly ARRL Audio News.

Ross has served as the Public Information Coordinator for the ARRL Ohio Section for the past 10 years. He is an award-winning journalist, broadcast engineer, and currently holds an Amateur Extra class license.

Ross got his start in broadcasting while in high school as the first student announcer for WCBE Radio in Columbus, Ohio. He has worked as an on-air radio and television news anchor, news director, program host and personality as well as voice talent for many commercials and documentaries. He was the first "voice" of the Ameritech cell phone system when it went on the air in 1989.

After graduating from The Ohio State University, and playing in the OSU Marching Band, he had dual careers as Vice President and Associate for Wilson Group Communications, a Columbus-based public relations, media relations, and crisis management firm. He recently retired from AT&T after 28 years as a Network Analyst.

Ross is also a Veteran serving 6 years in the United States Army and Army Reserve and a six-time recipient of the Presidents' Volunteer Service Award for helping disabled and homeless veterans.

Submissions for the ARRL Letter and ARRL News can be emailed to [Ross](#).

Friedrichshafen HAM RADIO 2022 Will Welcome Worldwide Visitors

With the recent relaxation of COVID-19 regulations, the Deutscher Amateur Radio Club (DARC) and Messe Friedrichshafen, partners of the [HAM RADIO 2022](#) exhibition in Germany, are optimistically looking forward toward holding the 45th HAM RADIO from June 24 - 26 in Friedrichshafen, subject to the final official approval by the local authorities.

Appropriate hygienic and distancing measures will be in place for the safety of all visitors. These will have implications on the design of the stands, the opening ceremony, the presentation rooms, and the flea market area.

One of the largest amateur radio conventions in the world, alongside Dayton Hamvention® in the US and the Japan Amateur Radio League Ham Fair, HAM RADIO attracts exhibitors and visitors from more than 52 countries to Germany. [ARRL The National Association for Amateur Radio®](#) will be among the participating [International Amateur Radio Union](#) (IARU) member-societies exhibiting at the convention. HAM RADIO organizers say they are "looking forward to seeing you in Friedrichshafen!"



CQ to Limit Contest Participation by Stations in Russia, Belarus, and Donbas.

In a March 17 news release, CQ Communications, Inc. announced, "It will not accept competitive entries in any of its sponsored contests by amateur radio stations in Russia, Belarus, or the separatist Donbas region of Ukraine (unofficial D1 prefix). Logs submitted by these stations will be accepted only as check logs. In addition, contacts with these stations by other participants will have zero point value and will not count as multipliers." The policy will take effect with the CQ WPX SSB Contest on March 26 and 27, 2022, and future events will be considered on a case-by-case basis, depending on the situation at that time.

Military Exercise Will Use 50 MHz Band.

Belgium's communications regulator BIPT has said 50.200 MHz and 51.075 MHz will be used from May 30 to June 18 during a military exercise. A translation of the post by Belgium's national amateur radio society UBA said, "BIPT informs us that in the period from May 30 to June 18, 2022, a military exercise will be held in Elsenborn in which two frequencies in the 6-meter band will be used -- 50.200 MHz and 51.075 MHz. The amateur radio service has a secondary status in this band; the military services a primary status." Radio amateurs are called upon to pay particular attention to this during this period, to avoid the use of these frequencies if possible, and certainly to listen carefully to whether the frequency is in use if they still wish to use the frequencies concerned.



PCARS Custom Coffee Cups - Limited Edition - Almost Gone

PCARS has obtained a limited number of special, custom made coffee cups that are available only to members.



Supply is limited. If you are a current (PAID) member of PCARS you get one coffee cup for **FREE** !! The only catch is you have to claim it from the



Treasurer - Greg, KA8TOA. Greg has a list of current members and will check off your name when you get your **FREE** PCARS coffee cup.



There are a **very limited number of extra coffee cups** and they are for sale at \$5.00 each.

Contact Greg for all of the details: Treasurer@portcars.org



Portable Ops Special Interest Group

John, WG8X
Portable Ops SIG Coordinator



April 30, 2022 PCARS POTA group activation

A little less than a year ago, a Portable Operation SIG (Special Interest Group) began meeting on the second Tuesday of each month. We talk about anything & everything related to portable operating. Recently, there was some discussion about activating a local park under the POTA (Parks On The Air) program.

Parks On The Air has been around for a few years, and the popularity just keeps growing & growing. These days, it's difficult to operate portable from any State, or federal park without a sizable pileup showing up on frequency to meet you.

So, on April 30th, a group of us descended upon West Branch State Park (which has the POTA identifier of K-1999) to compare gear, and get on the air. The weather was almost perfect for operating outdoors. We reserved the pavilion near the Western boat ramp off of Rock Springs Road.

Contacts were made under several callsigns, including K8BF which is one of the newest members of POTA. We had two dipoles (one conventional, one hamstick), and an end Fed Half Wave. We got on the air, and made contacts on 40 & 20 Meters, using Phone, CW, and Digital modes.

There's a lot of concern these days about propagation, and whether the bands are open.



Should we get out and activate a park, or stay home & mow the lawn, hoping for better conditions? Well, today, 40 Meters was a bit all over the place. Sometimes open, sometimes closed, but it was fun all the same.

A lot of stations that wind up in an activators logbook are home stations who are “hunting” for park stations. With over 9,000 parks, wildlife areas, historical monuments, and other entities on the US POTA list, you’ll likely never run out of new ones to work. But, if you are in a park, there’s also stations in other parks to work. We call those stations Park to Park (P2P on CW) contacts, which are sought after.

You can learn more about POTA at <https://parksontheair.com/>. Check out the “*Help/Getting started*” tab.

Thank you to everyone who came out and participated. With so much going on these days, it’s sometimes tough to make time for club events, so your support is appreciated. We hope to do this again in the fall. Stay tuned for more information.

=====

This month’s meeting for the Portable operations SIG will be Tuesday, May 10th at the club site (705 Oakwood St, Ravenna). We meet at 7 PM.

There will no doubt be some discussion of our April 30th POTA Field Trip to West Branch State Park. Also, bring your Hamvention wish list. If you could buy only one new piece of equipment at Hamvention, what would it be? Speaking for myself, a new iambic paddle for CW is at the top of my list.

This month will be a hybrid meeting. We talk about all manner of subjects to do with portable operation. Yes, we speak QRP, mobile, antennas; anything to do with operating in the field. You never know what we’ll be discussing. As always, we’ll be entertaining your show & Tell, and questions.

We’ll be meeting on May 10th, at 7 PM in person or via Zoom. Here’s the link:

Join Zoom Meeting

<https://us02web.zoom.us/j/89732195744?pwd=cldtZmxMcmlFqQndhQWtJN0s2NUNnUT09>

Meeting ID: **897 3219 5744**

Passcode: **PCARS2022**

We’ll be in person at PCARS club site, 705 Oakwood St, Ravenna.



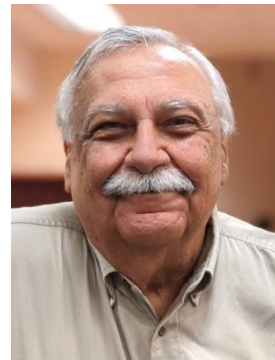
One minute you're young and fun. And the next, you're turning down the stereo in your car to see better.

Two things to make your day better:

1. Do not watch the News.
2. Stay off the bathroom scale.

DX and Contest Special Interest Group

Chuck, W8PT
DX & Contest SIG Coordinator



Hello to all the PCARS DXers and Contesters

On Tuesday, April 26th, we held our first, in person DX/Contesting Special Interest Group meeting since...I don't know when. We had a good turnout and I want to thank those who made the effort to get to the club site and I also want to thank those who attended by way of ZOOM. Looks like that will be a regular part of our meetings for the foreseeable future.

We covered several topics and I want to mention a few. We looked at the upcoming contests in May. Especially the weekend of May 7-8. There are four QSO parties scheduled for that weekend: 7th Call Area; Indiana; Delaware; and New England. The Arkansas QSO Party is scheduled for the following weekend. And for you CW folks, the CQ WW WPX Contest-CW mode will be held May 28-29.

We then discussed topics such as the use of 3830 Scores and the value of posting your contest scores on this site. It was mentioned that it's a great way to keep tabs on how well one does from one year to the next regarding the various contests.

We looked at the topic of Solar Flux and what it means along with the A and K indexes. We also discussed how the predictions for Cycle 25 have been off the mark in regards to how good the propagation has been with many more sunspots appearing than predicted.

We discussed the topic of using the Grey Line to work DX and looked at various propagation predictors.

All in all, it was a very informative and well attended meeting with good discussions on all the topics.

I hope to see more PCARS members attending this meeting either in person or by way of ZOOM, as well as the other SIGs. Don't forget, these meetings are for your benefit, to increase your knowledge of Amateur Radio and to make your operating experiences more enjoyable.



SO GLAD I GREW UP



DOING THIS



NOT THIS

Paper Chase - Shenandoah Caverns



Joe, W8KNO

Last month, I wrote about appearing to work outside the amateur bands and this month it is about operating inside of a cave.

The Woodstock Amateur Radio Breakfast Group of Quicksburg, Virginia will operate station K4S to commemorate the **100th anniversary of Shenandoah Caverns**.

Shenandoah Caverns is the only caverns in Virginia that has an elevator to the caves. It bills itself as Virginia's most unique and beautiful cave.

The station will be operated from inside the cave, approximately 90 feet underground.

Shenandoah Caverns was discovered in October 1884, when the Southern Railway line was being built through Shenandoah County. A local farmer Abraham Neff agreed to let the railway quarry limestone from his property, located alongside the railroad.



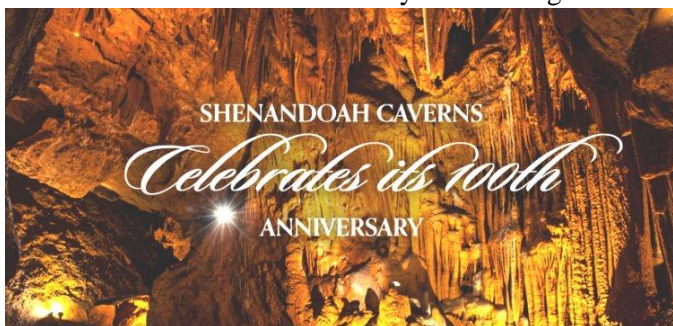
One Sunday while the workers were away, Neff's sons were playing in the quarry when they felt cool air rising from a hole in the ground. They retrieved ropes and candles and scrambled down a 275-foot twisting and winding shaft. At the bottom, they discovered a huge, dark room filled with stalactites, stalagmites and flowstone. They were too afraid to venture farther, so they went back up the shaft and told the family about their discovery. The family explored the cave further and discovered the large cavern system beyond the original room. In 1930, an elevator was installed to enter the caverns. To date, it is still the only Virginia caverns with an elevator. The 60' deep elevator shaft was hand dug, and the elevator began operation in 1931.



A certificate is available to anyone working the station if you

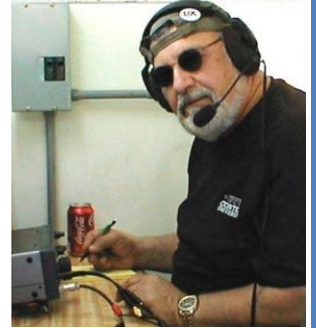
provide a QSL card verifying the contact as well as a

large (9" X 12") envelope with sufficient postage. Listen for K4S near 7.240, 7.040, 14.240 or 14.040 on Saturday, May 21st between 9 am and 5 pm; then, mail your QSL card and envelope to: Carl M. Dennis, NX3A - 2224 Graveltown Rd, - Quicksburg, VA 22847



Charlie the Tuner's HF High-Lites

Chuck, W8PT
a.k.a. "Charlie the Tuner"



Greetings DXers

Charlie the Tuner's DX High-Lites – May 2022

We welcome in the month of May and with it some much needed warm WX. This month promises to be the total exit from winter and the beginning of....wait for it.... antenna repair and replacement season. Don't know about you, but I have a whole lot of work facing me for the next several months and I am hoping that the WX finally settles down so that there are several days in a row that are sunny and mild. I need to get an antenna up to be able to get on 10 and 15 meters to work the DX I have been seeing on the various DX clusters. Speaking of DX, let's see what's in store for May!

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, the AB5K's AR Cluster Networks, NJ1Q & W1AW, W2GD, W2VU, NG3K & ADXO, W3UR & The Daily DX, W4VQ, K5GS, K8YSE, W8GEX & 60m DX News, K9CT, DL1SBF, DL7UXG & The DX News Letter, DXNews.com, DX-World.Net, EY8MM, F6AJA & Les Nouvelles DX, I1JQJ/IK1ADH & 425 DX News, IZ8CCW, JI3DST, Sixitalia Weekly, VA3RJ & ICPO and YL2GM for the following DX information.

And as always, this report "could" contain "Pirate/SLIM" operation or more likely a "BUSTED CALLSIGN". As always, you never know, so..... - "**Work First, Worry Later**".

PLEASE NOTE: The fact that donation requests, from various DXpeditions, are at times included in this column does not mean that PCARS or this HAM approves or disapproves of donating to the DXpeditions listed. I am only providing information for you to make up your own minds as to whether or not to donate.

DXCC'S MOST WANTED (ClubLog). The "DXCC Most Wanted" entities list has been updated on ClubLog as of April 4th. The list contains 340 entities.

The following are the top 10 entities:

1. P5 DPRK (North Korea)
2. 3Y/B Bouvet Island
3. FT5/W Crozet Island
4. BS7H Scarborough Reef
5. CE0X San Felix Islands
6. BV9P Pratas Island
7. KH7K Kure Island
8. KH3 Johnston Island
9. 3Y/P Peter 1 Island
10. FT5/X Kerguelen Island

There has been a request that any DXCC entities where the chances of Amateur Radio operations is virtually impossible (such as North Korea), that that entity be eliminated from the list. Whether the request will be taken seriously remains to be seen. No decision has been made as yet.

May...

3B8, MAURITIUS. Fabian, DF3XY, will be active as 3B8/DF3XY approx. 15 Km north of from Port Louis, Mauritius (AF-049), between May 21st and June 2nd. Activity will be on 40/30/20 meters using mostly FT8. QSL via DF3XY, direct, by the Bureau and eQSL. SWL-cards are welcome.

4L, GEORGIA (Also TA). Byron, KF8UN, will be active as 4L/KF8UN from Georgia between May 9-11th or possibly later. He will also be active as TA/KF8UN from Turkey between May 22-24th. Activity from both locations will be mainly 20 meters SSB. QSL via his home callsign direct.

4X74/4Z74, ISRAEL (Special Event). Israel celebrates 74 years of Independence this year. Amateur radio operators from Israel will be using the special prefixes 4X74 and 4Z74. (examples: 4X74HU (Op 4X6HU), 4X74OM (Op 4X1OM) and 4Z74OC (Op 4Z5OC). The activity will start on May 5th, 0000 UTC until Saturday, May 11th, 2359 UTC. QSL cards will be uploaded LoTW or

private printing by the operator. Some of the operators will/may use the special callsigns during the Holyland Contest the weekend of Friday, April 15th, 2100 UTC - Saturday, April 16th, 2100 UTC.

4X0, ISRAEL (Special Event/Update). The "Land of Craters" program continues with the fourth activation from one of four craters in Israel located in the Negev Desert. The operation will use the callsign 4X0RMN between May 13-14th. Operations will be from Makhtesh Ramon ("Ramon Crater"). Reference numbers are: Holyland Square F-30-BS, WW Grid Square KM70jo and WFFF Reference 4XFF-0020. Radio amateurs working 3 of the 4 craters will receive a beautiful certificate on the program's Web site. Operators mentioned are Amir/4X1AR, Chanan/4Z1DZ, Dan/4Z5SL, Gal/4X1KW, Gil/4Z1KD, Hilik/4X6YA, Roy/4X5IQ, Shimon/4Z1SH, Udi/4X6ZM, Zvika/4X1ZV and Zeev/4X5ZS. Activity will be on 80-10 meters using CW, SSB, FT8 and the QO-100 satellite. QSL via 4X6ZM, direct, by the Bureau, eQSL or LoTW.

9A302, CROATIA (Special Event). Tom, 9A2AA, is now active as 9A302AA from Split, Croatia, to celebrate Croatia's 30th anniversary of independence until July 13th. QSL via 9A2AA.

9H6, MALTA (Special Event). John, 9H1CJ (ex-5Z4JC), active with the special callsign 9H6CAP to commemorate the 80th anniversary of the destruction of the Capuchin Monastery and the Church (on Easter Saturday/ Sunday bomb attack, April 4-5th, 1942), in Floriana (WW Loc. JM75GV), Malta, until June 30th, QSL via 9H1CJ direct only.

C5, THE GAMBIA. Operators Gérard/F5NVF, Abdel/M0NPT (7X2TT) and Luc/F5RAV will once again be active as C5C from Kololi (WW Loc. IK13PK), The Gambia, between May 22nd and June 7th. The team also hopes to be active again from Bijol Island (AF-060) as C5B. Look for more details to be forthcoming.

DF90/DK90/DL90/DM90/DR90/DQ90/DP90 & HB90, GERMANY AND SWITZERLAND (Special Event). Gert, DM7MA, and a crew of operators will activate the following special event stations until June 30th: DF90TJU, DK90TJU, DL90TJU, DM90TJU, DR90TJU, DQ90TJU, DP90TJU and HB90JU. Activity is to celebrate the 90th anniversary of the maiden flight of the Junkers JU52/3m (transport aircraft).

DU, PHILIPPINES. Mike, W6QT, will once again be active as DU3/W6QT from Subic Bay, Philippines, between May 1st and September 15th. Activity will be on various HF bands using SSB and FT8 with wire arrays and other home-brew antennas with less than 100W. QSL via W6QT, direct, by the Bureau, eQSL, ClubLog and LoTW.

FM/TO3, MARTINIQUE. Marius, ON4RU/OQ3R, will be active as FM/OQ3R from Martinique (NA-107) between May 21st and June 4th. Activity will be holiday style on 160-10 meters using CW only. He is also planning to be in the CQWW WPX CW Contest (May 28-29th) signing as TO3F. QSL via ON4RU direct.

FK, NEW CALEDONIA. Jean-Louis, F5NHJ is QRV as FK/F5NHJ from Noumea until June 11. Activity is holiday style on the HF bands using CW, SSB, and various digital modes. QSL via LoTW.

HK0, SAN ANDRES AND PROVIDENCIA ISLANDS. Renato, PY8WW, will be active as HK0/PY8WW from San Andres Island (NA-033) between May 7-12th. Activity will be on various HF bands (40-6m), but the focus will be on 6 meters (using a 3 element beam). QSL via his home callsign.

JX, JAN MAYEN. Rune, LA7QY and Helge, LB4MI are QRV as JX7QY and JX/LB4MI, respectively, until October while on work assignment. Activity is in their spare time on the HF bands using CW and SSB. QSL via LoTW.

NH7, HAWAII. Operators Jim/N6TJ, John/KH6SH, Oliver/W6NV, Robert/N6TV and Larry/N6TR will be active as NH7T from the KH6YY station in Haleiwa, HI, during the CQ WPX CW DX Contest (May 28-29th) as a Multi-Multi entry. QSL via KH6SH.

OH0, ALAND ISLANDS. Operators Keijo/OH2OT/OG5O and XYL Raila/OH2HOD will be active as OH0/OG5O and OH0/OH2HOD, respectively, from the Aland Islands (EU-002, rare WW Loc. KO09cx) between May 21-27th. Activity will be on the lower bands, including 60 meters, using CW, SSB, RTTY and FT8. QSL via ClubLog or by the Bureau.

PF01, THE NETHERLANDS (Special Event Reminder). Frans, PC2F, will be active as PF01MAX during each racing weekend until November 20th, during the Formula 1 2022 season. A detailed schedule is available on QRZ.com. QSL via PC2F, direct, by the Bureau, eQSL or LoTW.

SX335, GREECE (Special Event). Members of Radio Amateur Association of Western Peloponnese (ERDYP) and friends will activate special event station SX335T between May 1-31st. Activity with the Hellenic Mira 335 Squadrons

during the NATO Tiger Meet 2022 at ARAXOS 116 Military Airport, Greece. QSL via LoTW and eQSL only.

TM50, FRANCE (Special Event). Members of the Val d'Issole Radio Club Dpt. 83 (F8KGH) active as TM50SNSM to commemorate the 55th anniversary of the SNSM (the French National Society of Sea Rescuers) until July 16th. Activity will be on 80-6 meters using CW, SSB and the Digital modes. QSL via F4GPB, by the Bureau, direct or eQSL.

TR, GABON. Roland, F8EN, (ex-CN8EM/FO8BV/3C3CR/TR50R) will once again be active as TR8CR from Libreville. He will be there on May 14th, but will not be fully active between June 1st and sometime at the end of July. He will be celebrating his 94th birthday there. Activity will be on 40/30/20 meters using CW only. QSL via F6AJA, direct or by the REF Bureau. F6AJA will update when he receives a copy of the log.

V4, ST. KITTS AND NEVIS (Update/Dates Change). Bob, WX4G, will once again be active as V4/WX4G from the V47JA station at Calypso Bay on St. Kitts (NA-104) between May 24-31st. Activity will be on 160-6 meters, including 60m, using CW, SSB, and FT8/FT4, with yagis and verticals. He also plans to be active as V48A during the CQWW WPX CW Contest (May 28-29th) as a Single-Op/All-Band entry. QSL via WX4G, eQSL, ClubLog's OQRS or LoTW.

V5, NAMIBIA. Paul, ZS2PS, reports on QRZ.com that he will be operating 100% mobile when he visits Namibia sometime early May through mid-June. He states [edited], "I cannot give you a fixed QTH as I will be operating from my Landcruiser and we will be staying where ever we get to from about 4pm local time on the day. My setup is a Yaesu 857D, and a Hustler antenna. I have coils for 80, 60, 40, 20, 30 and 10m and will be using them depending on conditions. Will be doing some POTA along the way. Most probably from Kaudaam, Estosha, or the Waterberg game reserves. If trip seem rather haphazard in planning it is because we never plan a trip. We decide on the day in which direction we will go." QSL via his home callsign, direct, by the Bureau, eQSL or LoTW.

VK90, AUSTRALIA (Special Event Reminder). Look for special event station VK90ABC active throughout 2022 to celebrate the 90th anniversary of Australia's national broadcaster, the Australian Broadcasting Corporation (ABC). During 2022, amateurs from across Australia will be using this special event call- sign to make contacts with other amateur radio operators across Australia and around the world.. For more information visit (<http://www.vk90abc.net>). PLEASE NOTE their QSL policy. NO DIRECT QSL. NO BUREAU QSL. QSL only via LoTW and eQSL (Logs uploaded monthly).

Z6, KOSOVO. Operators Bodo/DF8DX and Rene/DL2JRM will be active as Z68QQ from Gjilan (WW Loc. KN02RN) between May 23-30th. Activity will be on various HF bands and modes. QSL via DF8DX, by the Bureau, direct or LoTW. They will also be active as Z66BCC during the CQWW WPX CW Contest (May 28-29th). QSL via DL2JRM, by the Bureau or direct.

ZF, CAYMAN ISLANDS. William, KO7SS, will once again be active as ZF2SS from Cayman Brac Island (NA-016) during the following contests in 2022: CQWW WPX CW Contest (May 28-29th), CQWW DX CW Contest (November 26-27th) and the ARRL 160m Contest (December 3-4th). QSL via LoTW only.

IOTA News...

EU-015/ Erwin, DK5EW, will be active as SV8/DK5EW from **Santorini EU-067. Island** (EU-067, WW Loc. KM26qi) between May 23-29th, and from **Crete** (EU-015, WW Loc. KM15wl) signing as SV9/DK5EW between May 31st and June 11th. Activity will be mainly a 144 MHz DXpedition on EME and meteorscatter. QSL via DK5EW, direct, by the Bureau, eQSL, ClubLog or LoTW.

EU-125. Operators Wies/SP1EG, Hans/DK8RE and Hans/DL8UUF will be active as 5P1EG from **Romo Island (OZFF-005)** between May 7-14th. Activity will be on various HF bands using CW, SSB and the Digital modes, with an IC-7300 + Expert PA into different GP antennas. QSL via SP1EG.

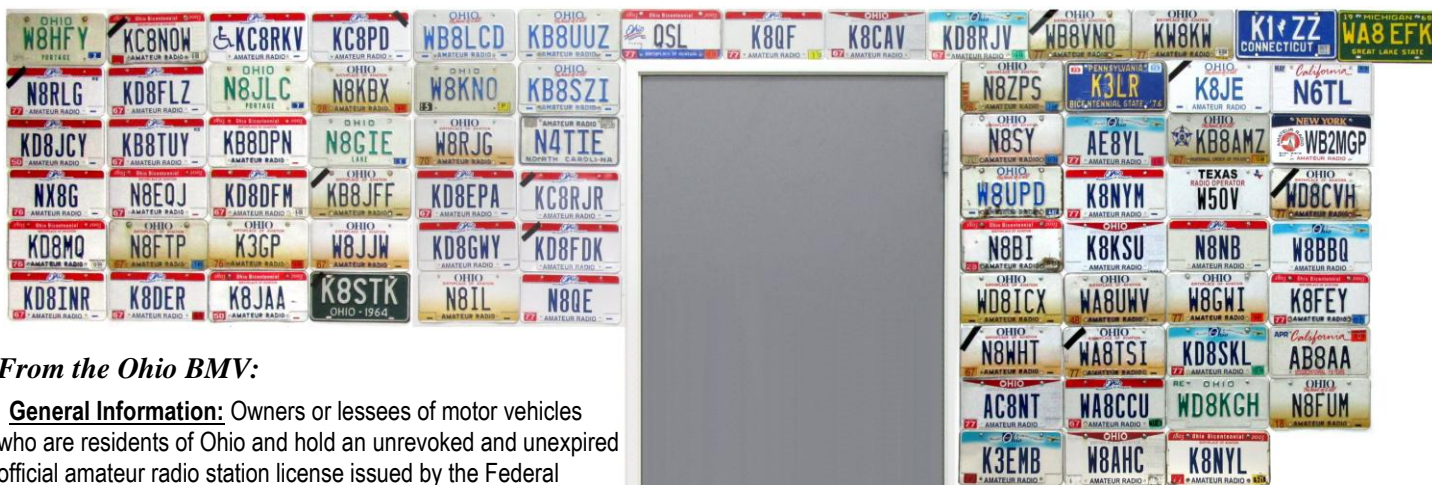
I urge you to get on the air now that the sun spot cycle has really started to open the bands. Even with a dipole and 100 watts, you can work some great DX. Don't think that because you don't have a legal limit amp and a big Yagi that you can't work DX or won't be heard. Get on the air and be surprised at what you can hear and work.

73 until next month.

PCARS Ham Radio License Plates Wanted !!! PLEASE !!

Dig out that amateur radio call sign license plate (with your present call sign), clean it up and bring it to be permanently affixed to the wall in the PCARS club station.

We have 75 PCARS member's ham plates now, **but we can use more**. Don't have ham radio call plates on your vehicle? Well for those of you in Ohio, you can get the plates sent to you by going to any License Bureau office and filling out the special plate registration form. Have a copy of your current FCC license when you apply. The official form to obtain your Ohio Amateur Radio license plates is on the PCARS IO Group site. Then you'll have an old plate to bring in to get hung up as a *permanent part of PCARS history*.



From the Ohio BMV:

General Information: Owners or lessees of motor vehicles who are residents of Ohio and hold an unrevoked and unexpired official amateur radio station license issued by the Federal Communications Commission may apply for these plates. The official call letters will be the license plate numbers.

Registrant Eligibility: Owner must submit a copy of the un-revoked and unexpired official amateur radio license issued by the Federal Communications Commission. (FCC).

Title Requirements: Ohio Certificate of Title issued in the same name as the FCC license, either singly or jointly, or the name on the FCC license is the same name on the lease agreement.

Vehicle Information: These plates may be issued to passenger vehicles, non-commercial trucks, recreational vehicles, house vehicles and non-commercial trailers.

Type of Plates: Plates will be manufactured with the FCC license.

Issuance Information: Amateur Radio plates cannot be issued with system assigned, reserved, or personalized plate formats.

Renewal of plates can be done at your local Deputy Registrar or by mail using their renewal notice. **Amateur Radio License Holders must provide a copy of their current unexpired and unrevoked official amateur radio license issued by the Federal Communications Commission (FCC) at the time of any type renewal transaction.**

All plates will be mailed directly to the address on your registration card unless customer requests otherwise. The deputy will issue your registration card, stickers and provide you with a permit which will allow you to operate your vehicle while your plates are being manufactured. Special license plate applications are available at all Deputy Registrar license agency locations. These plates cost an additional \$10.00 annually plus the normal registration fees. The fee is determined by Ohio Revised Code section 4503.14.

PCARS is on YouTube

That's right - PCARS is now on YouTube. So, what does that mean? Hey, we have a new place to put all kinds of videos that are about PCARS for the world to see.



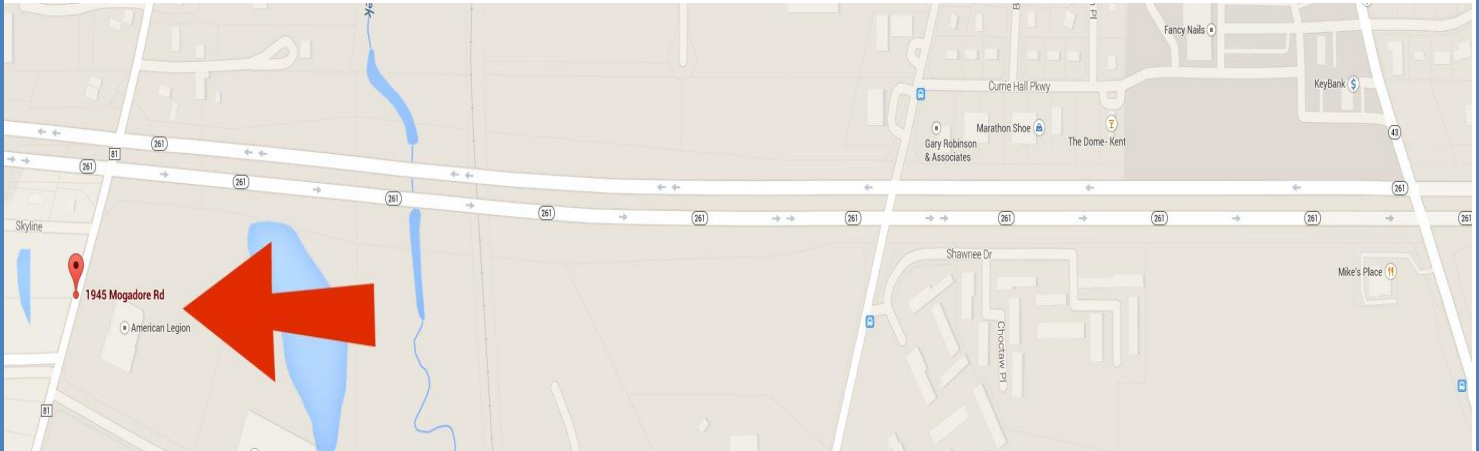
PCARS Meetings

The Portage County Amateur Radio Service (PCARS) in-person meetings are held the **2nd Monday** of each month and start at 7:00 pm.



CHECK WEBSITE FOR UPDATES ABOUT IN-PERSON MEETINGS

*The meetings are held at The American Legion, Post 496
1945 Mogadore Road - in Kent. (Just South of Route 261)*



The American Legion Post 496 is located on the southeast corner of State Route 261 and Mogadore Rd. The driveway is on the south side of the building and as you enter you will pass through a parking lot on the south side of the building. Please do not park in this lot but instead continue on to the parking lot on the east side of the building which is the near the rear entrance into the Post 'Canteen'. As you enter the post from this entrance you'll see a bar to the left and a dining area to the right. The meeting area we'll be in is on the right, to the rear of the dining area.



*The picture on the left shows
The American Legion Post 496
as viewed from Mogadore Road.
(looking East)*



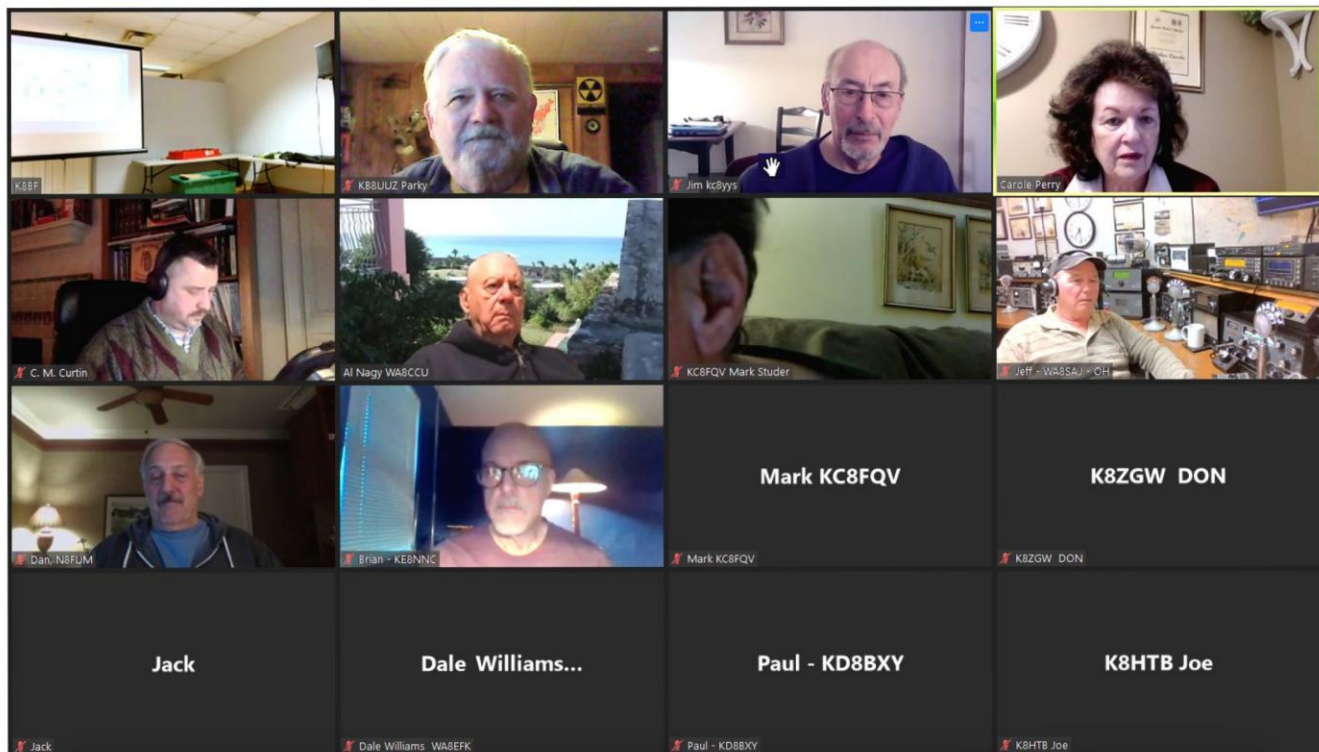
The menu consists of your basic burger / dog / chicken sandwiches, wings, fries, onion rings, and salads. There is also an appetizer selection as well. Adult beverages are available and costs are in line with what you would expect at most bar-restaurant facilities.

If you are a member of the The American Legion, The American Legion Auxiliary, or the Sons of The American Legion, bring your ID card as you get a substantial discount on adult beverage pricing.

Photos from the April Meeting









Silvercreek Amateur Radio Association Hamvention 2022 Saturday, May 21, 2022 @ 5:00 AM



Don't miss this year's SARA Bus Trip to the world's largest topical conference and product exhibition. Save on gas, parking, and walking by riding with us! Leave the driving to us, and you can come and go to the flea market with your great purchases and leave them on the bus. This event takes place at the Greene County Fairgrounds in Xenia, Ohio.

The cost of the **Bus & Entrance ticket** to the Hamvention:
\$100* before April 15, 2022

The cost of the **Bus Only** to the Hamvention:
\$74* after April 15, 2022

*(You will be responsible for getting your own entry ticket -
see <https://hamvention.org/purchase-tickets/#> for more information.)*

*The above pricing does not include driver's tip for which a hat will be passed.

SARA reserves the right to cancel this trip should a minimum of 35 riders not be secured by April 15th. If that happens, a full refund will be made.
We will take riders right up to departure that morning (if there are seats available) on a first come, first served basis.

Please arrive by 5:00 AM

Departure time is 5:30 AM SHARP. Please be on time so you don't miss the bus!

There will be a stop for breakfast @ McDonald's & a dinner stop @ Cracker Barrel (both out of pocket expense).

The bus will leave the fair grounds for home at 4:00 PM

To Order Visit: www.w8wky.org/bustrip

Direct questions to:

Russell Orr (KD8VYT)

kd8vyt@arrl.net

330-524-9175

Transportation provider: Great Day! Tours

This bus is a smoke free bus, so there will be no smoking permitted.

Location of Departure - 3979 Medina Rd, OH-18, Akron, OH 44333

(Park in spaces as close to Rt. 18 as possible.)

Parking (as always) is at your own risk,

Please pass the word out to all of your ham friends & computer geeks.

SARA Uses Repeater 147.390 PL 114.8

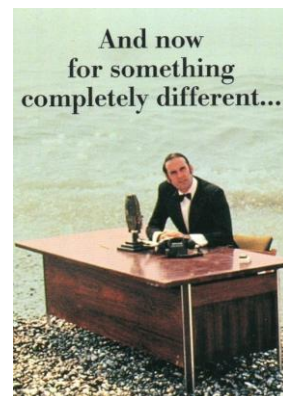
Web Site: www.w8wky.org/bustrip

Just for Fun

TWELVE RULES FOR SENIORS from Al, WA8CCU

- #1 - Talk to yourself. There are times you need expert advice.
- #2 - "In Style" are the clothes that still fit.
- #3 - You don't need anger management. You need people to stop pissing you off.
- #4 - Your people skills are just fine. It's your tolerance for idiots that needs work.
- #5 - The biggest lie you tell yourself is, "I don't need to write that down. I'll remember it."
- #6 - "On time" is when you get there.
- #7 - Even duct tape can't fix stupid, but it can muffle the sound.
- #8 - Wouldn't it be wonderful if we could put ourselves in the dryer for ten minutes and come out wrinkle-free, and three sizes smaller?
- #9 - Lately, you've noticed people your age are so much older than you.
- #10 - Growing old should have taken longer.
- #11 - Aging has slowed you down, but it hasn't shut you up.
- #12 - You still haven't learned to act your age - and hope you never will.

And one for the road... "One for the road" means peeing before you leave the house.



Thanks & 73



Parky, KB8UUZ
PCARS Newsletter Editor



I really appreciate the help in gathering material to keep this newsletter number one. Without your help we would not have received the newsletter awards in past years. All of our members (and others) look forward to getting this newsletter every month, so keep sending those inputs! I'm sure you know PCARS is known as the **BIG FUN** amateur radio club. So chip-in and send your article in to keep this newsletter great for 2022 and beyond.

Thanks go out to the contributors for this month's newsletter:

AC8QG, N8WCP, KB8UUZ, WA8EFK, N8SY, WB8LCD, WS8G, K3LR, WB2MGP, WA8AR, K3GP, K8CAV, K8IV, WG8X, N6JRL, AB8YK, N8VAR, N0AX, KA8TOA, KE8EGF, KD8IDJ, W8PT, W8KNO, N8BI, WA8CCU, CQ Blog, The ARRL and the World-Wide Web

With *your* continued help – we can keep making this a *great* newsletter.



The Portage County Amateur Radio Service, Inc. (PCARS) - Ohio

~ The Hamvention® 2018 "Club of the Year" ~

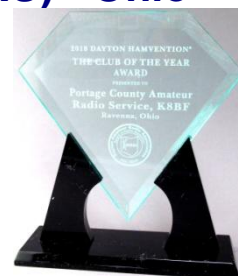


PCARS meets the second Monday of each month at the **Kent American Legion Post 496**,
1945 Mogadore Rd. - just South of Rt. 261 - Enter the rear of the building for the meeting room.

Meeting starts at 7:00 pm - All are welcome to attend ~ Stop in and say hello!

PCARS uses the **K8IV** repeater: **146.895 MHz PL 118.8** in Sugar Bush Knolls ~ EchoLink Node: **K8BF-L**

Check PCARS out on the web: www.PORTCARS.ORG -or- www.K8BF.ORG



~ 2022 Officers ~		2022 PCARS Appointments & Committees	
President - Nick Wagner - AC8QG Vice President - Mike Szabo - N8WCP Treasurer - Greg Ash - KA8TOA 1 Year Trustee - John Myers - WG8X 2 Year Trustee - Tom Parkinson - KB8UUZ 3 Year Trustee - Chuck Patellis - W8PT Past President - Tom Sly - WB8LCD	ARRL Awards - DXCC	W8KNO	Joe Wehner
	Club Site Manager/Liaison	K8CAV	Rick Kruis
	Contest Coordinator	W8PT	Chuck Patellis
	EchoLink		
	Field Day Chairman, 2022	WA8AR	Tony Romito
	FYAO Chairman	W8PT	Chuck Patellis
	Historian	KB8SZI	Peggy Parkinson
	K8BF Callsign Trustee	N8AMY	Amy Leggiero
	K8BF QSL Manager	N8AMY	Amy Leggiero
	Membership Chairman		
	Net Control Coordinator	KA8TOA	Greg Ash
	Newsletter Editor	KB8UUZ	Tom Parkinson
	OSPOTA Chairman	KB8UUZ	Tom Parkinson
PCARS Meeting Photographer		KE8LWO	Bernadette Wagner
~ Meetings & Net ~		Public Information Officer	
2nd Monday of each month. 7pm Thursday night Club Net at 8 pm on 146.895	Secretary	KE8EGF	Paul Hyland
	Social Media	N8WCP	Mike Szabo
	Tech, Gen & Extra Class Manager		
	Volunteer Examiner Liaison	KB8UUZ	Tom Parkinson
	Webmaster	WG8X	John Myers

 PCARS Active Volunteer Examiner Team Members	KB8UUZ	Tom Parkinson
	AC8QG	Nick Wagner
	AC8NT	Jim Wilson
	N8QE	Bob Hajdak
	KA8TOA	Greg Ash
	WA8CCU	Al Nagy
	N8PXW	Jim Korenz
	K8IV	Ed Polack
	N8AMY	Amy Leggiero
	N8FUM	Dan Torchia
	N8XTH	Deron Boring
	WB8LCD	Tom Sly
	W8PT	Chuck Patellis
	W8GWI	Dave Seckel
	KC8JC	James "JC" Wilson



THE RADIOGRAM

PCARS Incorporated
Nov. 1, 2005

First Meeting
Nov. 14, 2005



ARRL Affiliation
April 20, 2006



Special Service Club
March 22, 2010

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Articles are the opinion of the authors and not necessarily those of PCARS. Or, better yet, let me express it this way: "These are my opinions and only my opinions, unless you share them as well, which would make them our opinions, but I am not of the opinion that I can express your opinion as my opinion without your prior expression of said opinion, and then my re-utterance of that opinion would, in my opinion, be foolish unless I were expressing agreement to your opinion, and then it wouldn't be my opinion but your opinion to which I only agree." **GO AHEAD - STEAL THIS NEWSLETTER!** You have our permission to post, e-mail, copy, print, or reproduce this newsletter as many times as you like, but please do not modify what you use. If you use material in this newsletter, all we ask is that you give credit to PCARS along with the author of the article. Caution - some of the articles in this newsletter maybe covered by copyright - please do not copy and use the ones that have by-line information unless you obtain permission from the original author. If you're not sure, drop an e-mail to KB8UUZ@gmail.com. The RADIOGRAM always obtains written permission for reproducing copyright material. The RADIOGRAM comes out the first day of each month (usually), please have inputs submitted by 8 pm ET on the last Friday of each month. ARES® (Amateur Radio Emergency Service®) is a program of, and both logos are registered trademarks (used with permission) of the American Radio Relay League, Inc. ARRL, the National Association for Amateur Radio™. Why the Black Squirrel in our logo? For those of you not familiar with it: The Black Squirrel is commonly seen around Portage County, Ohio. Seems that some of these little guys and gals got loose from Kent State University back in 1961. They have migrated and thrived throughout our county. Kent State University even has an annual Black Squirrel Festival. So when you spot a black squirrel - think PCARS!

The RADIOGRAM is published every month and only sent to subscribers. If you would prefer not to receive this newsletter, we understand. We'll try not to take it personally. It's not you saying you don't like us, but maybe you just don't have the time to look at all this hard work we've done just for you. Hey, that's cool. But if your heart is truly set on making sure you no longer receive this newsletter, even though we promise to one day reveal the meaning of life in it and you're going to be really upset when you miss out on that, we can take you off the e-mail list. Send your newsletter inputs (in .TXT format) along with in-focus pictures (not small 50 kb photos) to the newsletter editor: KB8UUZ@gmail.com

By attending PCARS in-person activities, you are acknowledging that an inherent risk of exposure to COVID-19 exists in any public place where people are present. By attending PCARS in-person activities, you voluntarily assume all risks related to exposure to COVID-19 and covenant not to sue and agree not to hold the Portage County Amateur Radio Service (PCARS) or any of their directors, officers, contractors, vendors or volunteers liable for any illness or injury. While PCARS implements preventative measures to reduce the spread of COVID-19 in accordance with Federal, State and Local guidelines, we cannot guarantee that attendees will not become infected with COVID-19 as a result of attendance.



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NLC

