



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

July 2022 - Volume 17 Number 7

Field Day 2022 *What a FUN Weekend*



**Celebrate the 4th
13 Colonies
On The Air**



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



| Feature Articles | |
|--|----|
| From the PCARS President | 3 |
| From the PCARS Vice President | 3 |
| From the Great Lake Division Director | 5 |
| From the Great Lake Division Vice Director | 6 |
| From the ARRL Section Manager | 7 |
| Ohio Section Manager Election | 8 |
| Hamvention® Attendance Figure Released | 9 |
| Postal Rates to Increase | 9 |
| 13 Colonies On The Air | 10 |
| ARRL Member Spotlight - K8FF - N8AMY | 11 |
| Headwaters Race - Volunteers Wanted | 12 |
| YDXA Trip for 2022 is a 'GO' | 12 |
| Field Day 2022 | 13 |
| Field Day - How Did YOU Do? | 13 |
| Alliance Radio Club Raffle | 16 |
| Rambling with WG8X | 17 |
| WAC Award | 18 |
| Kentucky State Parks On The Air | 19 |
| Legend of the Wouff-Hong | 23 |
| News from the ARRL | 25 |
| 3905 Century Club Eyeball - Brimfield | 33 |

| Mark Your Calendar | |
|----------------------------|----|
| Schedule of Events | 4 |
| VE Test Information & News | 14 |
| Hamfest Calendar | 21 |
| Net Info & NCS Schedule | 22 |
| Flex Net | 22 |
| Meetings, PCARS | 35 |
| NOARS Fest Flier | 38 |

| Regular Departments | |
|------------------------------------|----|
| PCARS Coffee Cup - Limited Edition | 8 |
| PCARS Patches & Stickers | 10 |
| Happy Birthday PCARS Members | 18 |
| Swap-N-Shop | 20 |
| PCARS IO Group | 21 |
| SIG - Portable Operations | 28 |
| SIG - Digital | 28 |
| Paper Chase | 29 |
| Charlie the Tuner's HF High-Lites | 30 |
| Member Ham License Plates Wanted | 34 |
| PCARS on YouTube | 34 |
| Photos from the last PCARS Meeting | 36 |

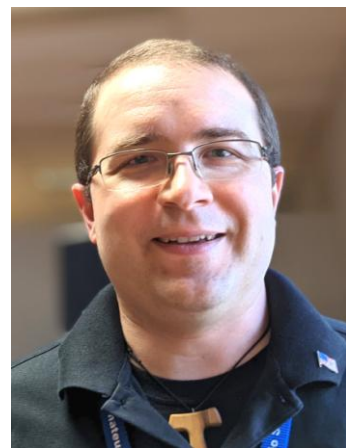
| Finals | |
|--------------|----|
| Just For Fun | 39 |
| Thanks & 73 | 40 |
| Fine Print | 41 |



From the President



Nick, AC8QG
PCARS President



Field Day

By the time this newsletter is published, Field Day 2022 will already be in the books. I can't wait to hear all your stories from this year, and I'm also very curious about how our final score turned out. I hope everyone had a great time and enjoyed some radio and some fun with other PCARS members.

Big shout out to all our Field Day Station Captains and other Field Day team members. Thank you also to the volunteers who came out and helped with setup and teardown. It's your help, support, and participation that make Field Day a "Big Fun" event for PCARS!

Upcoming events

Now that Field Day is behind us, we can focus on some other fun events. Please keep a lookout for QST emails, announcements on our weekly net, and also here in this newsletter for event announcements.

Plans are already underway for our Net Night at the Club Site visit from the 3905 Century Club on July 28, the Annual Amateur Radio Cruise-In (date TBD) at the A&W in Ravenna, and our Open House and BB-QSO Party on August 27. I hope to see you at these and other future PCARS events!

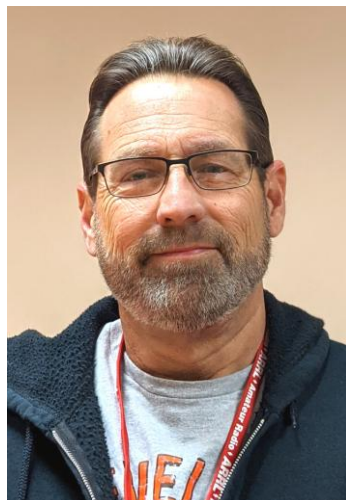
Happy Fourth of July!

I hope all of you have a very enjoyable and safe Fourth of July holiday! Never take for granted the gifts of faith, family, friends, and freedom! Happy Independence Day, and may God bless America!

From the Vice President



Mike N8WCP
PCARS Vice President



It was nice to see Amy N8AMY and her father Wayne K8FF featured in the July QST Member Spotlight, theirs is a great story. I hope Wayne and all the fathers out there had an enjoyable Fathers Day!

Hopefully you joined us for our June meeting with our guest Bob Wilson - N6TV who discussed serial and USB interfaces. I found several of his tips helpful and made the recommended changes the following day on my shack computer.

Our own John Myers WG8X will discuss Parks On The Air at our July meeting. John is an active POTA operator who's put many miles on his vehicle activating parks. If you've ever considered operating portable, you need to attend this meeting.

Now that Field Day is over, we'll look at the schedule and see if we can book a build day in July. If you have any special projects you're interested in, send an email to: vicepresident@portcars.org

Just a reminder, 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.*

July 6th - PCARS Board Meeting at the club site & Zoom - 7 pm
July 11th - PCARS Meeting - Kent American Legion & Zoom - 7 pm
July 28th - Net Night - **Special - 3905 Century Club Eyeball at the club site**
August 1st - PCARS Board Meeting at the club site & Zoom - 7 pm
August 8th - PCARS Meeting - Kent American Legion & Zoom - 7 pm
August 27th - Ohio QSO Party & PCARS Bar-B-QSO Party (more info to follow)

First Tuesday - **Digital** - Moderator: Rick, K8CAV
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



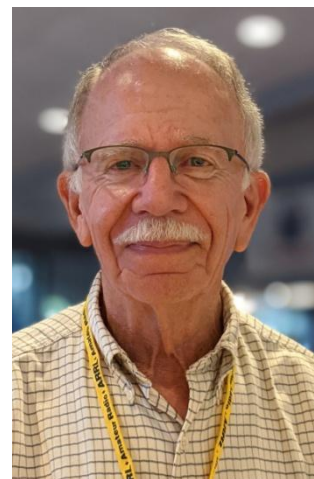
PCARS K8BF
The Club that puts the FUN in Ham Radio!



From the Great Lakes Division Director



Dale, WA8EFK
ARRL Great Lakes Division Director



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

OH my gosh, six meters continues to live up to its name as the Magic Band with openings practically every day within the Continental US and some really outstanding DX as well. I hope you have been able to venture on 6 and snag some good contacts.

There was certainly plenty of activity on the bands as ham radio's biggest operating event took to the airwaves in the form of ARRL's annual Field Day. Some slight adjustments to the FD rules were in place, the most significant was setting the operating power limit at 100 watts. This was done to equalize the FD rules with other similar events and also improve the competitive levels among all entry classes.

Field Day for this amateur meant operating with my club and I had a great time. The weather was playing favorites and we only had a couple of light overnight showers. This year afforded some excellent training opportunities as we have seen some significant club growth with new hams and this past weekend was their first opportunity to participate in this operating event. I think our old timers and newcomers all exchanged some ideas and brought home some innovations for next year. Most importantly all of the participants left with improved skills and operating abilities. We were fortunate to welcome several key visitors, the local media, our State Representative and his wife and our Section Manager Les W8MSP and his wife Karen KB8AKC.

Thanks to all who stopped by your Great Lakes Division's booth at Hamvention and posted their QSL cards or signed our guest register. Sorry if we may have missed a few visitors signing our guest log, but here y'all are:

AA8SU, AA8TA, AB4IQ, AB8OU, AC1JL, AC8GU, AC8HZ, AC8NP, AC8QB, AC9CK, AD8C, AD8DZ, AD8IT, AD8WA, AH0AA, AH0AA/JR2SCV/JE2YRB, AI4EY, AK8A, AK9TX, JH1NBN, JW/K8GU, K0EED, K3GP, K3JJB, K3KTB, K3RC, K3ZB/JH1NBN, K4ZLE, K5HTE, K7EK, K7SUF, K7WE, K8ALG, **K8BF**, K8BP, K8CLP, K8CX, K8DP, K8EEP, K8HCF, K8IYF, K8JH, K8JTK, K8MDA, K8MST, K8NU, K8RJH, K8TS, K8UPR, K8VCE, K8VQC, K8VSY, K8WDA, K8ZCT, K8ZT, KA0AZS, KA8KWO, KA8UGB, KB8FXJ, KB8GYB, KB8IUP, KB8NW, KB8QLR, KB8UNJ, KB8UUZ, KB8WPZ, KC4OHX, KC8CAD, KC8GE, KC8MNW, KC8TEF, KC8TVW, KC8UFV, KC9QFH, KD2REM, KD4NUH, KD4SS, KD8JIP, KD8OCS, KD8QGA, KD8RER, KD8RTP, KD8SKZ, KD8SMO, KD8VRX, KD8VWE, KD8YVJ, KD8ZDF, KD9PDY, KE8BGZ, KE8BKP, KE8CEO, KE8CKN, KE8CKO, KE8CVA, KE8EJF, KE8EKG, KE8EKH, KE8EOB, KE8LPL, KE8MYH, KE8QAT, KE8RJU, KE8RS, KE8TBS, KG6NFJ, KI4SPO, KI8AF, KJ4BYD, KJ8BB, KJ8F, KM4CH, KM4FO, KO4ZFC, KY4M, N4DLR, N4HAI, N4JMR, N4LSJ, N4SV, N6JRL, N6YPC, N7JTB, N7OEI, N8AMY, N8AUC, N8BAG, N8BAP, N8CUB, N8DAF, N8DPW, N8ETP, N8FE, N8FTD, N8GBA, N8HAR, N8HG, N8HO, N8JKO, N8JMW, N8LE, N8NAV, N8NU, N8QKE, N8QXC, N8SBE, N8SY, N8VOX, N8WD, N8YSB, N9WYD, NA8L, ND4X, NE5SD, NE8Z, NF8M, NK8D, NL7CF, NM8W, NX8G, NY8D, VE7BC, VE7HA, VU2TO, W2THU, W2WCM, W4DFR, W4JKL, W4NHO, W4WKU, W4ZIP, W8AAZ, W8AOR, W8CTF, W8DEC, W8GN, W8DLB, W8DNZ, W8ERW, W8FSA, W8HFZ, W8IZC, W8KNO, W8MSP, W8NDB, W8PAB, W8PHN, W8PL, W8PT, W8SHF, W8VRD, W8VTN, W8YSY, W8ZAG, WA1EIB, WA2DHG, WA6EZV, WA8AAZ, WA8EFK, WA8HEA, WA8HUB, WA8UWV, WB0NPN, WB1ARU, WB4SUV, WB8BSA, WB8LCD, WB8TRL, WD4FJF, WD8ITP, WD8JM, WD8NVN, WD8SCL, WD8USA, WE8Q, WE8TOM, WG8H, WG8X, WH7W, WM8G, WR8G, WX8V.

Again, our sincere thanks for visiting with us.



From the Great Lakes Division Vice Director



Scott, N8SY
ARRL Great Lakes Division Vice Director

Scott's Notes for July 2022



Let me be the first one to say... Happy 4th of July to you and yours!!! Have fun, but please be very careful. Here in Ohio, we are now legally, in some communities, allowed to shoot off fireworks. Back in the day I used to shoot off hundreds of firecrackers at a time. It sounded like a real gangster gun battle for sure until one day I shot off an M-80 and it blew a hole in our backyard about 3 foot wide and a couple of foot deep! I decided that I like my fingers way too much to take that much of a chance in possibly losing them, so I just sit back and watch the professionals do it now. I was told recently that in one of the professional fireworks displays it didn't go well. As I understand it, a worker hit the wrong button and set off a 20-minute display all at once. I understand it was the best grand finale ever in that town, but very short lived as that it only lasted around 35 seconds.

Let's shift gears... Wow oh wowie... I think that sums up Field Day weekend! It felt so good getting out and being able to see and talk with all of you at your Field Day sites. This year above all other years I'm really impressed with how many younger folks were involved with Field Day. All the sites I visited I found at least one newbie that was not just young to amateur radio, but young in age, less than 40 and they were active! I feel that speaks volumes for the growth and interest in amateur radio! It was exciting to hear how and why they got involved. Though the stories were varied, they all seemed genuine in not only expanding their thirst for knowledge, but in advancing in their licensing as well. Now, for the record, I visited 12 sites and drove 467 miles! I'm only sorry I couldn't get to more sites, but the day is only so long and the miles between sites really makes the difference on just how many of them I can actually get to. I do apologize to the folks that invited me personally to come and visit their site and I just didn't get there. I promise to try harder next year to do just that!

Shifting gears again... Now that Field Day is over are you ready for some more fun? The Simulated Emergency Test (S.E.T.) is October 1-2 and next to Field Day, one of the busiest times for ham radio! Is your ARES® group or club already in the planning stage yet? If not, it should be, like Field Day, S.E.T. demonstrates to our served agencies what amateur radio is really all about, communications. Did you happen to notice in this past months QST the results of the 2021 S.E.T.? The Ohio Section represented the Great Lakes Division quite well by coming in 2nd in the nation!

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

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



From the ARRL Ohio Section Manager



Tom, WB8LCD
ARRL Ohio Section Manager



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



Lafayette was only 19 years old and without combat experience when he arrived in America. Defying the explicit orders of King Louis XVI, who did not wish to provoke Great Britain, the marquis eluded authorities and crossed the Atlantic Ocean to assist the rebellious Americans in 1777.

Although still a teenager who spoke little English and lacked any battle experience, Lafayette convinced the Continental Army to commission him a major general on July 31, 1777. The portrait of Lafayette above was painted by Samuel F.B. Morse. Yes, that Samuel Morse you all know and love. I’m not going to tell you the whole story here (and I’m not going to tell you to be careful with fireworks and not blow off a finger either!), but the Revolutionary War, Marquis de Lafayette and Samuel F.B. Morse all come together in a pretty interesting story which results in the Morse Code!

It would be worth your time to read up on it. You might want to view The Entire History of Morse Code According to WB9LBI for the whole story at: <https://youtu.be/rklfT2A3F4M>

I want to remind you again about the Ohio Section Youth Net. The next net takes place on Sunday **July 10th** at 7:30 PM. Agnes, AD8IR, will be our net control operator. If you know any young hams in the Ohio Section, please invite them to check into the net. With Echo-Link the repeater is accessible from anywhere in the Section! Youth Net When: The second Sunday of every month at 7:30 PM EST

When: The second Sunday of every month at 7:30 PM EST

Where: The K8IV repeater located in Kent, Ohio (Echolink node K8BF-L) RF: 146.895 Mhz with PL 118.8

Who: Any licensed amateur radio operator who wishes to participate. Priority will be given to youth stations and those located in Ohio.

The purpose of this net is to encourage youth activity in amateur radio and to help new hams get more comfortable on the air.

Field day 2022 is now behind us. I hope you had a chance to get out and get on the air! Now is the time to think about your experience, maybe even take some notes before the memory escapes you. What did you like best about your FD operation? What did you like the least about it? What worked good for you and what didn’t? Who did you work with that seemed to have a solid knowledge about what they were doing? What equipment worked and what didn’t do so well? What frequencies worked best in which directions and at what times? What mistakes do you definitely not want to make in future years? Field Day has a tradition of being an “Emergency Operations Exercise”.

The whole purpose of an exercise is to get better. Consider answering these questions (and feel free to add in some of your own) as your own After-Action Report. It’s only by looking at what you did and making necessary adjustments in the future that you’ll be able to improve your capabilities for the future. Once again, I visited as many Field Day Sites as I could work into the schedule and drove a little over 600 miles. Everywhere I went I found interesting people doing fantastic things with Amateur Radio. We received tons of positive press in local media, and I’m sure that the citizens of Ohio are a lot more aware of Ham Radio now than they had been in the recent past. That is a huge gain for all of Amateur Radio!

Ohio Section Manager Election

Congrats goes out to our ARRL Ohio Section Manager - Tom Sly, WB8LCD:

From: Adams, Leona, W1LGA <ladams@arrl.org>

Date: Fri, Jun 10, 2022, 4:09 PM

Subject: SM Nomination Petition Update!

Hello Tom, WB8LCD:

As no other SM nomination petitions were received for the Ohio section by our deadline of today, June 10, 2022 by 4 pm, you are hereby elected as the Section Manager. Your new term of office will begin October 1, 2022. We look forward to working with you. Congratulations!!

73,

Leona G. Adams, W1LGA

Field Services Assistant

ARRL The National Association for Amateur Radio®

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.

Portage County Amateur Radio Service



2018 Hamvention® Club of the Year

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.

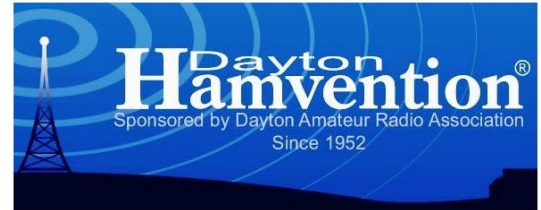


There are a **very limited number of extra coffee cups** and they are for sale at \$5.00 each.

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



Hamvention® 2022 Attendance



Hamvention Attendance Figure Announced

The Dayton Amateur Radio Association (DARA) have announced the attendance figure for the 2022 Hamvention, the first event since 2019. The official attendance at Hamvention 2022 was **31367**.

General Chairman Rick Allnutt, WS8G, said “Although that was about 1,000 less than 2019, he considered it not bad for a pandemic recovery year.” Hamvention was cancelled in 2020 and 2021 because of the Covid pandemic. Hamvention <https://hamvention.org/>.

| Year | Hamvention® Attendance |
|-------|--------------------------------|
| 1952 | 600 |
| 53-90 | no reports |
| 1991 | 33,500 |
| 1992 | 33,000 |
| 1993 | 33,669 |
| 1994 | 35,000 |
| 1995 | 33,000 |
| 1996 | Changed from Late April to May |
| 1997 | 28,000 |
| 1998 | 28,120 |
| 1999 | 28,176 |
| 2000 | 28,804 |
| 2001 | 26,151 |
| 2002 | 24,832 |
| 2003 | 22,168 |
| 2004 | 19,869 |
| 2005 | 20,411 |

| Year | Hamvention® Attendance |
|------|---|
| 2006 | 20,324 |
| 2007 | 19,318 |
| 2008 | 17,250 |
| 2009 | 18,877 |
| 2010 | 19,750 |
| 2011 | 22,312 |
| 2012 | 24,483 |
| 2013 | 24,542 |
| 2014 | 24,873 |
| 2015 | 25,621 |
| 2016 | 25,364 - Last year at Hara Arena, Trotwood |
| 2017 | 29,296 - First year - Green County Fairgrounds, Xenia |
| 2018 | 28,417 |
| 2019 | 32,472 |
| 2020 | 0 - Cancelled due to Covid |
| 2021 | 0 - Cancelled due to Covid |
| 2022 | 31,367 |

Postal Rates to Increase

POSTAL RATES INCREASE

As announced in early April the United States Postal Service (USPS) will raise the prices of the following services **effective Sunday July 10th.**



This means it may cost you more to get that QSL card in the mail. Hurry up and get some “Forever” stamps - they help you pay a bit less every time you use a stamp. The USPS even have “Forever” International Letter stamps available

First Class Mail Current Price/New Rates: 1 oz letter domestic \$0.58/\$0.60 Additional oz \$0.20/\$0.24
Metered mail 1 oz \$0.53/\$0.57 Postcard stamp \$0.40/\$0.44 1 oz letter international \$1.30/\$1.40.



13 Colonies - On The Air

14th Annual - 13 Colonies On The Air

2022 Event: July 1 (9AM Eastern) to July 7 (Midnight Eastern)

YOU DO NOT NEED ALL 13 COLONIES TO GET THE CERTIFICATE - YOU DO NOT NEED TO GET THE 2 BONUS STATIONS FOR A CLEAN SWEEP



Spotting: If you work a colony station, you are encouraged to spot it for others. We suggest DX Summit.

The 13 Colonies Special Event is a not for profit event. All donations are used to fund the next years event, and to defray any expenses occurred. All donations are used for operating costs, supplies, equipment, and 13 Colony Group initiatives. Donation is voluntary. If you have difficulty with a donation, tell us on your log sheet, and we will send you the certificate earned-No Questions Asked! <http://www.13colonies.us/>



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

Leanna Figlewski, lfiglewski@arrl.org

Member Spotlight

Wayne Smith, K8FF, and Amy Leggiero, N8AMY

This father-daughter duo has been operating ham radio together for years. Growing up with a dad who loved ham radio, Amy Leggiero, N8AMY, was exposed to the hobby at a very young age. Her father, Wayne Smith, K8FF, used to let Amy sit on his lap in his shack as a baby, creating fond memories for her of the sights and sounds of radio.

A Shared Love of Contesting

Something they enjoy doing together most is operating contests, which they do almost every weekend. Wayne's station is their primary operating location because Amy's condo has high noise levels, as well as limited antennas. Amy explained that Wayne's station has less noise, bigger radios, and "a nice ACOM amp and a tower with a beam antenna, as well as other antennas."

The COVID-19 pandemic didn't stop them from operating contests together, and they both reached a shared goal of qualifying for their digital ARRL DXCC. "During COVID-19, we [participated in] CQ WW WPX SSB in March of 2020," Amy said. "We also operated the 13 Colonies Special Event contest and several state QSO parties."

When operating together, the contests they participate in are SSB. This is because Wayne dominates when it comes to operating CW. "Wayne is a super CW op," Amy shared, adding that she never became proficient in it.

Wayne and Amy's shared interest in radio doesn't end with contesting —

they also both enjoy being net control operators for their respective local clubs. Wayne is net control for the Northern Ohio DX Association's Thursday night 10-meter net on 28.480 MHz, and Amy is net control for the Portage County Amateur Radio Service's Thursday night 2-meter net on *EchoLink* and the 146.895 MHz repeater.

DXCC and QSLing

Wayne has been DXing since 1960. He enjoys the competitiveness involved in making DX contacts, as well as the thrill of contacting new countries. "It is still amazing to me that I can work the world from my station," he said. One of Wayne's most prized DXCC contacts is with P5/4L4FN on 10-meter phone.

Over the last 2 years, Wayne has contacted over 200 countries. He said this was made possible with FT8 and some recent antenna improvements. "My 6-meter operation has greatly improved, thanks to a new antenna and 1000 W amplifier," he said. Wayne's station has also allowed Amy to contact 100 countries and earn her digital DXCC as well.

Wayne and Amy both enjoy sending QSL cards, but once they qualified for digital DXCC on FT8, they began using Logbook of The World (LoTW) on a regular basis. "Confirming contacts on LoTW is very quick (sometimes instant) and lower cost than in the past," they agreed. Wayne added, "Although QSLing is increasingly expensive, we both agree that there is no substitute for a real QSL card." Despite having sent QSL cards for



Wayne Smith, K8FF, and Amy Leggiero, N8AMY, operating together from Wayne's station during the CQ WW WPX SSB contest in 2020.

many years, Wayne felt that the transition to using LoTW was fairly easy for him, and even shared that he wished he made the switch sooner.

The Greatest Hobby in the World

As of the writing of this month's column, Wayne and Amy look forward to attending Dayton Hamvention®. Wayne will be working for DX Engineering at the event, and Amy will be volunteering at the Youth Forum, as well as during Tim Duffy's, K3LR, Contest University program.

"I think we both share the experience that amateur radio has brought us so many adventures and friends that we would not have otherwise met," Amy said. Wayne agreed, adding, "In the infamous words of K3LR, ham radio is indeed 'the greatest hobby in the world.'"

Reprinted with permission, copyright ARRL.

www.arrl.org QST July 2022 13

Headwaters Race - Volunteers Wanted

Rick K8CAV

The Portage County Park District will be holding the annual **Headwaters Adventure Race** on Saturday July 9th.



culminating in a five mile canoe/kayak race on the Cuyahoga River. The Headwaters Event Chairperson has relied on Amateur Radio for communications throughout the course and is again asking for support.

To date, I have six volunteers of the fifteen needed to fully staff this event. I would really appreciate your help with this event!

Reporting time is at 7:00 AM and the race generally finishes around noon. I'll be holding a **pre-event briefing** on the 444.575/449.575 (no PL) repeater on **Thursday July 7th at 7:00 PM**. If you can help out, please let me know as soon as possible by email to k8cav.coms@gmail.com . Thanks!!

<https://www.portagecounty-oh.gov/portage-county-park-district/things-do/pages/headwaters-adventure-race>

YDXA Trip for 2022 is a "GO"

Dave Kalter Memorial Youth DX Adventure

Just about time to go! **July 14-19, 2022.**



Soon we will be winging our way to Curacao. The team is all ready and excited to be finally going. Travel has gotten interesting and some of us have overnight stays at airports in order to make connections. We are scheduled to arrive late afternoon on the 14th and hope to be on the air in the early evening. We may be tired so bear with us.



The plan is to be on all bands SSB, CW and FT8. Not all at once but we plan to have at least two radios on the air as much as possible.

As everyone else, expenses have gone through the roof. Please consider supporting the effort with a donation. All those donating will have their name and callsign or logo shown on our qsl card.



We are extremely grateful for the generosity of the , especially Geoff and Uli in hosting us again for our 2022 event.

Field Day 2022



Tony, WA8AR
Field Day Chairman



FIELD DAY 2022 is in the History Books

Our results are being tallied up and will be submitted to the ARRL prior to the submission deadline. So far all is looking good for K8BF - 4A - Ohio. **A full report will be in the August issue of *The RADIOGRAM*.**

This year brought back the Saturday dinner which was enjoyed by all that attended. The food was great and there was plenty for seconds and late night snacks. Early reports indicate everyone involved had FUN. Everyone stayed safe and enjoyed the 24-plus hours of Field Day Fun with PCARS.



Field Day 2022 - How Did YOU Do?

So, how did you do? Where did you participate from? Were you at the PCARS Field Day site, from home, in a park, mobile? I hope you took some photos!!!

Send in your stories and photos so they can be shared in the August issue of '*The RADIOGRAM*'.

Send your Field Day 2022 story to kb8uuz@gmail.com Please send it in .TXT (text) format and include the photos (large format & in-focus) as attachments to the e-mail.

We are all looking forward to your inputs for the August newsletter !!!



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



PCARS VE Testing Information & News

Tom, KB8UUZ
PCARS VE Team Liaison



We will have a VE Test Session August 6th 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.

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 (see below)
- 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

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.

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/>

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 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

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 took effect on April 19, 2022.

VECs and Volunteer Examiner (VE) teams will not have to collect the \$35 fee at exam sessions. New 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](#)).

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.

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.

=====

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>

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



Alliance Radio Club Raffle

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

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

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

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



John, WG8X



Like most of us, I've been busy with Field Day planning. The tried & true Windows 7 machines that we've counted on over the years in Alliance finally needed replaced. So, I've spent my spare time in the last couple weeks replacing these old dinosaurs. I should have been working on my article for The Radiogram, but my time was instead spent re-learning networking. Following is not the fastest article I've ever written, but it's in the top 5.

And, I'm back on the road again. When the price of gas initially hit five dollars a gallon I lost interest in activating parks. Putting in lots of miles for activating a new one just didn't hold the same allure, when faced with the cost of the trip. I tried to get interested in hunting from home, but there's just too many other things vying for my attention there. To be honest, my favorite part of Ham Radio right now is still getting in the truck and driving to some remote location to play radio. After finishing this article, I have a short 250 mile rove planned. The gas companies are going to love me over the next month.

A few years back, I completed my "**Worked All Ohio State Parks**" award; one of only 2 that have been issued so far. Plaque #1 is my most treasured award, because of the amount of work that went into it. So how do you follow up something like working and confirming all 75 Ohio state parks? In my case I decided to pursue the "Activated all Ohio State Parks" award. I'd been activating parks for a few years, thanks to **OSPOTA**. But I give **NPOTA** (*the ARRL used OSPOTA as a model for their National Parks contest*) credit for really kicking things into high gear. I did my first park; Beaver Creek State Park, back in 2010. I still visit that one whenever I get the chance.



Activating all Ohio State Parks isn't an easy award to chase, since the Ohio State Parks are, well, all over the state. But, with 67 parks in the log so far, the end is now in sight. Look for a wrap up on that in next month's issue of The RADIOGRAM.

The summer "**Support Your Parks**" Plaque event is coming up on the weekend of July 16 and 17th. Beginning at 0000Z on Saturday, and going until 2359Z on Sunday, the bands will be alive with parks stations. They will be looking for contacts with anyone, anywhere. If you're a hunter, it's a great time to get a lot of new parks in your log. If you're an activator, it's a great time to get out there to your favorite park and hand out some contacts.



The Support Your Parks (SYP) weekends happen 4 times a year, but the summer SYP weekend is when we work towards plaques. It's always well attended. You can learn more about these events at <https://parksontheair.com/>

If you're interested in parks on the air, would like to learn more, make sure to come out to our July meeting on the 11th. I'll be doing a program on **Parks On The Air**; both live & via Zoom.

If you're interested, but aren't quite sure how to get started, or maybe are active, but just want some tips make sure to put this on your calendar.

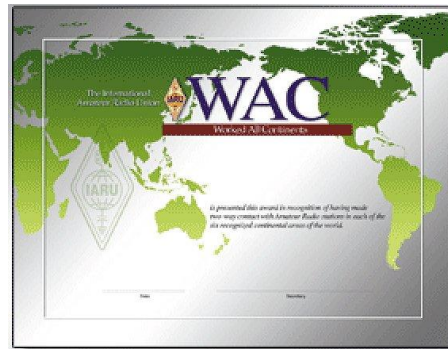
And that's all I have for now. We'll see you at the club meeting.

73 DE WG8X



Worked All Continents Award

The Worked All Continents (WAC) award is sponsored by the International Amateur Radio Union (IARU) and is issued for working and confirming all six continents. This means **one QSO** with each of **North America, South America, Oceania, Asia, Europe and Africa**. A total of **6 QSOs**.



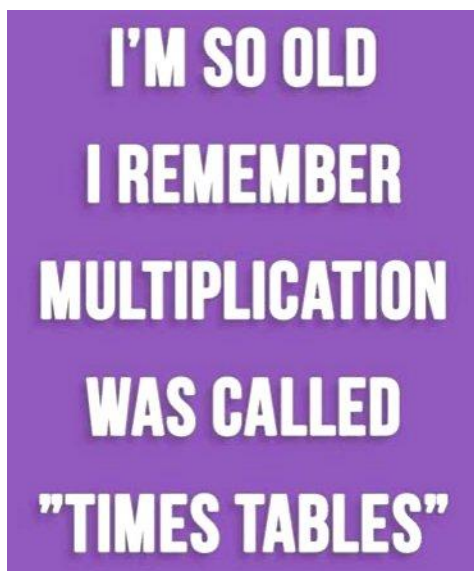
A Five-Band Worked All Continents award is also available. You must work and confirm all six continents on each of the 5 primary Amateur bands of 80, 40, 20, 15 and 10 Meters. The Five-Band WAC is strictly a band-only award, it cannot be endorsed on any mode. For more information, visit www.iaru.org/on-the-air/operating-awards/ . ARRL web link: <http://www.arrl.org/wac>

Happy Birthday PCARS Members

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

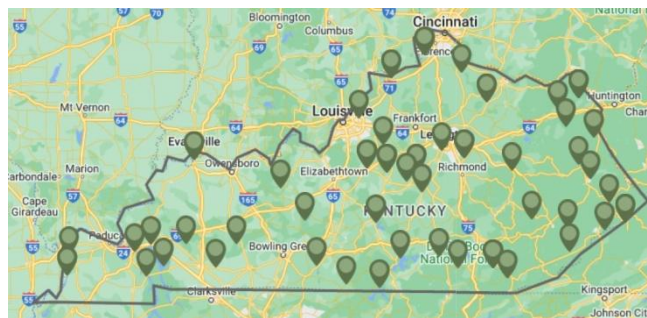
| | |
|--------|-------|
| KE8MXR | John |
| AC8QG | Nick |
| N8ZPS | Brian |
| KE8TFJ | Eric |
| N2KWW | James |
| N8HUC | Karen |
| KE8HTL | Mark |

| | |
|--------|-------|
| KD8LDG | Don |
| W8PT | Chuck |
| WB9LBI | Bill |
| G0BPS | Dick |
| N8QZ | Paul |
| W3JL | Cory |



Kentucky State Parks On The Air

KyPOTA



Be sure to mark your calendar for the 2022 Kentucky Parks On The Air (KyPOTA) contest
August 13, 2022 Time: 1400 UTC to 2200 UTC (9 am - 5 pm CDT).

The KyPOTA contest was conceived with three main goals in mind:

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

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

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

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

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

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

Questions? Email: KyPOTA@murray-ky.net. When the KyPOTA contest is over, send Logs to KyPOTA@murray-ky.net by August 27, 2022 or 14 days following the event.

Contest rules can be found at: <https://k4msu.com/kypota/>

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

Murray State University Amateur Radio Club

"Promoting Amateur Radio in Western Kentucky"



FOR SALE

WANTED

FOR SALE

WANTED

FOR SALE

ASSISTANCE NEEDED: My husband Neil (N8IL) was a member of PCARS. He passed away in December and I was wondering if one of the club members would be able to give me some help with information about selling or giving away the antenna and tower we have here at the house. Can you please let me know if this is possible? Thanks.

Contact: Lisa Gerren via email: lgerren1@gmail.com [9/02/22]

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: 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]

FOR SALE: Collins 30L-1 desk amplifier, CCA rating: Good. used 572B's and gets approx. Brand New Rectifier Board, 750 watts out. QRZ price= \$650 PCARS member price= \$575 Pickup only.

Contact: Al, WA8CCU at 330-562-4770 or email: radioflyer73@roadrunner.com [8/02/22]

FOR SALE: from Terry KB8AMZ (SK) estate: Gin Pole - Dual Band 2m/70cm 5-element Yagi - Standoff bracket for antenna tower, approx. 16" wide x 36" deep - Military style 5' ribbed fiberglass poles (five) in duffel bag with stakes, guy rings, guy ropes - Parts for Mosley Antenna, TA-53M Coils and hardware (missing aluminum boom and elements) - Mosley TA-40-KR 40 Meter Add-on (can be used with TA-53-M) - Yaesu FT-60R with extra battery but no charger - Standard FM Tri-Band (6M,2M,70cm) XCVR C5900 with separation cable CAW59 and microphone - Heathkit Station: HFT-9, HSA-9, HW-9, HM-9, HW-7, HW-8, HWA-7-1; Much miscellaneous. **Items available for sale at Club Site at most Tuesday SIG's and Net Night at Club (4th Thursday)**

Contact: Greg KA8TOA, Mike KB8TUY, Rick KD8WCK or Paul KE8EGF [8/02/22]



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



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.

=====

07/09/2022 - Intercity Amateur Radio Club - Mansfield Trunkfest - 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

=====

07/16/2022 - NOARS FEST - Location: Lorain County Community College - 1005 Abbe Rd. N. - Elyria, OH 44035 - Sponsor: Northern Ohio Amateur Radio Society - Talk-In: 146.70 (110.9) - Public Contact: Carl Rimmer , W8KRF - 3821 West 152nd Street CLEVELAND , OH 44111 - Phone: 216-256-9624 - Email: noarsfest@noars.net

=====

08/06/2022 - Columbus Hamfest - Location: Aladdin Shrine - 1801 Gateway Circle - Grove City, OH -43123 - Website: <http://columbushamfest.com> - Sponsor: Aladdin Shrine Audio Unit - Talk-In: W8FEZ 146.760- PL 123.0 - Public Contact: Art Wilson , N8ART - 182 Alexander Lawrence Dr. Pickerington, OH 43147 - Phone: 614-256-5829 - Email: n8art@yahoo.com

=====

09/11/2022 - Findlay Hamfest - Location: Hancock County Fairgrounds - 1017 East Sandusky Street - Findlay, OH 45839 - Website: <https://www.findlayradioclub.org/> - Sponsor: Findlay Radio Club - Talk-In: 147.150 PL88.5 - Public Contact: David Dryden , KD8AVT - 1926 Windsor Pl Findlay, OH 45840 - Phone: 419-348-1569 - Email: KD8AVT@findlayradioclub.org

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.

| July | |
|------|--------|
| 7 | N8QE |
| 14 | WB8LCD |
| 21 | KA8TOA |
| 28 | K8CAV |
| | |

| August | |
|--------|--------|
| 4 | K8YLK |
| 11 | N8WCP |
| 18 | KD8WCK |
| 25 | KA8TOA |
| | |

| September | |
|-----------|--|
| | |
| | |
| | |
| | |

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

Flex Net

Rick, K8CAV
Flex Net Coordinator



The next PCARS Flex Net will be held on Wednesday July 8th at 8:00 PM. This month we'll be operating on 6 meters FM, **52.54 MHz FM**. Technicians have privileges on 6 meters so this is a great time for Technicians to participate in the Flex Net.

The Flex Net was established for a number of reasons. First, for PCARS members, it's a great place to confirm contact with other PCARS members to work towards the **PCARS A – Z Award**. It's also a fun net to participate in and to evaluate your station on a particular band and mode. Last, it's a place where you can polish your net communications skills in sometimes challenging conditions.

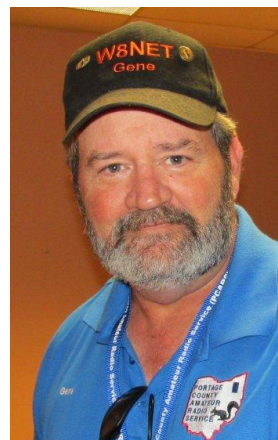


PCARS K8BF
The Club that puts the FUN in Ham Radio!



Legend of the Wouff-Hong

Gene, W8NET
Bill Dobson, N3WD



Preface

The legend of the “Wouff-Hong” spans the history of amateur radio. As you will read, it is a moniker of “good practices” as a ham. Check out this article for more information: <https://www.onallbands.com/what-is-a-the-wouff-hong/>



I believe I met Bill Dobson, N3WD, in 2008 or 2009. Since then, I am privileged to call him great friend. I am hosting the 3905 Century Club 2022 Eyeball in Brimfield, OH on July 28-31 (www.3905ccn.org). Bill has hosted twice, in Gettysburg and Baltimore. **Bill will be presenting a 70+ year old Wouff-Hong to PCARS on Thursday, July 28th, 2022, at the PCARS club site in Ravenna.** This will also be the night for the Net Night at the Club. Be there for the presentation, and meet Bill and other great 3905 Century Club members!

Bill's letter to PCARS:

Wouff-Hong Origin - The Old Man" (T.O.M.), originator of the Wouff-Hong and the Rettysnitch, is known to be the one and only Hiram Percy Maxim, W1AW, founder of the American Radio Relay League (ARRL) in 1914. “T.O.M.” (pen name of W1AW) wrote his first mention of a Wouff-Hong and a Rettysnitch in 1917. In 1919, the league received an actual Wouff-Hong specimen directly from “T.O.M.” The first photo of the Wouff-Hong was published in July 1919 *QST*. The Loyal Order of the Wouff-Hong is real. There is a secret ceremony one has to attend to become a member.



Baltimore Amateur Radio Club (BARC) W3FT

Origin – We have some records that mention a radio club in Baltimore know as the Mike & Key Club for the late 1930's. When the bombing of Pearl harbor on June 7, 1941 all amateur radio communications ceased and we do not have any records of the club. The next piece of history comes after WWII. In the January 1946 issue of *QST* in the section managers report from MDC it makes note that a group calling themselves the “Baltimore Amateur Radio Society holding a banquet at the Park-Plaza Hotel on November 9th 1945.

During the spring of 1946 a number of local hams indicated interest in reactivating the pre-war club. Informal meetings followed. Of interest was two names Sam Grossman, W3FT and Ernie Dobos, W3JCL. On July 1, 1946 a group of hams formed a group with the purpose writing a constitution. Hence, we consider July 1, 1946 as the official birthday of our club. In September of that year the club became an official corporation in the state of Maryland. Know as the Baltimore Amateur Radio Society. It was later that the club changed it's name to the Baltimore Amateur Radio Club. In the early 1970's the club files and became a 501(c)3 organization in the state of Maryland.



BARC's Wouff-Hong - The reason I mention all of the above is so you can understand a little of the history of the club and some of its players. I need to add some additional detail to one such member at this time. Ernie Dobos, W3JCL. Ernie was one of the clubs founding fathers and signer of not only the club's original constitution but also the club's

corporation papers. Ernie was a very unique individual to say the least. He owned his own business the “Amateur Radio Center” on 36th street in the neighborhood known as Hampden in Baltimore City, MD. Hampden is known for the famous Baltimore saying of Hun. It is to this day still has Hunfest. This is also the neighborhood in the city that the movie “Hairspray” was about. We know that the “Amateur Radio Center” was around in the 1950’s from ads placed in the club’s newsletter “The Modulator”.

When I first got my license at the tender age of 15 in 1975. I actually passed my Novice exam in Nov of 1974 but had to wait and wait until the actual license came in the mail. On March 18th 1975 there was a piece of mail waiting for me when I got home from school. The FCC had issued a license to me - WN3ZER. After a few months of CW only at 75 watts it was time to get studying on my general. In the late spring of 1976 I was issued WA3ZER. My father as a 16th birthday present gave me money to go to Amateur Radio Center in Baltimore and get a Mosely TA-33 Jr tri-band beam, rotor and cable and coax to put on the chimney of the house.

This was my 1st introduction to Ernie. To say even that he was the poster child of a very grumpy old man was an understatement. When I started asking questions it was obvious he had no time to answer to him what was trivial questions of a young ham. Fortunately, for me his wife Shirley also a ham was just the opposite. She took me under her mother hen’s wing and we got all the items I needed and an education.

As I became more and more involved in the hobby I found the Baltimore Amateur Radio Club. I went to a meeting where I met my soon to be elmer, Al Nollmyer, W3YVQ. Otherwise know to many hams in the Baltimore area as “Father Al”. I also kept running into Ernie and Shirley at the meetings.



As time went on I became more and more involved with BARC. Ernie start to actually talk to me and actually give some wisdom. He saw that I wanted to soak up all the information I could about ham radio. I was soon invited to the Saturday morning group that met in the basement of the Amateur Radio Center for coffee and doughnuts. It was a group that got together to just chew the rag. Remember this is in the early 80’s before the internet.

It was then I was introduced to the “Wouff-Hong”. The one that is now with your club. I was told that it came to be in the early 1950’s [W8NET: this Wouff-Hong was made between 1948 to 1952, like others in the era] and presented to Ernie. In early 1982 thanks to my elmer, Al, I was officially inducted into the Loyal Order of the Wouff-Hong. I finally knew what exactly that thing on the wall was.

In the early 1990’s Ernie passed away. The Amateur Radio Center was then given to Eddie who was the long time service technician of the shop. As things were drastically changing in both the world of electronics and also the city itself, Eddie decided to close the store in 1994-1995 time frame. [W8NET: I lived in Baltimore in 1981-1982. I remember visiting The Amateur Radio Center, but don’t remember meeting Bill at that time.] At the time I was Vice -President of the BARC, an official member of the Saturday Morning Coffee Club and more importantly a member of the Loyal Order of the Wouff-Hong. I was presented with the Wouff-Hong to be its keeper.

In 1999 BARC moved into it’s very own club house. I then brought the Wouff-Hong to the club and made a bracket so that it could hang on the wall with pride and honor. In 2014 the club moved out of the building and I once again became the steward of the Wouff-Hong. Since BARC now meets on-line and to my knowledge no one else in the current club is a member of the Loyal Order of the Wouff-Hong, I decided to find it a new home where it would be appreciated and can once again hang in a place of honor.

When I meet PCARS for the official presentation, I ask that a member of your club that is also a member of the Loyal Order of the Wouff-Hong (if any) be present to accept it officially. I also have one additional stipulation. If for any reason your club no longer has its own facility or dissolves that you find another club that will keep the history of this now 70+ year old Wouff-Hong the ability to live on.

Bill Dobson, N3WD
Vice President
Baltimore Amateur Radio Club
3905 Century Club Master Degree Holder #43





Field Day 2022: 500,000 Contacts Already Reported

2022 ARRL [Field Day](#) wrapped up nearly a week ago, and ARRL Headquarters has already received over 2,400 entries submitted via the online [Field Day Entry web application](#). Early analysis reveals that most of the entrants participated as Class D -- home stations, and Class E -- home stations using emergency power.



As of June 29, the breakdown of Field Day entries by Class showed 2,723 total entries, with 272 in Class A, 361 in Class B, 32 in Class C (mobile), 1,524 in Class D, 484 in Class E, and 50 in Class F.

So far, a total of over 517,000 contacts were reported for the event and those numbers are changing daily. In 2021, there were 1.5 million contacts made during Field Day activities.

Many participants were keeping their hopes up for better propagation, as early forecasts were looking promising. ARRL Contest Program Manager Paul Bourque, N1SFE, said that propagation aside, there was substantial activity. "While band conditions might not have been the greatest, there was a good amount of activity on the bands this past weekend. Many participants seemed to agree that the recent rule changes, capping transmitter power output to 100 W, were a good idea," he said.

Dustin Lomax, KF7FK, reported in his Soapbox comments that it was his first Field Day in which he used CW, adding that "CW was a fun change of pace that really helped make the most of marginal band conditions in WWA [Western Washington]."

Kristi Milluzzi has made a commemorative Field Day cake for each of the last three years, featuring the event's logo. She recently married Andy Milluzzi, KK4LWR, of Clermont, Florida. Andy is a member of the ARRL Public Relations Committee, and co-advisor to the ARRL Collegiate Amateur Radio Program.



There is still plenty of time to submit your 2022 Field Day entry. Participants who submit their entries using ARRL's [Online Submission Form](#) can earn 50 bonus points and will receive an email confirmation of their completed entry. Be sure to check the [Entries Received](#) web page to verify your entry's status. If it indicates "Pending documents," the required dupe sheet (or in lieu of that, a Cabrillo log file) or other supporting documentation of claimed bonus points is missing.

Participants can edit or add documentation to their online submissions by using the link provided in the confirmation email. Field Day entries must be submitted online or postmarked no later than 2059 UTC on July 26, 2022.

2022 Field Day was highly promoted thanks to the efforts of many ARRL Division and Section volunteers, amateur radio clubs, and their members. Many states and counties obtained special proclamations from local governments designating the weekend (in some cases the whole week) as Field Day and Amateur Radio Week, recognizing the many contributions of amateur radio operators during emergencies and with serving their communities.

ARRL treated participants with a live video stream from W1AW, its Headquarters' station, throughout Field Day. Life Member Karl Schwab, KO8S, of Warren, Michigan, was delighted with making contact with W1AW during Field Day. "I heard W1AW calling CQ Field Day on 20 m SSB," wrote Schwab. "I responded and then heard, 'Kilo Oscar Eight Sierra, you're 5 Foxtrot Connecticut.' I responded with my report, and got in their log. ... After Field Day, and uploading my log, I went to the ARRL website and there I found a 4-hour video was available on YouTube, showing W1AW during their Field Day activities. While watching this video, at hour 2, minute 55, I heard and saw my live contact with them! [This] was a special moment for me. One I will never forget." A recording of the W1AW live stream is on ARRL's [YouTube channel](#).

We're back! International Amateur Radio Exhibition Celebrates Relaunch

2022 Ham Radio, the International Amateur Radio Exhibition, held last weekend (June 24 - 26) in Friedrichshafen, Germany, drew enthusiastic crowds and amateur radio enthusiasts from 52 countries.

Messe Friedrichshafen Managing Director Klaus Wellmann and Project Manager Petra Rathgeber said the event attracted 10,200 participants. While attendance was down (14,300 in 2019) because of COVID, visitors and exhibitors were upbeat -- a sentiment reflected in the event's slogan this year: "Seeing Friends Again."

"Together with our outstanding partner, the German Amateur Radio Club (DARC), we have put on a top-notch trade fair with a wide-ranging supporting program," said Wellmann and Rathgeber in a joint statement.

There were 129 commercial exhibitors and associations with 265 flea market exhibitors from 27 countries. DARC Press Spokesperson Stephanie Heine, DO7PR, and DARC Chair Christian Entsfellner, DL3MBG, emphasized the event created a unique space for meeting others in person, and fulfilled its role as a driver of the future of amateur radio. "Together we laid the foundation for the regional emergency radio groups at the fair, and we will launch a nationwide concept for emergency communications in the near future," said Heine.

Seen in Friedrichshafen: well-known Contester and DXpeditioner Adrian Ciuperca, KO8SCA (middle) meets up with ARRL President Rick Roderick, K5UR (left) and CEO David Minster, NA2AA (right). [Bob Inderbitzen, NQ1R, photo]



ARRL was among the participating [International Amateur Radio Union](#) (IARU) member-societies exhibiting at the convention. Representing ARRL in Germany was President Rick Roderick, K5UR and his wife Holly Roderick; CEO David Minster, NA2AA; Director of Operations Bob Naumann, W5OV, and Director of Public Relations and Innovation Bob Inderbitzen, NQ1R.



Bob Naumann led a team of ARRL volunteers who supported DXCC card checking at its stand -- a service that's very popular within the international ham radio community.

"It was fantastic to visit with so many members and friends in Germany," said Inderbitzen. He noted that ARRL has thousands of International Members. "*QST* magazine is among the most recognized amateur radio journal in the world -- and draws many hams to ARRL for membership," he said. "Other popular membership benefits include ARRL Equipment Testing and *QST* Product Review; our entire suite of digital magazines, including *QEX*, *NCJ*, and *On the Air*; and member-pricing for popular ARRL Awards." He also noted ARRL's

role in protecting and promoting amateur radio worldwide, and as Secretariat for the International Amateur Radio Union (IARU).

A short video tour from the convention is posted to ARRL's [YouTube channel](#).

An ARRL VEC administered exam session was held during the convention in Germany, supporting visitors seeking prepared to take their US Amateur Radio Service license exams. The ARRL VE team included (left to right) Manfred Lauterborn, K2PZ; Vivien Lauterborn, KD5VL; Frank Kosidowski, K6OE; Jean-Luc Missler, AK8DX; Timothy Sass, KD8BLT, and Charlie Balla, AC8QT. [Bob Inderbitzen, NQ1R, photo]



Amateur Radio in the News

ARRL Public Information Officers, Coordinators, and many other member-volunteers help keep amateur radio and ARRL [in the news](#).

["Amateur radio operators: One of the first lines of defense when a hurricane hits"](#) / WJXT-Channel 4, WCWJ-Channel 17 (Florida), June 26, 2022 -- *Clay County Amateur Radio Emergency Service is an ARRL Affiliated Club.*

["Amateur radio operators test skills during annual 24-hour test"](#) / ABC 5 KSTP (Minnesota), June 26, 2022 -- *The Stillwater Amateur Radio Association is an ARRL Affiliated Club.*

["Amateur Radio Operators prepared to help during emergencies"](#) / ABC 27 (Florida), June 26, 2022 -- *The Tallahassee Amateur Radio Society is an ARRL Affiliated Club.*

["Local amateur radio club joins counterparts across North America for annual field day"](#) / Trib Total Media (Pennsylvania), June 27, 2022 -- *The Skyview Radio Society is an ARRL Affiliated Club.*

["Local "hams" attend national field day for amateur radio"](#) / The Monroe News (Michigan), June 27, 2022 -- *The Monroe County Radio Communications Association is an ARRL Affiliated Club.*

["Amateur Radio Operators preparing to communicate in the worst of times"](#) / 21WFJM (Ohio), June 25, 2022 -- *The Mahoning Valley Amateur Radio Association is an ARRL Affiliated Club.*

["Hawaii amateur radio operators to participate in emergency communications drill July 16, 2022"](#) / KITV (Hawaii), June 28, 2022 -- *The Hawaii Amateur Radio Emergency Service (ARES) is an ARRL Affiliated Club.*

Bob Wilson, N6TV, shared photos from the 2022 Dayton Contest University and Contest Dinner via Google Photos.

Photos from Contest University are viewable at <https://photos.app.goo.gl/uACtyCpZ5iVDBbE46>

Photos from the Contest Dinner are viewable at <https://photos.app.goo.gl/9aMmCKxEmFUWP7co8>

- Thanks to Bob Wilson, N6TV



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



Portable Ops Special Interest Group

John, WG8X
Portable Ops SIG Coordinator



July 12, 2022 - POTA's 'Support Your Parks' Weekend

Our next Portable Operations SIG (Special Interest Group) we'll be talking about the upcoming POTA "Support Your Parks" weekend. What it is, and how you can participate.

As usual, we'll also talk about anything else, QRP, mobile, antennas, and of course, Field Day. We'll have a sneak peek at the POTA Self-uploader.

We'll be meeting on July 12th, at 7PM in person at the club site - 705 Oakwood St, Ravenna - or via Zoom. Here's the link to join the Zoom Meeting:

<https://us02web.zoom.us/j/89732195744?pwd=cldtZmxMcMfQqQndhQWtJN0s2NUNnUT09>

Meeting ID: **897 3219 5744**
Passcode: **PCARS2022**

Digital Special Interest Group

Rick, K8CAV
Digital SIG Coordinator



Tuesday July 5th at 7:00 PM

The next PCARS Digital Special Interest Group meeting will take place on Tuesday July 5th at 7:00 PM at the club site in Ravenna. We will also simulcast by Zoom, see the link below. This month we'll be evaluating Digital Operations at the Flex Station during Field Day, the good, the bad, and the ugly. (isn't that a movie title? Haha)

As always we'll have time to answer any questions or provide help for anything relating to digital communications. I hope to see you there!

Join Zoom Meeting:

<https://us02web.zoom.us/j/88355094567?pwd=ZzRvd1hmQWNaYlZEcGF0dVhuNlNiQT09>

Meeting ID: **883 5509 4567**
Passcode: **PCARS2022**



Paper Chase - Whiskey Rebellion

Joe, W8KNO

W3R - Whiskey Rebellion Special Event Station



The Whiskey Rebellion took place in western Pennsylvania in 1794.

Washington sending in troops to quell what some feared could become a full-blown revolution. Opposition to the whiskey tax and the rebellion itself built support for the Republicans, who overtook Washington's Federalist Party for power in 1802. The Whiskey Rebellion is considered one of the first major tests of the authority of the newly formed U.S. government.

They will operate from July 5th to 8th on 7.280, 14.280 and 18.160 Mhz. A QSL and Certificate is available by sending your QSL to: Bill Steffey, NY9H - 401 Belts Lake Rd. - Radio Hill - Prosperity, PA 15329

The Washington Amateur Communications will operate a Special Event Station, W3R, to remember the Whiskey Rebellion.



The Whiskey Rebellion was a 1794 uprising of farmers and distillers in western Pennsylvania in protest of a whiskey tax enacted by the federal government. Following years of aggression with tax collectors, the region finally exploded in a confrontation that resulted in President

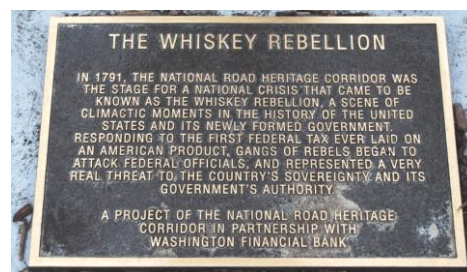


More on the Whiskey Rebellion



Angered by an excise tax imposed on whiskey in 1791 by the federal government, farmers in the western counties of Pennsylvania engaged in a series of attacks on excise agents.

While citizens in the east did not find it difficult to abide by the concept that individual states were "subservient to the country," people west of the mountains were less accepting of decisions made by the central government. The tariff effectively eliminated any profit by the farmers from the sale or barter of an important cash crop, and became the lightning rod for a wide variety of grievances by the settlers of the region against the federal government.



The rebel farmers continued their attacks, rioting in river towns and roughing up tax collectors until the so-called "insurrection" flared into the open in July of 1794 when a federal marshal was attacked in Allegheny County, Pennsylvania. Almost at the same time several hundred men attacked the residence of the regional inspector, burning his home, barn and several outbuildings. Pittsburgh was another scene of disorder by enraged mobs.

On August 7, 1794, President Washington issued a proclamation, calling out the militia and ordering the disaffected westerners to return home. Washington's order mobilized an army of approximately 13,000 - as large as the one that had defeated the British - under the command of General Harry Lee, the then-Governor of Virginia and father of Robert E. Lee. Washington himself, in a show of presidential authority, set out at the head of the troops to suppress the uprising.

This was the first use of the Militia Law of 1792 setting a precedent for the use of the militia to "execute the laws of the union, (and) suppress insurrections," asserting the right of the national government to enforce order in one state with troops raised in other states. Even more importantly, it was the first test of power of the new federal government, establishing its primacy in disputes with individual states. In the end, a dozen or so men were arrested, sent to Philadelphia to trial and released after pardons by George Washington.

Charlie the Tuner's HF High-Lites

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



Greetings DXers

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

Happy 4th to all. Be careful how you use your recently purchased fireworks. Keep them away from kids, animals, and wire antennas. And if they are large enough, please keep them away from your yagis. There is a lot of activity on the bands these days and the following is just a small sample of what you can hear this month and into the next.

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, the AB5K's AR Cluster Networks, NJ1Q & W1AW, NG3K & ADXO, W3UR & The Daily DX, W4VQ, W6IBU, K8YSE, W8GEX & 60m DX News, W8HC, DL1SBF, DL7UXG & The DX News Letter, DXNews.com, DX-World.Net, EP3CQ, F6AJA & Les Nouvelles DX, I1JQI/K1ADH & 425 DX News, Sixitalia Weekly, VA3RJ & ICPO ad VK5GR 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.

CY0S SABLE ISLAND DXPEDITION NEWS (Update). Murray, WA4DAN, reports the following: "Planning continues to go well for the October/November 2022 CY0S DXpedition. The team submitted to the ARRL DXCC Desk the Parks Canada approval documents. The team is hoping to have the exact dates for the DXpedition before the end of June. The fundraising continues to go well and the team is very appreciative of the worldwide support. Thank you!"

July...

3A, MONACO. Ops Paul/F6EXV and Flo/PB8DX active as 3A/F6EXV and 3A/PB8DX, respectively, from Monaco during the first half of July. Also, look for special activity on 6 meters as 3A6M, thanks from some help by local members of Association of Radio Amateurs from Monaco (ARM). Paul states, "QSL 3A/F6EXV, 3A/PB8DX and 3A6M via F6EXV on ClubLog. Please do not send your card, only use ClubLog. QSL via ClubLog for direct or Bureau. LoTW will be uploaded in full 6 months after the operation."

7T60, ALGERIA (Special Event). Members of the Great Desert Djelfa Radio Club (7X2VFK) will be using the special event callsign 7T60A to celebrate the 60th anniversary of Algeria's Independence Day. The special callsign will be used between July 1-30th. QSL via: BOX 063, DJLEFA 17000 ALGERIA.

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.

BX0, TAIWAN. Ken, BW2/JP1RIW, will be active as BX0QSL from New Taipei City, Taiwan, between July 11th and November 30th. Activity will be mainly on the Digital modes. QSL via BM2JCC.

DU, PHILIPPINES. Reminder 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.

FS, St. MARTIN ISLAND. Paul, W7NZJ, will once again be active as FS/W7NZJ from Orient Beach, St. Martin (NA-105, DIFO FS-001, WLOTA 0383) between July 13-20th. Activity will be on 40-10 meters and only on the CW and the Digital modes (20-10m), using an Icom 706 with 100w into a 20m dipole and Buddistick. QSL via eQSL.

JX, JAN MAYEN. Reminder 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.

MD7, ISLE OF MAN. Rich, M5RIC, will be active as MD7C from the Isle of Man (EU-116) during the RSGB IOTA Contest (July 30-31st) as a Single-Op/SSB-Mode entry. QSL via M0OXO.

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

TM50, FRANCE (Special Event). Members of the Val d'Issole Radio Club Dpt. 83 (F8KGH) will be 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.

V4, ST. KITTS. John, W5JON, will once again be active as V47JA from his Calypso Bay, St. Kitts, West Indies vacation home, located 200 feet from the Caribbean Sea, between July 12-28th. Activity will be on 160-6 meters (incl. 60m) using SSB and FT8. Equipment is a Yaesu FT1000MP, FT450D and an Elecraft KPA500 Amplifier. John states his antennas are a Mosley Mini32A 10/15/20m, 33' Vertical 10-40m, 35' Top Loaded 80m Vertical, 160m Vertical and 6m 5 element Yagi. ALL QSLs go to W5JON direct or via LoTW. NO Bureau QSLs.

VK90, AUSTRALIA (Special Event Reminder). Look for special event station VK90ABC to be 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).

VK0M, MACQUARIE ISLANDS. Mat, VK0HZ/VK5HZ, reports on QRZ.com that he is on Macquarie Island (AN-005). He states [edited]: Still setting things up, but hope to be on air more from mid-June for a few months, should be active on SSB and FT8. Rig IC-7100, tuned vertical whip. Currently have quite a high noise floor - planning to relocate to a more RF quiet area soon... QSL arrangements TBC.

YN, NICARAGUA. Rafael, NN3RP, will be active as YN2RP from Granada (his home call) starting July 5th through August 2nd. Activity will be on various HF bands and FM satellites using CW, SSB, RTTY, FT8/FT4 and VarAC Digital modes. QSL via NN3RP, LoTW, or eQSL.

ZY0F, FERNANDO DE NORONHA. Eduardo, PY2RN, will be active as ZY0FUN from Fernando de Noronha Island (SA-003) between July 1-5th. Activity will be holiday style on 40-10 meters using CW and FT8, 6 meters FT8, and Es'Hail-2/QO-100 Satellite using CW, SSB and FT8, as well as RS-44 (SSB), AO-7 (SSB) and AS-91/SO50 (FM). He will also be on 40 through 10 meters on CW and FT8 and 6 meters on FT8. All QSOs will be confirmed on LoTW as soon as possible. For those who need a paper QSL card, it will be available through ClubLog's OQRS.

August...

3B9, RODRIGUES ISLAND. Members of the Mauritius Amateur Radio Society (MARS) are planning to activate Rodrigues Island (AF-017) between August 5-9th. Operators mentioned are Francois/3B8BAN, Jacky/3B8CF, Patrice/3B8FA, Gerard/3B8FV and Patrick/3B8GF. Activity will be on all HF bands and three QO-100 portable satellite stations. Complete details and the callsign have not been released yet. Be looking for more details to be forth-coming.

5H, TANZANIA. Eugen, DL8AAI, is expected to be active as 5H2JK from the Kilimanjaro region in August. QSL via DL8AAI.

A3, TONGA. Masa, JA0RQV, active as A35JP from Nuku'alofa, Tongatapu Island (OC-049) between Aug 20th and Sept 24th. Activity on 80-6 meters using CW, SSB and FT8. Equipment is an IC-7300 w/100W into a Vertical antenna. QSL via LoTW and ClubLog, or direct w/2 USDs or by the Bureau via his home callsign JA0RQV. He states, "If you need paper QSL, please be patient to receive it because I will be able to issue paper QSL after I return to Japan in October 2022. Please do not send SASE to my home address." He also mentions, "Sorry but I cannot activate any outer islands this time such as Niuaotupapu (OC-191), Niuafo'ou (OC-123), Vava'u (OC-064) and Ha'apai (OC-169) due to restriction of transportation of COVID19."

JW, SVALBARD. Tom, KA1IS, will be active as JW/KA1IS from the Longyearbyen club station (JW5E) on Spitsbergen Island (EU-026) between August 10-16th. Activity will be on various HF bands using CW and SSB. QSL via his home callsign.

SV, GREECE. Special call sign J43POTA is QRV until August 31 to promote Parks On The Air, POTA, activity from the Peloponnese region. QSL via LoTW.

IOTA News...

EU-006. Fred, ON6QR, will be active as EI/ON6QR from **Aran Island** during the RSGB IOTA Contest (July 30-31st) as a Single-Op/DXpedition/ 24-Hrs entry. QSL via his home callsign.

EU-010. Brice, G0WAT, will be active as GM0WAT from **Isle of Lewis and Harris** during the RSGB IOTA Contest (July 30-31st) as Single-Op/12-Hrs/Mixed or CW/Low-Power entry. QSL info TBD.

EU-045. Alessandro, IU3EDK, will be active as IB0V from **Ventotene Island** during the RSGB IOTA Contest (July 30-31st). Activity will be holiday style and there may be operations before and after the contest. QSL via IU3EDK, direct or by the Bureau.

EU-050. Franco, IZ5IUY, will be active as IL7/IZ5IUY from **San Domino Island, Tremiti Archipelago**, between July 2-21st. Activity will be on 80-2 meters using SSB and FT8/FT4. QSL via IZ5IUY, direct or by the Bureau (preferred).

EU-120. Members of the Newbury & District Amateur Radio Society (NADARS) will be active as G5XV from **Isle of Wight** during the RSGB IOTA Contest (July 30-31), as a Multi 2 -Island-DXpedition/Mixed-Mode/24-Hrs/High-Power entry. QSL via M0OXO.

EU-146. Operators Maarten/PA3EYC, Hans/PE1KWH, Gert/PA2LO, Gerard/PD0PIW and Tymen/PA3GRM will once again be active as PI4AMF/p from **Schouwen-Duiveland Island** during the RSGB IOTA Contest (July 30-31st) as a Multi-2/Island Station/Fixed entry. QSL via PA3EYC or ClubLog's OQRS.

EU-147. Members of the RI1KO team are planning to operate from **Kondostrov Island** (RDA KL-08, RRA RR-02-01, WW Loc. KP84hf) between July 27th and August 3rd. Activity will be on 80/40/20/15/10 meters using CW, SSB and FT8/FT4. Due to a RSGB decision, they will not take part during the IOTA Contest! QSL via R1BET, LoTW and ClubLog.

NA-057. Alex, K6VHF, will be active as K6VHF/HR9 from **Roatan Island** between July 27-31st. Activity will be on 80-10 meters, possibly 6m, using CW, SSB and FT8, with an IC-705. QSL via LoTW, eQSL, direct or by the Bureau to his home callsign.

NA-070. (Update) Ops Yuri/N3QQ, Walt/N6XG, Rob/N7QT, Tim/NL8F & Hal/W8HC have rescheduled their aborted KL7RRC IOTA DXpedition to **Kiska Is** to take place between July 25 and August 1. There will be NO ops from Adak Island. QSL via N7RO.

NA-093. Members of the Locos Por Los DX active as T41DX from **Boca de Galafre Beach, San Juan y Martínez Pinar del Rio, La Habana Province**, between July 14-17. Activity on 80/60/40/30/20/17/15/12/10 meters using CW, SSB, RTTY, SSTV and the Digital modes PSK31/65, JS8, JT9, JT65 and FT8/FT4. Satellite operations MIGHT be possible. QSL via RW6HS direct or LoTW.

NA-112. Alex, AK4AM, active as AK4AM/p from **Emerald Island** (grid FM14pq) between July 3-9. Activity will be on 160-10 meters using Yaesu FT-991A and an Ultimex Antennas DX Extreme about 300 ft. from the ocean waves. QSL only via LoTW.

NA-128. Members of the "NA-128 Contest Group" will be active this year as VX2I from **Ile-aux-Coudres, Quebec, Canada** (FN47), between July 28-31 during the RSGB IOTA Contest (July 30-31) as a Multi-2/DXpedition entry. QSL only via LoTW.

NA-134. Bo, OZ1DJJ, active as OX3LX, but from Upernavik Island (WW Loc. GQ12ws) between June 27 and July 11. Activity will be focused on 6 and 4 m, but also on various HF bands. He states this is NOT a DXpedition, and the best chance to work him will be around lunchtime and after dinner (his local time UTC -2), also during the weekend, possibly at night/morning. QSL via OZ0J direct (see QRZ.com). Logs get uploaded to LoTW, ClubLog and sometimes eQSL. For more details and updates, watch QRZ.com.

OC-139. Grant, VK5GR, reports the following [edited]: We are pleased to announce that VK5KI will for the first time participate in the RSGB's Islands on the Air (IOTA) Contest this year from **Kangaroo Island**, off the cast of South Australia. The operators for this trip will be Grant/VK5GR and Chris/VK5FR. We will be active in the Island Station - DXpedition Multi-2 category in both SSB and CW modes on 80m-10m prior to the contest, and on the main contest bands of 80/40/20/15/10m during the event. QSL cards will again be available through our QSL Manager, Charles, M0OXO.

There will be quite a bit of activity in the next couple of months. The bands have been open more than not for all modes so please use your license privileges and get on the air. 73 until next month.



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



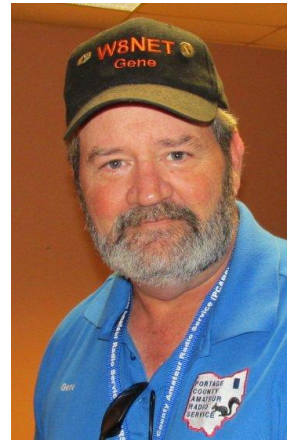
PCARS
www.portcars.org



3905 Century Club Eyeball Coming to Brimfield



Gene, W8NET



The 3905 Century Club is having our 2022 Eyeball meeting in Brimfield, Ohio July 28 through 31, 2022. Your intrepid reporter is the host this year. The main venue will be the Brimfield Community Center at 4538 Edson Rd, Kent (Brimfield), OH 44240.

What is an Eyeball? It is a multi-day get together of 3905 Century Club amateur radio



operators and their families to spend time together in a different part of the country every year. Highlights include QRP nets, club awards, annual board meeting, mobile shoot out, meals, field trips and much more. Many members also provide mobile contacts while to and from the Eyeball. Last year, it was held in Mississippi.

The 3905 Century Club is an international amateur radio club founded in 1977. For over 45 years the club has operated the premier Worked All States, DX and awards nets on the amateur bands and has thousands of members across the globe.

If you want to earn your WAS award or other fun awards this is the place to do it. We run nets on 20m, 40, 80, and 160m in SSB, RTTY, PSK and CW modes. We also offer over 40 awards.

As usual, we will have QRP nets, our annual in-person board meeting, and many other activities. I want to highlight two.

FIRST: One of the high points every year is our Mobile Shootout. For those new to the Club, every year at our Eyeball gatherings, we hold an event called the “Mobile Shootout.” Its purpose is to measure the effectiveness of entered contestants’ own mobile installations. Having an effective mobile setup takes more than just slapping an antenna on your bumper and connecting it to a radio. This competition provides valuable clues about how your installation stacks up.

So, who are the mobile big guns on our nets? And who among them is the “Top Gun?” We all have our opinions, but the Shootout will objectively measure each mobile's signal strength, controlling the variables. When the smoke clears there will be only one wearing the “Top Gun” hat. Will you be the one?



Producing the most powerful signal downrange depends on several components that comprise the complete mobile system. The mobile system includes the antenna itself, the vehicle it is mounted on, the mounting location on the vehicle, the quality of grounding and bonding, and so forth. The Mobile Shootout provides a measurement of the combined effect of ALL these factors via the observed signal strength at the other end of the range.

Any paid attendee at the Eyeball can try their hand at the Mobile Shootout. AND, as a PCARS member, YOU CAN TRY IT AS WELL – FOR FREE! On-site registrations are welcome, but I suggest registration online is better, and faster! The Mobile Shootout is Saturday, July 30 at 9:30am to noon.

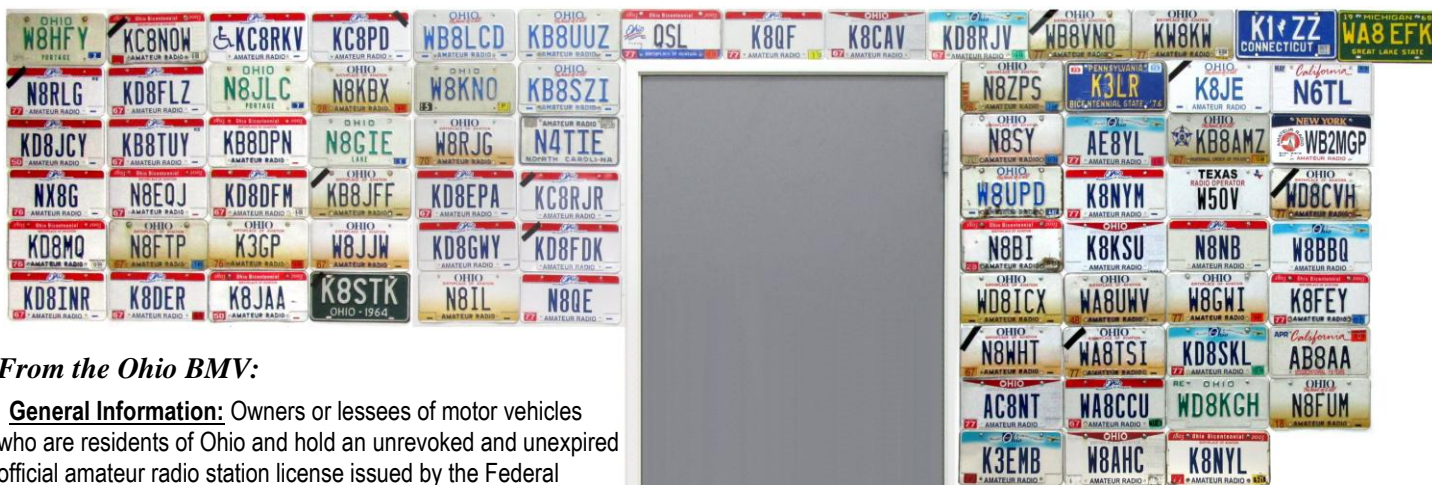
SECOND: The 3905 Century Club will be visiting the PCARS club site on Net Night, July 28, 2022! Some PCARS members know members of the 3905 CCN. This is your chance to meet them in person again. For others, it is a chance to meet another group of incredible amateur radio operators. We will have extra pizza, snacks and soda/water for net night. ALSO, the 3905 CCN will have a “special gift” to PCARS, before the net begins. Big secret. Something old and fun!

All of the details about the 2022 3905 Century Club Eyeball can be found at www.3905ccn.org, or contact Gene Marsh, W8NET at w8net@me.com or 330-619-9194. See you in July!

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.



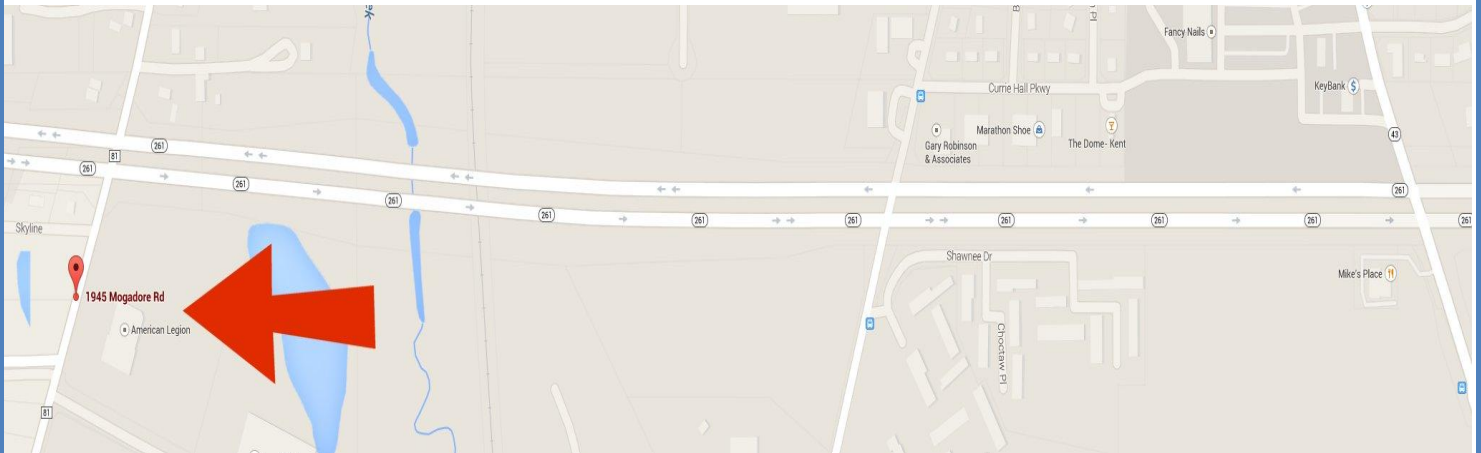
PCARS Meetings

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.

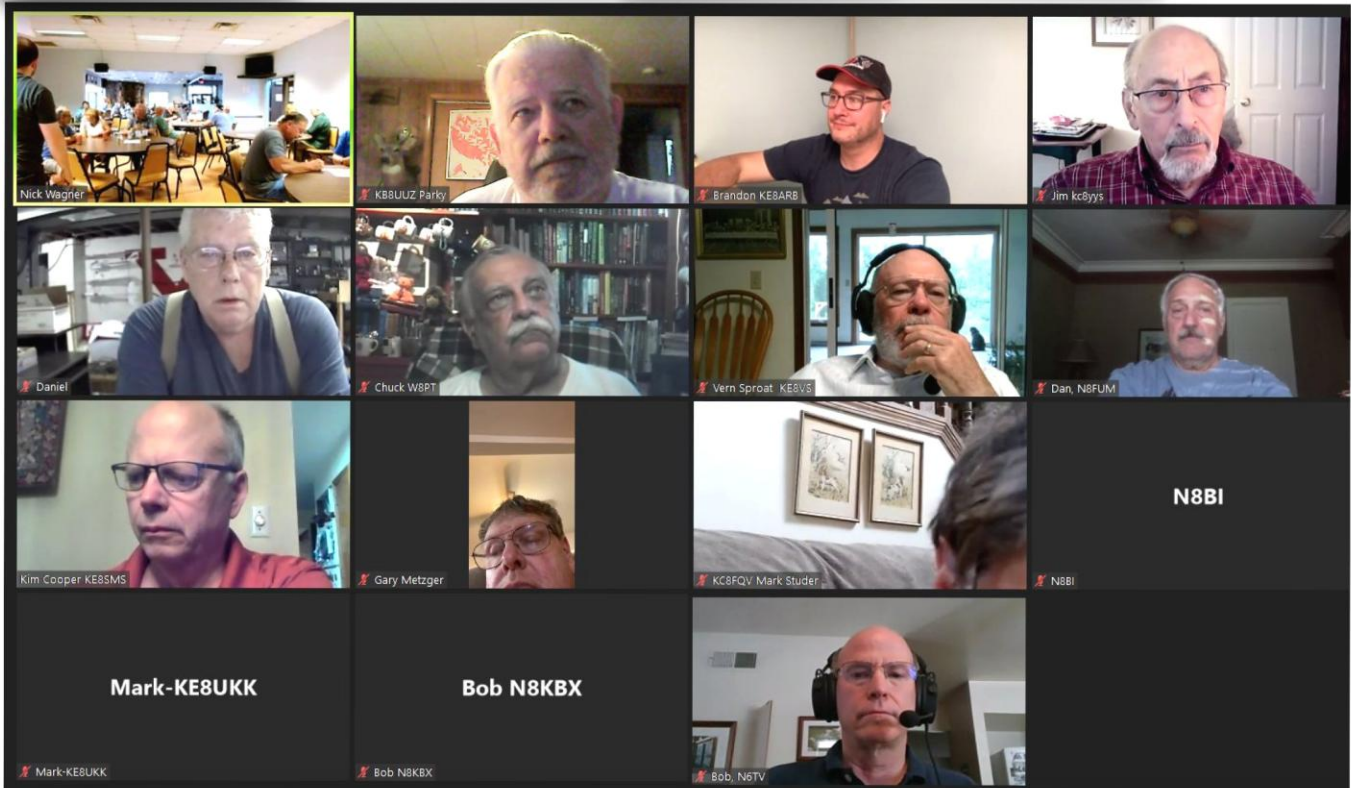
If you are a member of the The American Legion, The American Legion Auxiliary, or the Sons of The American Legion, bring your ID card as you get a substantial discount on adult beverage pricing.

Photos from the June Meeting



PCARS

June 13, 2022





NOARSFEST



Annual Hamfest and Computer Show

Saturday, July 16, 2022

9AM - 12PM

Lorain County Community College

Reaser Grand Room

John A. Spitzer Conference Center

1005 N. Abbe Rd.

Elyria, OH

Setup at 7:00 a.m.

Doors open at 9:00 a.m.

Air-conditioned indoor vendor sales

Free Parking - Handicap Accessible - Outside Flea Market (\$5/4 parking spaces)

ARRL APPROVED HAMFEST

On-site VE Testing – Pre-registration preferred

Email: ve@noars.net with name and phone number.

Testing begins at 9 AM; entry stops at 11 AM.

Just \$7.00 General Admission - under 12 free

6 ft. indoor vendor tables - \$10.00

Vendor Discount: 20% discount for 6 or more tables

Non-refundable Prepayment due by June 1, 2022

PRIZES

Hourly Prizes starting at 10 AM

Need not be present for Main Prizes but must be present for all other prizes.

Mobile check-ins and directions on 146.70- (PL 110.9) NOARS repeater

For table reservation contact:

Carl Rimmer, W8KRF at 216-256-9624 (before 9PM)

Email: noarsfest@noars.net

To find out more, go to the NOARS web site: http://www.NOARS.net/?page_id=137

Just for Fun

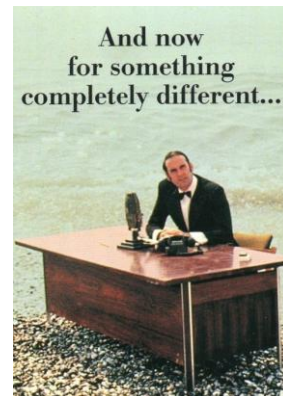
A Little Flower Show Joke TWO LITTLE OLD LADIES

Two little old ladies, Connie and Betty, were sitting on a park bench outside the local town hall where a flower show was in progress.

The short one, Connie, leaned over and said, "Life is so boring. We never have any fun anymore. For \$10 I'd take my clothes off and streak through that stupid, boring flower show!" "You're on!", said Betty, holding up a \$10 bill. So, Connie slowly fumbled her way out of her clothes. She grabbed a dried flower from a nearby display and held it between her teeth. Then, completely naked, she streaked (as fast as an old lady can) through the front door of the flower show.

Waiting outside, her friend soon heard a huge commotion inside the hall, followed by loud applause and shrill whistling.

Finally, the smiling Connie came through the exit door to the sounds of a cheering, clapping crowd. "What happened?" asked Betty. "I won \$1,000 as 1st prize for 'Best Dried Arrangement!'"



And now
for something
completely different...

Toyota Morse Code Easter Egg

Written on the bottom right corner of the full-sized Toyota SUV's windshield are the words "BADASS TRUCKS" <https://jalopnik.com/the-2023-toyota-sequoia-has-one-badass-easter-egg-1849023285>

Thanks to Jason Liss, KD8WGR for spotting that one..

From 1964



New!

GET THE NEWEST ADVANCES WITH
knight-kits®

World's Finest Electronic
Equipment in Economy Kit Form
... And So Easy to Assemble!

each **\$19.95** \$5 monthly

C-555 SUPERHET WALKIE-TALKIE TRANSCEIVER KIT

Powerful... dependable... rugged... economical... Sensitive superhet circuit for greater distance and maximum reliability. And, no license or permit is needed! Features crystal-controlled transmit and receive sections; 100 mw input to final; up to a 3/4 mile operating range; earphone jack; up to 50 hours of use on a single 9-v battery; 5-transistor and 1-diode circuit; silicon transistor in oscillator circuit; printed circuit board; 40" telescoping whip antenna; and 2" speaker; volume control; super-heterodyne receiver design.

Coral red case is 7x3 1/2x2". With all parts, instructions. Less battery, crystals, below. Optional carrying case and earphone below. Wt., 1 lb.

83 Y 822-D. \$5 Monthly.....19.95
83 YY 034-D. Transmit Crystal. Specify Channel 2-22. Wt., 2 oz.....1.95
83 YY 041-D. Receive Crystal. Specify Channel 2-22. Wt., 2 oz.....1.95
83 Y 014-D. 9-V Battery, 4 oz.....35c
83 Y 092-D. Carrying Case, 6 oz.....1.95
83 Y 094-D. Earphone, 3 oz.....79c (Carrying Case and Earphone not shown.)
SEE PAGE 76 FOR C555 COMPLETE OUTFITS.

Entire Contents Copyrighted 1963, by ALLIED RADIO CORP., CHICAGO, ILL. Printed in U.S.A.

INDEX OF KNIGHT-KITS

| | |
|---|--------------------|
| Amateur Kits..... | 63-72 |
| Citizens Radio Kits...Cov. 2, 1, 4-6, 51, 73-77 | |
| Hi-Fi Kits..... | 2, 3, 8-34 |
| Hobby Kits..... | 1, 7, 50-56, 59-62 |
| Intercom Kits..... | 56-58 |
| Test Instrument Kits..... | 38-49 |

SHOWN ACTUAL SIZE

Greatest Walkie-Talkie Kit Value Ever!

knight-kit® C-100 Walkie-Talkie

NO LICENSE, EXAM, AGE LIMIT—ANYONE CAN USE IT

**EASY TO BUILD
... AND IT'S
FUN TO USE**

2 for ~~\$18.88~~ **\$9.95 EACH**

C-100 3-TRANSISTOR WALKIE-TALKIE TRANSCEIVER KIT

- On-the-Move Communications Up to 1/4-Mile
- Operates Up to 75 Hours on a Single Battery
- Small, Compact, Neatly Styled—Weights 9 oz.
- Easy to Assemble—Anyone Can Build It.

The greatest value ever in a walkie-talkie kit! In a few fun-packed hours, you'll have this 3-transistor beauty assembled and ready for reliable, on-the-move communications up to 1/4 mile between units. Use it for camping, fishing, hunting, boating, hiking, picnics, outings, or just talking with your buddies around the house. And Mom and Dad will find many uses for a pair of these 2-way radios. Everyone can use them—absolutely no age restrictions or license requirements.

Flip the switch, then push the button to go on the air instantly—the built-in 2" speaker also serves as the microphone. Release button to listen over the super-regenerative type receiver. Crystal-controlled transmitter operates on channel 7. Operates up to 75 hours on a single battery. 40" antenna telescopes into case.

High-impact case, 5 3/8x2 1/4x1 3/4". With all parts, crystal, instructions. Less battery and optional carrying case (not illus.). 9 oz.

83 Y 804-D..... 9.95
83 Y 821-D..... PKG. OF TWO 18.88
83 Y 013-D. Carrying Case, 6 oz..... 96c
83 Y 002-D. 9-Volt Battery, 4 oz..... 21c

Complete C-100 Outfits on Page 51

101 Uses—Indoors and Outdoors

SHOWN ACTUAL SIZE

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, K8CAV, WA8AR, WG8X,
KA8TOA, W8NET, N3WD, W8KNO, W8PT, NO8D, USPS, DARA,
The ARRL and the World-Wide Web**

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

IMPORTANT NOTICE

How would you like the opportunity to be the next Editor of **The RADIOGRAM**? Let's face it folks, I'm not getting any younger and I would hate to kick the bucket and just leave PCARS hanging for a newsletter editor. I also want a bit more time to play radio. So here is your chance (if you are not as old as I am) to jump in and have the fun of editing and publishing the monthly PCARS newsletter that all of our members and other hams around the world enjoy seeing monthly. I've been doing the newsletter since PCARS started in 2005 (seems like yesterday) - it is about time to let someone else take the reins and be the new Editor. It does take a bit of time every month, but it is fun doing it. You will be right in the thick of things in amateur radio news from all kinds of sources, from local PCARS to Portage County to Ohio to Great Lakes Division to ARRL and beyond. Nothing special or complicated is used when making the newsletter. I just use Microsoft Word, a paint/picture editing program and a few other programs that are easy and free. Plus, I use the internet to gather up articles every month to bring interesting material to PCARS members. So, if you are interested, I would be more than happy to show you how I do it and get you going. You too, can be an award winning club newsletter editor! Interested? Email me at KB8UUZ@gmail.com

**I thought
growing old
would take
longer.**



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



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 |
| ~ Meetings & Net ~ 2nd Monday of each month. 7pm Thursday night Club Net at 8 pm on 146.895 | PCARS Meeting Photographer | KE8LWO | Bernadette Wagner |
| | Public Information Officer | | |
| | 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

The RADIOGRAM copyright ©2022, is the official newsletter of the **Portage County Amateur Radio Service, Inc. (PCARS)** - **Hamvention® 2018 Club Of The Year**. The RADIOGRAM is an **Award Winning** newsletter: **ARRL Ohio Section Newsletter - Third Place 2015 - Second Place 2014, 2016, 2020 - First Place 2012, 2013, 2017, 2018, 2019, 2021. ARRL Great Lakes Division Newsletter - Second Place 2013 - First Place in the 2017, 2020 and 2021.**

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.



Portage County Amateur Radio Service (PCARS)
705 Oakwood Street - Box 12
Ravenna, OH 44266 USA



NLC

