



# The RADIOGRAM

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

PCARS - 2018 Hamvention® Club of the Year

VOLUME 20 - NUMBER 05 -MAY 2025



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





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# The RADIOGRAM

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## From The PCARS President

**Jim, AC8NT**  
PCARS President



We live in Ohio, and we all know what that means. We think it's Spring, but we still have a lot of cold and wet weather. There is nothing like waking up to a dark morning, in the 40's with a nice cold rain. What that means is little done outside including my visits to parks. Most of this month has been spent doing electronics projects in my office. The next generation of Fox transmitter and a few IOT projects did get much closer to completion. The club had a World Amateur Radio Day celebration on the 19<sup>th</sup> and the Florida QSOP on the 26<sup>th</sup>.

May is looking better. We will have Mike N8WCP making a presentation on the Summit County MARCS System at our monthly meeting. The club will take part in a mix of contests on May 3. And last but certainly not least Hamvention will have a lot of us traveling to Green County to part with our hard-earned cash. Weather is improving so we should also be able to get out and operate from our favorite park.

Outreach in April was focused on Radio Astronomy. We visited Stark State and Kent State to help with the setup of their radio telescopes. Radio astronomy is a great fit with ham radio. Most experiments for beginners require antennas and receivers in the 20 MHz HF area and between 1 and 2 GHz. The antennas are not expensive and are a lot of fun to build. The receivers aren't very special, and most are easy for hams to set up. I admit there is a lot of software involved that may push a ham to learn new things, but we are very good at picking up new technology. Our objective for these stations is to have them ready to collect data after the summer break. If you would like to get involved, drop me a line or see me at a meeting.

One last thing. Remember Field Day will be here quicker than you think. If you haven't contacted one of our station captains, reserve your spot quickly so you can enjoy the fun.

Get on the air and have some fun!

Jim, AC8NT



# PCARS K8BF

The club that puts the FUN in ham radio



Bob, W5OV/SK was a member of PCARS while he lived in Cuyahoga Falls. In the May issue of QST Magazine, David Minster, NA2AA the ARRL CEO had a nice article about his friend Bob.

David A. Minster, NA2AA, ARRL Chief Executive Officer, [na2aa@arrl.org](mailto:na2aa@arrl.org)

# Second Century My Friend Bob



*When I wrote my December 2024 column reflecting on how rough the year had been on us as a community, I had no idea how horribly prophetic it would turn out to be. On February 10, 2025, the ARRL family suffered a loss that sent shockwaves through Headquarters and the field. Lifelong ham radio enthusiast, husband, father, grandfather, brother, mentor, contesteer, supporter, and friend Robert “Bob” Naumann, W5OV, became a Silent Key. How could someone who retired less than a year before leave us so soon?*

Bob was without a doubt the most important person to me in amateur radio. We met when I was in high school. I had been given a Heathkit HD-1410 that didn't work, and despite our best efforts, my father and I could not repair it — so we took it to Heathkit! It turned out that the circuit board had a manufacturing error, so Bob, who was employed there, replaced it with a new kit that he built as a replacement unit. When we went to pick it up, Bob introduced himself to me, and what followed was a lifetime of friendship and adventure together through this hobby that we loved so much.

Bob was a little older than me and was first licensed as WN2OVE, subsequently becoming WA2OVE. The nickname “Oven” followed him the rest of his life. Because he worked at Heathkit, you can only imagine what Bob's station looked like in the bedroom of his parents' house in North Haledon, New Jersey — wall-to-wall Heathkit green with the rigs, accessories, and amps that, back then, looked like a dream station! His station was also recognizable from the street, with the Mosley TA-33 mounted just above the roof line.

Bob was very active in clubs, from the Frankford Radio Club, to the North Jersey DX Association. He was involved in local clubs as well, including the Ramapo Mountain Amateur Radio Club and the Fair Lawn Amateur Radio Club. He was a card sorter for the W2 Incoming QSL Bureau, and also served on the CQWW Contest Committee.

Bob was my guide into the best of contesting. As a new ham chasing WAS, I was amazed at the activity one weekend on the bands, to be told by Bob on the phone, “It's ARRL Sweepstakes!” to which he slammed the phone down and went back to his paddles. Bob introduced me to another mentor, Doug Zwiebel, KR2Q. Between the two of them I made many rides up to Tuxedo Park and the massive multi-multi contest station of Buzz Reeves, K2GL (SK), where I met yet another mentor — and the inspiration for my vanity call sign — Gene Walsh, N2AA (SK). In the late '90s Bob connected me with Robert Moore, N2RM, invited me to operate

with him at V26B, and reconnected me with Noah, K2NG, who built and owns PJ4G on Bonaire, where I frequently contest from. Bob, Noah, and I went to PJ4 in winter 2013 for ARRL DX SSB and decided last minute to do a multi-2! It was a grind, with constant pileups, but so much fun — and Bob and I ultimately hung our plaques from that world-winning effort on the walls of our offices here at ARRL Headquarters.

Bob was wildly passionate about amateur radio. He loved being a ham, he loved working with hams — including in his retail years working at Array Solutions and DX Engineering — and he loved supporting hams, spending countless hours on the phone both at work and on his own time helping members navigate another love of his life: Logbook of The World. Bob's passion left little room for those who used their positions in amateur radio, or their accounts on social media, to attack others or try to make the hobby something less with their rants and venting. Occasionally Bob would bring his own fire to the conversation, only to be frustrated at the hopeless effort it turned out to be. In his last months, Bob became interested in the GMRS community around Dallas and began making friends who were hams and GMRS users, which led to some interesting emails between us.

Bob epitomized the elements of how I end nearly every column. I ask you to consider being radio active. And Bob always was. I ask you to be a connector. Bob was known around the world, and standing with him in both Dayton and Friedrichshafen convinced me: he was a ham radio celebrity. And if he were here, other than being shocked by becoming the topic of one of my columns, I think Bob would ask you to put away your keyboards, get on the air, and be kind to each other. And that, my friends and fellow members, was my friend Bob.

David A. Minster, NA2AA  
Chief Executive Officer



## Happy Birthday PCARS Members

KE8WVW	Ethan
K8KSU	Melanie
W8EZT	Frank
WA8YFL	Lloyd

W8HRF	Josh
W7KFR	Kyle
WA8LRW	Ken
WA8US	John

KF8CUA	Eric
W8PJW	Paul
WA8UWV	Douglas



## From Around The World...

Buyer Beware: Cheap Power Strips Hold Hidden Horrors

<https://hackaday.com/2025/04/07/buyer-beware-cheap-power-strips-hold-hidden-horrors/#more-770771>

Remembering Heathkit

<https://hackaday.com/2025/04/26/remembering-heathkit/>

The Colossus of Radio

<https://www.nutsvolts.com/magazine/article/the-colossus-of-radio>

Geomagnetic Ground Currents in North America

<https://spaceweather.com/archive.php?view=1&day=19&month=04&year=2025>



**John, WG8X**



Hi everyone, I originally expected to put the recap of last weekend's rove through SE Ohio on hold for the next issue. But thanks to your editor being patient with me, this is turning out OK. Granted, I won't have as much time for proofreading as I would like, but we can't have everything.

This month's POTA activities started out disappointing for me. There was the weekend trip to Beaver Creek (US-1935), where someone switched off the bands for the weekend. I still had fun, but no radio.



For the next couple weeks, it seemed that each activation, including the event up at Cuyahoga Valley was an exercise in futility. With persistence though, things did eventually improve.

On Good Friday, I headed south to Noble County to activate Ales Run SWA (US-9443 / KFF-6452). I was hoping to knock that location off WWFF's ATNO (All Time New One) list. I managed only 10 contacts; none of them the usual list of WWFF hunters from Europe, so I marked that one down for a return trip someday.

If you'd like to have a look at the map of ATNOs, It can be found at <https://ham-map.com/>. You'll need to adjust the map filters to show you only un-activated WWFF Entities. As of this writing, there's still a few un-activated parks left in Ohio.

Last weekend (Apr 26/27<sup>th</sup>), I headed south to hit the Tusco & Athens Hamfests. They customarily happen on the same weekend, so I make a long weekend, see some friends, and activate some parks in addition to staffing the Alliance ARC table at each location.

The weekend began on Saturday with a trip to Tuscarawas County for the Tusco Hamfest. The number of vendors had decreased a bit from past years, but that hamfest is still a Can't-miss on my calendar. Most vendors (myself included) began packing up around 11am.

The next stop was Desonier State Nature Preserve. Desonier is an ATNO about 20 miles south of Athens. Conditions were OK, and I got 20 stations in the log, including SM2SUM from Sweden. His signal had a bit of flutter on it, but still a solid 579. Unfortunately, that was the only DX to make it into my log from that location. I returned there on my way home Monday morning. This time A few more of the WWFF hunters managed to get into my log.

The next destination was Lake Hope State Park; my base camp for the weekend. The Lake Hope campground was decently crowded. There was a Boy Scout Troop camping across the lane from my cabin. They spent most of Saturday evening playing Cricket. Yes, Cricket. Looks like an interesting game.



Since there's a noisy transformer feeding the camper cabins, I chose to activate from elsewhere in the park. At almost 3000 acres, Lake Hope isn't a small park, so finding lace to operate isn't tough. My favorite spot to activate from is the parking lot near the nature center.

The next day, it was up early again; this time for the Athens Hamfest. This one wasn't as crowded as usual, but I still had fun.

After lunch, I headed to Broken ARO State Wildlife Area. This is another ATNO, and is about 45 minutes SW of Athens. It's right next to the infamous Flint Run Wildlife area (<https://wg8x.net/2023/08/how-to-find-flint-run/>). I had been advised that the ticks were bad this year, and that the road into Flint Run is getting worse. So, I gave Flint Run a hard pass this year. Broken ARO though did not disappoint. I managed to get a few of the European hunters in the log, and it was a good day for activating.

Monday, it was time to go home, but not before returning to Desonier SNP. Conditions were better, and I got a few of the WWFF hunters in the log, raising my total from that park for this trip to 40 contacts.

And that was it. All that is left is to submit the logs. But, that will wait for another day.

Switching gears, I've seen a couple posts recently on the POTA Facebook group that I find disturbing.

The common thread is items left in the parks by activators. In one case, there was a bundle of wire stuck in a tree. How does that even happen? It looks like someone didn't even bother to unwind their antenna before tossing it into the tree. Come on folks, we have to do better if we don't want to be tossed out of our parks.

As campers/hikers, we've always been taught to "leave no trace" when in the parks. Let's try to do the same in our activations.

That's it for this month. Tune in next month to see how my Linked Dipole build comes out.

73 DE WG8X



## 49:1 EFHW Reel Type Antenna Build

**Kenneth, KD8OBA**

I recently built a reel type EFHW portable antenna from a chalk line case and a 49:1 transformer (can be wound as a 9:1 also) and was asked to write about the build.



After winding a ft140-43 toroid for a 49:1 transformer and mounting it into a project box (I guess you could figure a way to mount open air if you want) route the antenna lead end through the box under the toroid. Take the chalk line apart and remove the string from the reel. Drill a hole to put antenna wire through and one in the case in the center of where the reel rests. I would recommend using 22 gauge or smaller. I used 18 gauge and it makes the last few feet hard to wind.

Put the wire through and tie a knot in it with about a 3" or 4" tail. Strip the coating off. I used a wad of solder tip cleaning wad and wove the radiating wire through it and stuffed it into the center of the reel. Trim the antenna lead wire to fit in the reel without bottoming out. Put the chalk line back together making sure the wire runs as close to the center of reel as possible. Hang it and measure around 66.5 ft and check SWR. You can adjust for the best SWR and where you want to operate on the band by reeling the wire in and out.



If you have most of what you need it is not really expensive. If you need to buy in bulk it is around \$50 for everything. That includes full reels of the wire, toroid, 100pf capacitor, bulkhead connectors, and chalk line. I had almost everything so it was only around \$20. The commercial one runs around \$120 plus shipping.

I hope this was interesting to some that might want to try to build one.







# NORTHEAST OHIO MULTI-CLUB PARKS ON THE AIR (POTA) ACTIVATION



## CALLING ALL HAM RADIO OPERATORS & CLUBS!

JOIN US FOR AN EXCITING **MULTI-CLUB POTA ACTIVATION!** THIS EVENT IS DESIGNED TO PROMOTE HAM RADIO, ENCOURAGE CLUB COLLABORATION, AND SHOWCASE THE DIFFERENT WAYS CLUBS AND INDIVIDUALS ACTIVATE PARKS.

### WHO CAN PARTICIPATE?

- ✓ ANY LICENSED AMATEUR RADIO OPERATOR
- ✓ ANY HAM RADIO CLUB—ESPECIALLY THOSE IN NORTHEAST OHIO!
- ✓ ANYONE INTERESTED IN LEARNING ABOUT POTA AND HAM RADIO

### WHEN AND WHERE:

 **DATE: ALL DAY MAY 31ST, 2025**

 **LOCATION: ANY POTA-ELIGIBLE PARK**

### HOW TO GET INVOLVED:

 **ATTEND A PLANNING MEETING (DATES TO BE ANNOUNCED)!**

HELP COORDINATE ACTIVITIES, RESPONSIBILITIES, AND TIMEFRAMES, AND MEET OTHER CLUBS BEFORE THE EVENT.

 **BASIC PARTICIPATION:**

**ACTIVATE A PARK!** JUST LET US KNOW WHERE YOU'LL BE OPERATING.

 **OPTIONAL PARTICIPATION:**

 **VISIT OTHER CLUB ACTIVATIONS!** SEE HOW DIFFERENT CLUBS SET UP AND OPERATE THEIR POTA STATIONS AT DIFFERENT PARK LOCATIONS.

★ **SPECIAL OPERATING ACTIVITIES!** SIGN UP TO PARTICIPATE IN COORDINATED TIMEFRAMES FOR UNIQUE CONTACTS:



- SATELLITE CONTACTS 
- NVIS OPERATIONS
- VHF/UHF SIMPLEX
- DIGITAL SIMPLEX (D-STAR, C4FM, M17)

 **CONTACT: JOSH VAN DYKE – KE8VKA@GMAIL.COM**

 **PARTICIPATING CLUB SIGN-UP FORM: [HTTPS://FORMS.GLE/BG2IQF8oHkXxBTU76](https://forms.gle/BG2IQF8oHkXxBTU76)**

**LET'S WORK TOGETHER TO MAKE THIS A FANTASTIC ANNUAL EVENT FOR NORTHEAST OHIO AND BEYOND!**

## Field Day 20-Meter Station

**Mike, N8WCP**  
20-Meter Station Captain



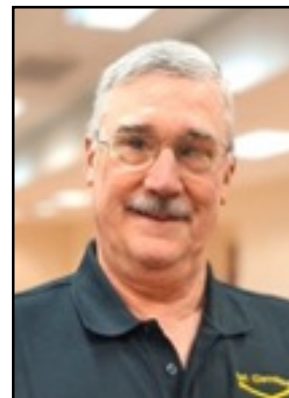
We're still looking for a few ops for the night shift. We'll have 80M as well as 20M so there should be plenty of stations to work at night. If you're a night owl, send an email to [n8wcp.us@gmail.com](mailto:n8wcp.us@gmail.com) with your preferred time slot.

73 - Mike N8WCP

DAY	LOCAL	OPERATOR
SAT 28TH	2:00P-4:00P	N8QE - BOB
SAT 28TH	4:00P-6:00P	N8WCP - MIKE
SAT 28TH	6:00P-8:00P	W8PT - CHUCK
SAT 28TH	8:00P-10:00P	AD8IR - AGNES/AD8FQ - BEN
SAT 28TH	10:00P-1200A	K8IV - ED
SUN 29TH	12:00A-2:00A	
SUN 29TH	2:00A-4:00A	
SUN 29TH	4:00A-6:00A	
SUN 29TH	6:00A-8:00A	
SUN 29TH	8:00A-10:00A	N8QE - BOB
SUN 29TH	10:00A-12:00P	N8WCP - MIKE
SUN 29TH	12:00P-2:00P	

## PCARS Field Day 2025 Flex Station

**Rick, K8CAV**  
FD Flex Station Captain



One of our operators at the Flex Station had to drop out due to a business trip so there is now an opening on Sunday from 8:00m AM to 10:00 AM. If you are interested in filling this time slot, please let me know as soon as possible by email at [k8cav.coms@gmail.com](mailto:k8cav.coms@gmail.com). Thanks!



## POTA ParkPedition at Cuyahoga Valley National Park

**Gene, W8NET**  
POTA SIG Coordinator



Hello POTA fans! Our most recent ParkPedition was held at Shady Knoll Picnic Area at Cuyahoga Valley National Park. The weather was warmer than most our shindigs, as it was well above freezing!

We set up at 8:15am, with cloudy skies and a spritz of drizzle - no problems. Until...

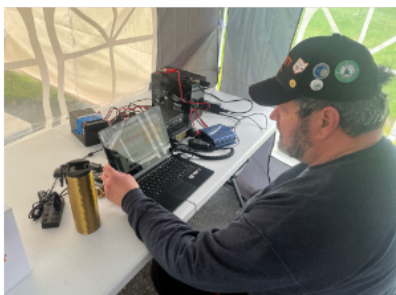
A massive storm front hit.

Picture this: a few big gusts of wind hit the two tents.... Gene, W8NET, was trying to hold one tent (saving his station).... the other tent was slowly tumbling into the parking lot.... a few guys scrambling to save the food. It was like a Three Stooges skit. HEY MO! The only thing that was missing was the black and white.

Thank you Brandon and Alex for guying the tents (after the horse left the barn - my fault!).

After the entertainment skit, we had on and off rain throughout the day. However, we had a great time and many contacts on a few bands (for me, 16 contacts on 30m FT8). We had great food: Brandon's wife made pulled pork, and many others brought items to complete our buffet. THANK YOU ALL!

We had a nice turnout. Hope you join us for our next ParkPedition adventure! 73 de W8NET, Gene



**J.C., KC8JC**



When I started my ham radio journey, I lived in a suburb of Philadelphia. The house was a twin that sat at the convergence of three hills. Essentially, it was in a depression or, well, crater. It was also a corner lot with power lines running both ways. If I'd wanted more RF noise I wouldn't have known where to start to create it. In the midst of this, I put a dipole antenna running the length of the attic. It wasn't stellar, but then again, it was 2017 and the solar cycle wasn't doing anyone any favors even with good setups.

A lot has changed since then. When we moved to Ohio, I strung the same dipole in the attic and went back to business as usual in the new QTH. It wasn't much better than before. This is not a surprise. Currently, I don't live in a place with restrictions on antennas but I also don't live on some massive plot of land in the middle of nowhere. I'm still on something akin to a hillside, but it's not nearly as dramatic as at the old place. A vertical seemed like a good idea since I didn't really have a place to hang a dipole that would work. Enter the DX Commander Classic 2.



With 6 elements, it covers 40, 30, 20, 17, 15, 12, 10, 6, and 2-meters. That's a lot more flexible than my string o' wire in the attic. It is also easier to set up, take down, get to, and maintain.

Assembly was incredibly simple. The instructions are clear and the kit itself is very well put together. I don't think it took more than 90 minutes to go from a box of stuff to an antenna that could be plugged into a transceiver - and that includes laying out the radials.

The real story here is that I spent a lot of time thinking about a new antenna when I should have jumped on this one sooner. The first time I spun the dial I was hearing Japan - a country I'd never worked before. Being able to wander the different bands and really get out with my 100 watt station has made operating from home an absolute delight.

The antenna survived this past winter admirably. Even in heavy wind it hasn't had any troubles staying put with the simple guy lines that I have in place. Something more permanent is coming this summer, but I haven't had any trouble with it at all. I can't say enough good things about it.

I'll also say that even if you aren't in the market for a new antenna, you should check out the DX Commander YouTube channel. His videos are to the point and very informative. There's no hype there, just good information.



# Dayton Hamvention® 2025 - Radio Independence

Dayton Hamvention® 2025 is Almost Here!

We're thrilled to welcome you to this year's Dayton Hamvention®, happening May 16–18, 2025!

Our 2025 theme, “Radio Independence,” celebrates the freedom and resilience that have always defined amateur radio. From the earliest spark transmissions to today's global digital modes, hams have pushed the boundaries of innovation, service, and community.



Throughout history, radio has played a powerful role — uniting people, relaying critical messages, and opening up new frontiers. Yet it hasn't always been free. In many places and times, radio has been heavily regulated or even banned. Today, we're fortunate to enjoy the freedom to explore, connect, and create without limits. That freedom — our Radio Independence — is worth celebrating.

As we count down the days to Hamvention, we invite you to reflect on what Radio Independence means to you. It might be the joy of a POTA activation, the satisfaction of building your own rig, or the thrill of a contact halfway around the world.

However you experience it, we can't wait to celebrate it with you — right here in Xenia, Ohio.

See you soon!

73 de,  
Brian Markland, N8UDQ  
General Chairman, Dayton Hamvention 2025  
And all the amazing volunteers who bring it to life

Courtesy of <https://hamvention.org>



**FOR SALE:** Early Icom IC-7000 HF/VHF/UHF Transceiver. Very little usage. With MFJ-991B IntelliTuner Automatic antenna tuner including IC-7000 mating cable. \$600.00. Yaesu FT-8800 Dual Band FM transceiver 144/440 MHZ. \$200.00. Icom IC208H Dual Band FM transceiver 144/440 MHZ. \$200.00. Bencher Model ST-1 paddle key (black base) never used. \$50.00. Original boxes available. For pickup in Cuyahoga Falls. Contact Bob NT8K via email: [rwhiddon@att.net](mailto:rwhiddon@att.net)

**FOR SALE:** Yaesu FT-2000 160 - 6 Meter Transceiver with FH-2 Remote Control Keypad and CT-119 Programming Cable \$800.00 for everything. Original boxes are available. Geocron GEO-4K-COMP2 new in the box \$175. ARRL 10 - 40 Meter End Fed Antenna Kit new in the box \$50. MFJ-931 Artificial Ground \$100. Will consider reasonable offers. Contact Bob Hajdak N8QE at (330) 807-5903 or [rhajdak@aol.com](mailto:rhajdak@aol.com).

[06/25]

For Sale or Want Ad policy reminder: This is a PCARS **members only benefit**. Please don't ask to list items for a friend, relative or SK estate unless they are/were a member of PCARS. Requests come in from all over the USA (and beyond) to list items for sale or wanted items and we just cannot dedicate that much space to non-members. Listings are good for 3 months unless canceled or changed earlier. The date listed after the contact information tells you when the ad expires - example: [01/25] indicates the ad will run until the end of January 2025.

## PCARS Custom Coffee Cups - LIMITED EDITION! - Get One Now!

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

**Supply is limited.** If you are a current (PAID) member of PCARS you get one coffee cup for **FREE!!** The only catch is that you have to claim it from the **Treasurer**. There is a list of current members and the treasurer will check off your name when you get your **FREE** PCARS coffee cup.



There are a **very limited number of extra coffee cups** for sale at \$5.00 each. **Contact the Treasurer for details:** [treasurer@portcars.org](mailto:treasurer@portcars.org)

## PCARS is on YouTube

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

<https://youtube.com/@portagecountyamateurradios1933?si=09-NxUpDOoqdqTzc>



## 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>



## POTA Special Interest Group

Our next POTA SIG meeting will be on Tuesday, May 10, 2025 at 7:00pm at the PCARS World Headquarters in Ravenna.

**Gene, W8NET**  
POTA SIG Coordinator



We will be discussing our last event at Cuyahoga Valley National Park, the multi-club event on 5/31, and the next PCARS POTA event in July.

Please join us in Ravenna, or on Zoom:

<https://zoom.us/j/96686108444?pwd=hN5hDgTGWwdLbLXkLSeAfVOfSa4nGq.1>

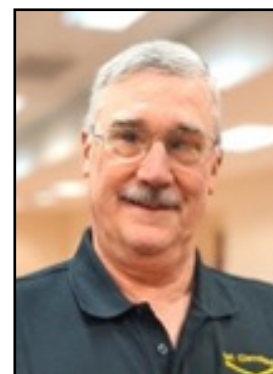
Meeting ID: 966 8610 8444

Passcode: 915088

## Digital Special Interest Group

The next Digital Special Interest Group meeting will take place on Tuesday May 6th at 7:00 PM at the PCARS club site, and will also be available on zoom at the link below. This month we will be discussing the app VarAC, installation, configuration and use in the broadcast mode. This will be in preparation for the next Flex Net in May which will use VarAC in broadcast mode. Both pre and post Digital SIG notes will be posted in the files section of the PCARS groups.io site, <https://groups.io/g/PCARS/files>

**Rick, K8CAV**  
Digital SIG Coordinator



As always we will make time to answer your questions or address any issues you may be having involving digital communications by radio.

<https://zoom.us/j/96687118167?pwd=M40XjSbLcaP4Ui3KNWNGGDBc9DF6qR.1>

Meeting ID: 966 8711 8167

Passcode: 183655

## HF WAS & DX Nets Special Interest Group

Hi all! Our next HF WAS & DX Nets SIG meeting will be on Tuesday, June 3 2025 at 7:00PM at the PCARS club site World Headquarters in Ravenna. We will be checking in to the OMISS 40m Net.

**Gene, W8NET**  
HF WAS & DX Nets SIG Coordinator



Please join us in Ravenna, or on Zoom:

<https://zoom.us/j/96686108444?pwd=hN5hDgTGWwdLbLXkLSeAfVOfSa4nGq.1>

Meeting ID: 966 8610 8444

Passcode: 915088



## Antenna Special Interest Group

**Jim, AC8NT**

Antenna SIG Coordinator

Our next meeting of the Antenna SIG will be May 20<sup>th</sup>. I plan to spend the night playing with the NanoVNA for antenna analysis. If you have one of these great tools, bring it to the meeting and we will have some fun learning more about this great device.

If you can't attend in person, you can always connect with the group using the following Zoom information.

<https://zoom.us/j/96686108444?pwd=hN5hDgTGWwdLBLXkLSeAfVOfSa4nGq.1>

Meeting ID: 966 8610 8444

Passcode: 915088



## DX & Contesting Special Interest Group

Greetings to all the PCARS DXers and Contesters:

**Chuck, W8PT**

DX & Contesting SIG  
Coordinator

Just a short report on our recent DX/Contesting Special Interest Group meeting that we held April 22 at our World Famous Club Site.



We had 11 members attend either in person or by ZOOM. Among the topics for discussion was the Florida QSO Party that will have taken place by the time you read the Radiogram. We reviewed the rules for this contest and made sure that we all understood what we could and could not do.

One of the discussion points for this contest is that you are penalized for either having a busted call in your log or not having the correct FL county for a correct call. Not only do you lose the QSO but you are also penalized an additional point. So for every mistake, you lose TWO points.

There were other topics brought up such as the upcoming QSO Parties that will happen in May. We ended up using the entire hour and enjoyed the discussions. Hope to see more members take advantage of the DX/Contesting SIG meetings.

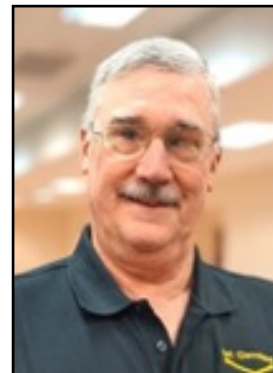
We will certainly give a report on the outcome of our efforts for the FLQSOP.

73 for now - Chuck W8PT

## PCARS Flex Net

**Rick, K8CAV**

Flex Net Coordinator



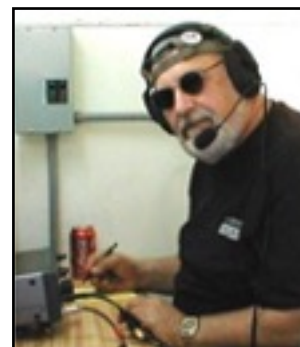
The PCARS Flex Net will take place on Wednesday June 14th at 8:00 PM. This month's net will take place on 20 meters using the digital app VarAC in the Broadcast mode. The frequency will be 14.130 MHz (dial) unless there is an issue, so please watch your QST email a day before the net for changes.

The Digital Special Interest Group meeting on Tuesday May 6th will cover VarAC in the Broadcast mode so please try to attend if VarAC is new to you. Also, I will be publishing information in the files section of the PCARS groups.io sited at, <https://groups.io/g/PCARS/files>. I hope to hear you on the net!

## Charlie the Tuner's DX High-Lites

**Chuck, W8PT**

aka "Charlie the Tuner"



Greetings to all DXers:

The WX really has changed. All you have to do is look at the height of your grass. My grass is up to my ankles and I'm hoping that the yard dries out enough for me to do the mowing. As it stands, I would sink my Gravely beast in the mud. So if not mowing, hmmmmm, what should I be doing? I know.... get on the air and work some DX!!

**As always, big thanks to:** JA1GZV, K6EI, DL5ON & The DX News Letter, DXNews.com, DX-World.Net, 425 DX News, DXNL.

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

Here's ClubLog's Top 10 Most wanted DXCC entities:

1. P5 DPRK (NORTH KOREA)
2. BS7H SCARBOROUGH REEF
3. CE0X SAN FELIX ISLANDS
4. BV9P PRATAS ISLAND
5. KH7K KURE ISLAND
6. KH3 JOHNSTON ISLAND
7. 3Y/P PETER 1 ISLAND
8. FT5/X KERGUELEN ISLAND
9. YV0 AVES ISLAND
10. 3Y/B BOUVET ISLAND

May...

**3A, MONACO.** Special event call sign 3A100A will be QRV until June 30 to commemorate the centenary of the IARU. Activity will be on 80 to 10 meters using CW, SSB, and various digital modes. QSL via LoTW.

**3X, GUINEA. Reminder** - Jean-Philippe, F1TMY is QRV as 3X1A from Conakry until mid-2026. Activity is on 80 to 6 meters, and on Satellite QO-100. QSL via ClubLog.

**7P, LESOTHO. Reminder** - Mark, KW4XJ and Arina, KO4PZT are QRV as 7P8AB and 7P8NB, respectively, until mid-2025. QSL via KW4XJ.

**9M4, AMAN IS.** Team 9M4PA will be active from Aman Island, AS-015 during May 2-4, 2025. QRV on HF bands. QSL via 9M2HUS (direct), LoTW.

**A9, BAHRAIN. Reminder** - Members of the Bahrain Radio Club are active with special call sign A9100IARU the **first five days of each month** to celebrate the IARU's 100th anniversary. QSL via EC6DX.

**BY, CHINA.** Members of the Chinese Radio Amateurs Club are QRV as B100IARU until June 17 to commemorate the centenary of the IARU. QSL via LoTW.

**C2, NAURU. Reminder** - Phill, FK1TS is QRV as C21TS and plans to extend his stay until September 2025. Activity is currently on 80, 40, and 30 meters using FT8. QSL via LoTW.

**CE, CHILE.** Members of the Radio Club de Chile are QRV with special event call sign XR100IARU until May 20 to commemorate the 100th anniversary of the IARU. Activity is on the HF bands. QSL via CE3AA.

**E6, NIUE ISLAND.** ZL1RS will be active as E6RS from Niue Island, IOTA OC - 040, in May 2025. He will focus on 6m activity if no propagation on 10m. QSL via ZL1RS, LOTW.

**FO, AUSTRAL ISLANDS.** A group of operators are QRV as TX9A from Tubuai, IOTA OC-152, until May 7. Activity is on the HF bands using CW, SSB, FT8, and FT4. QSL via DK8ZZ.

**FR, REUNION ISLAND.** Phil, FR8UA and Ann, FR8TZ will be QRV with special call sign TO974REF on various days during May for the REF's 100 year anniversary. Activity will be on 40, 20, 15, and 10 meters using CW, SSB and various digital modes. QSL via operators' instructions.

**H4, SOLOMON ISLANDS.** Bernhard, DL2GAC will be QRV as H44MS from Malaita, IOTA OC-047, until May 7. Activity will be on 80 to 6 meters using SSB and FT8. QSL to home call.

**JD1, OGASAWARA.** Mitsu, JE1HXZ is QRV as JD1BPG from Hahajima Island, IOTA AS-031, until May 5. Activity is on 160 to 10 meters using CW, SSB, FT8, and FT4. QSL to home call.

**OK, CZECH REPUBLIC.** Members of the Czech Radio Club are QRV with special call sign OL100IARU until the end of the year to celebrate the 100th anniversary of the IARU. Activity is on all bands and modes. QSL via operators' instructions.

**P2, PAPUA NEW GUINEA.** Xu, BG5DON is QRV as P29XZ near Port Moresby while on work assignment. Activity is in his spare time, mostly during the weekends, on 20, 17, 15, 10, and 6 meters using FT8 with low power. QSL to home call.



**PA, NETHERLANDS.** Special event station PA40MARAC is QRV until December 31 to celebrate the 40th anniversary of the Dutch Marine Radio Amateur Club. QSL via PA3CNI.

**TO, REUNION IS.** 2025 will mark the centenary of the Réseau des Émetteurs Français (REF) and the International Amateur Radio Union (IARU). For this anniversary, Phil FR8UA and Ann FR8TZ will be active as **TO974REF** from Reunion during the following dates in May:

- May 1-4
- May 8-11
- May 17-19
- May 29-June 1

QRV on 40-20-15-10m; CW, SSB & Digi.

**YU, SERBIA.** The Serbian radio club Novi Sad celebrates its centenary in 2025 with the call sign YU100BPQ. QSL via YU7BPQ.

**Z3, REPUBLIC OF NORTH MACEDONIA.** Members of the Radioamateur Society of Macedonia are QRV as Z3100IARU until May 18 to celebrate the IARU's centenary. QSL via LoTW.

**ZS, SOUTH AFRICA.** Special event stations ZS100SARL, ZS6SRL, and ZS9HQ are QRV during all of 2025 to celebrate the 100th anniversary of the South African Relay League. QSL via LoTW.

**ZS68, REP of KOSOVO.** Anne, OH2YL and Marko, OH2LGW will be active from the Republic of Kosovo as **Z68YL** & **Z68OM** respectively during May 20-30, 2025. QRV on 160-10m; CW, SSB & FT8. They will use 2 x FTDX10 and Elecraft K3 transceivers plus 2 x SPE Expert 1.3K-FA amplifiers. Antennas will be an EFHW-8010-1K, and a vertical covering 30-10m with a dipole for 60m and Inv L for 160M. QSL both calls via OH2YL.

**ZS8, PRINCE EDWARD AND MARION ISLANDS.** Yuris, YL2GM will be QRV as ZS8W from Marion Island until May 16 while on work assignment. Activity will be in his spare time on 160 to 6 meters using CW, SSB, and FT8. QSL via Club Log.

Looking Ahead & Other Reminders...

**D4, CAPE VERDE.** A group of operators are QRV with special event call sign D450ICV until December 31 to celebrate the 50th anniversary of the independence of Cape Verde. Activity is on all bands and modes. QSL via LoTW.

**FP, MIQUELON IS.** Eric, FP/KV1J will be again active from Miquelon Island, IOTA NA-032, 28 June - 14 July 2025. He will operate on 80 - 6m SSB, RTTY, CW, FT8 and FM Satellites. He will be active in Canada Day, Marconi Memorial and IARU Contests. QSL via home call, LOTW.

**HP, PANAMA.** Special event call sign 3E7D is QRV until June 1. QSL via HP1AVS.

**JA, JAPAN.** Members of the Japan Amateur Radio League are QRV with special commemorative station 8K3EXPO from the 2025 Expo in Osaka, Kansai until October 13. Activity will be on all bands. In addition, station JA3XPO is also active. QSL via operators' instructions.

**JD1, MINAMI TORISHIMA.** Take, JG8NQJ is QRV as JG8NQJ/JD1 until June 20. Activity is in his spare time on the HF bands using CW and FT8. QSL via LoTW.

**PA, NETHERLANDS.** Peter, PD1RP is QRV with special event station PD80FREE until June 30 to celebrate the 80 years of liberation since World War II. Activity is on 40, 20, 10, and 2 meters using CW, SSB, and digital modes. QSLs sent to all contacts via the bureau. No QSL or request needed.

**PJ6, SABA IS.** We are thrilled to announce that October 17-29, 2025, a dedicated team of 12-14 operators will activate **PJ6Y** from the stunning **Saba Island, IOTA NA-145**. This expedition represents a significant step in our ongoing mission to inspire and mentor the next generation of amateur radio operators through hands-on DXpedition experiences. The on-island team will establish three local stations plus two remote stations from the ground up, we will be active on CW, SSB, and FT8 on 160m to 6m, including operations from a satellite station.

**T33, BANABA IS.** In November 2022, the [Rebel DX Group](#) were QRV from Banaba as [T33T](#). This year, in September, they plan to return there staying for up to 3 weeks and active this time as T33TT. Full details to follow, but you can expect plenty of FT8 on HF bands plus some CW & SSB. QSL via Club Log OQRS / LoTW.

**TR, GABON.** Roland, F8EN is QRV as TR8CR until mid June. Activity is on the HF bands using only CW. QSL direct to F6AJA.

**V7, MARSHALL ISLANDS.** Randall, KX4QD is QRV as V73HW for the next two years. Activity is in his spare time on 80, 40, 20, 15, and 10 meters using SSB and FT8. QSL direct to home call.

**Disclaimer:** As you know by now, these DX events can change due to various reasons that sometimes are out of the control of those who are doing the planning. Be patient. I'm hoping that you use this info to hunt down your ATNO or simply to work some DX before your rigs become boat anchors or you become a boat anchor!

Come on....get on the air and work some DX!! As I always say, "Wobble the ethers." 73 for now....*Chuck W8PT aka Charlie the Tuner*



## Charlie the Tuner's February 2025 Contest Update

**Chuck, W8PT**  
aka "Charlie the Tuner"



Greetings to My Fellow PCARS Contesters and anyone else interested in Contesting:  
K8BF Scheduled Contests for 2025

Freeze Your Acorns Off	Feb 15	Completed
Idaho and Wisconsin QSOPs	Mar 8-9	Completed
Florida QSOP	Apr 26-27	Completed
7th Call Area QSOP	May 3-4	
Indiana QSOP	May 3-4	
Delaware QSOP	May 3-4	
New England QSOP	May 3-4	
Field Day	June 28-29	
NA QSOP RTTY	July 19-20	
Ohio QSOP & BBQ	Aug 23-24	
OSPOTA	Sep 6	
Washington Salmon Run	Sep 20-21	
California QSOP	Oct 4-5	

Other contests decided upon by the contest committee, might be run from Members' QTHs using the club call with our License Trustee's prior permission. Of course, they will also have to adhere to their specific station license requirements.

**So for May we have the following:** Many State QSO Parties scheduled for this month.

<b>7th Call Area QSOP</b>	<b>May 3-4*</b>
<b>Indiana QSOP</b>	<b>May 3-4*</b>
<b>Delaware QSOP</b>	<b>May 3-4*</b>
<b>New England QSOP</b>	<b>May 3-4*</b>
NTC QSOP	May 15
Arkansas QSOP	May 17-18

Other contests include: CQ WW WPX Contest, CW      May 24-25

We have participated in the 7th Call Area and the New England contests for several times now and have done reasonably well. And I know there are members who participate from their own QTH's in these contests.

Come on out to the club site and help us put K8BF on the air. As always, we really could use a few CW ops.

So that's it for this month. 73 for now, Charlie the Contest Tuner.

*\*Contests that appear in BOLD are ones in which K8BF will participate.*

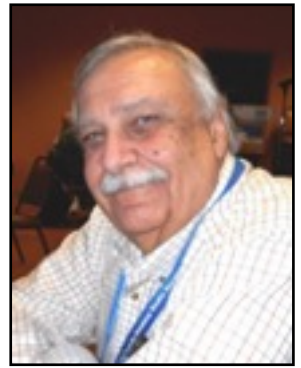


## PCARS April Meeting



### Chuck, W8PT

DX & Contesting SIG  
Coordinator



Greetings PCARS Contesters:

Many members helped put K8BF on the air in the Florida QSO Party that was held April 26-27. We had 12 members show up for Saturday and 8 for the Sunday session.

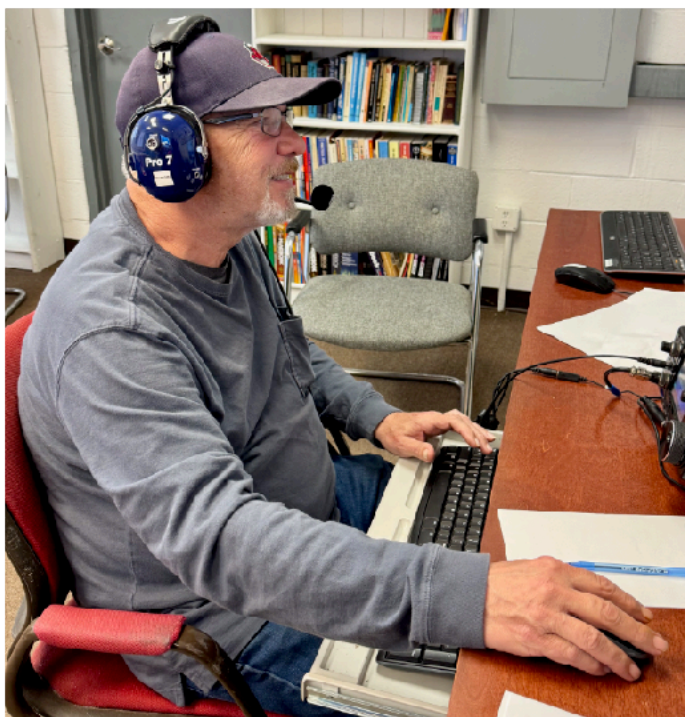
The bands did not quite cooperate as is the custom for contest weekends, even though during the previous week all the bands were doing well. In any event, we had 262 contacts which resulted in 439 QSO points and 93 mults. Our raw score was 40,827 points. With a power multiplier of 2, we should have a reported score of 81,654. Of course, if there were any busted calls or errors in logging, that score will be somewhat lower.

I would like to thank all of the ops who took time out of their busy schedules to help us participate in this contest. I encourage again, for those who have not tried contesting, to come out during the state QSO parties and try their hand at contesting. We have several veteran contesters that can help you have some fun at this. The state QSO parties are no pressure events and you can earn your stripes as a contester. Until next time, 73.





## Florida QSO Party



## Mark Your Calendar!

### PCARS February 2025 Schedule of Events

May 5th	PCARS Board Meeting
May 12th	PCARS Monthly Meeting - 7 PM
May 15-18	Dayton Hamvention®
May 22nd	Net Night at the Club Site - 6:30 PM - 10:00 PM

### Special Interest Groups at the Club Site

1st Tuesday Odd Months	Digital Special Interest Group - Moderator: Rick, K8CAV
1st Tuesday Even Months	HF WAS & DX Nets Special Interest Group - Moderator: Gene, W8NET
2nd Tuesday	Portable Ops Special Interest Group - Moderator: Gene, W8NET
3rd Tuesday	Antenna Special Interest Group - Moderator: Jim, AC8NT
4th Tuesday	DX & Contest Special Interest Group - Moderator: Chuck, W8PT
5th Tuesday	Could Be Anything Special Interest Group - Moderator: Rick, KD8WCK

## Hamfest Calendar

05/15-18/2025 – Four Days in May – Location: Fairborn, OH – QRP Amateur Radio Club International - Learn More: <http://qrparci.org/fdim>



05/16-18/2025 - Dayton Hamvention - Location: Xenia, OH - <https://hamvention.org/>

## 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 Red, Black, and Blue. Cost for a patch is \$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. Reach out to the club treasurer for details.



PCARS T-Shirts, Polo Shirts, Jackets, Hats, etc. can be obtained from:  
Villager Business Solutions - attn. Michelle Zivoder - [michelle@villagerbusiness.com](mailto:michelle@villagerbusiness.com) - 330-472-7304.



# PCARS Ham Radio License Plates Wanted!

**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 over 80 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. 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.

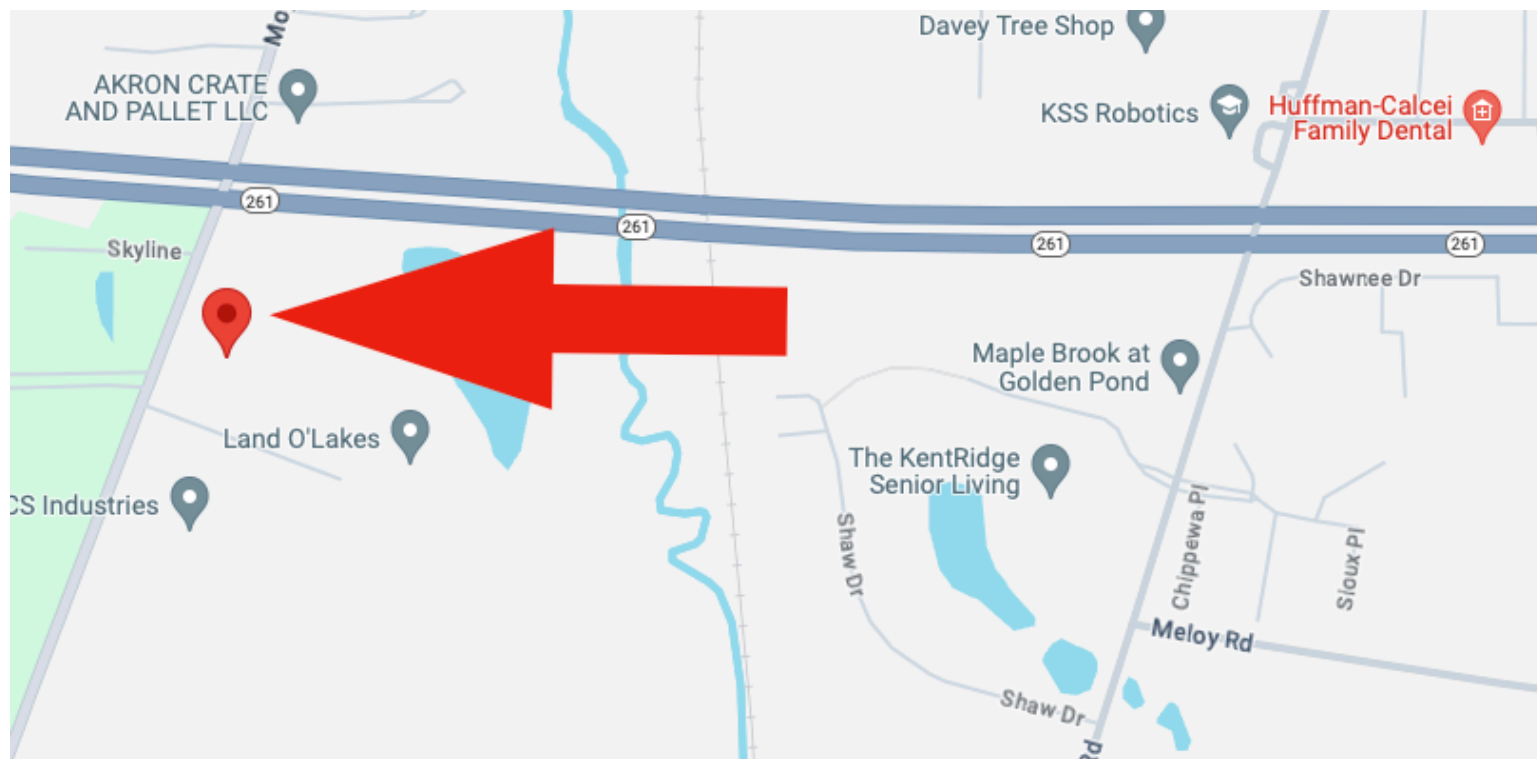


# PCARS Meetings



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

**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 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 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.

# PCARS VE Testing Information & News



## Future Dates:

- June 7th
- August 2nd
- October 4th
- December 6th

Check the website for the latest information

**Tom, KB8UUZ**  
PCARS VE Team Liaison



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 or an upgrade to your existing license. Face masks are not State/County mandated at this time, but you are always welcome to wear one.

PCARS VE sessions are scheduled for **9:45 am** Registration, **10:00 am** Testing starts, on the first Saturday of every even numbered month at the PCARS club site in Ravenna.

Any questions? Contact [KB8UUZ@gmail.com](mailto:KB8UUZ@gmail.com)

## Quick Facts

- **Yes**, PCARS VE test Sessions are held at the club site in Ravenna starting at 10 am - see schedule.
- **Walk-Ins are accepted.** Would appreciate an email to [KB8UUZ@GMAIL.COM](mailto:KB8UUZ@GMAIL.COM) if you plan on attending.
- You **MUST** have an **FRN Number** (SSNs no longer accepted) **Taking Technician Test?** - You **MUST** apply for your **FRN** and get it prior to testing
- You **MUST** have a **valid e-mail address** for the FCC to be able to contact you.
- Picture ID required
- Original and Copy of your valid FCC license and originals of any applicable CSCE
- **VE fee is \$15** - Cash or Check payable to "ARRL-VEC"
- FCC License Fee \$35 - payable after FCC sends you a link. DOES NOT APPLY to upgrades
- **17 years old or younger? VE Fee is \$5** per the ARRL reduced CE fee Youth Program
- 17 years old or younger? ARRL will reimburse you the \$35 FCC Fee

## Okay - Now **All** the Details:

- If you are sick, have a cough, a high temperature or have been exposed to COVID-19 or other communicable germs, or someone that has been infected - please, *do not* come to the club site. *Use of masks is optional.*
- No food or snacks allowed.
- 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).
- 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.
- Calculators are okay to use (if you need one) as long as the memories are cleared.
- NO cell Phones allowed.

**First-Time Exam Applicants MUST Obtain FCC Registration Number BEFORE Taking Exam** - 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 -** All applications are required to contain an email address for FCC correspondence. Applicants will receive an email direct from the FCC with a link to the official electronic copy of their license whenever a license is issued or changed. ARRL VEC suggests that those without access to email to use the email address of a family member or friend. Licensees will be able to log in to the ULS using their FRN and password to download the latest version of their license at any time. The FCC no longer provides paper license documents via regular mail.

**FCC - \$35 Amateur Application Fee -** The Federal Communications Commission (FCC) staff has clarified in response to an ARRL request that the new \$35 application fee will **not apply to upgrade to an amateur radio licensee's operator class and changes to club station trustees**. The new fees will apply only to applications for a **new** license, **renewal**, rule waiver, or a **new vanity call sign**.

**VECs and Volunteer Examiner (VE) teams will not collect the \$35 fee at exam sessions.** New applicants will pay the \$15 exam session fee to the ARRL VE team as usual.

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.

**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 **17 years old or younger** for tests administered under the ARRL Volunteer Examiner Coordinator (VEC) program. 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 17 years old or younger would pay a reduced exam session fee of \$5 to the ARRL VE team at the time of the exam. The \$5 fee is for all candidates 17 years old or younger, regardless of the exam level taken. Proof of under 18 status is required.

Visit the ARRL website for the program instructions and reimbursement form at [www.arrl.org/youth-licensing-grant-program](http://www.arrl.org/youth-licensing-grant-program).

## Printing Your FCC License

Information provided by Anthony Luscre, K8ZT

As of February 17, 2015, the **FCC no longer routinely issues paper license documents** to Amateur Radio applicants and licensees. The Commission has maintained for some time now that the official Amateur Radio license authorization is the electronic record that exists in its Universal Licensing System (ULS). The FCC will continue to provide paper license documents to all licensees who notify the Commission that they prefer to receive one.

Licensees also will be able to print out an official authorization — as well as an unofficial “reference copy” — from the ULS License Manager.

I've created a set of instructions on how you can request an “**official**” **printed copy of your license\***  
[Click here to download the instructions](#)





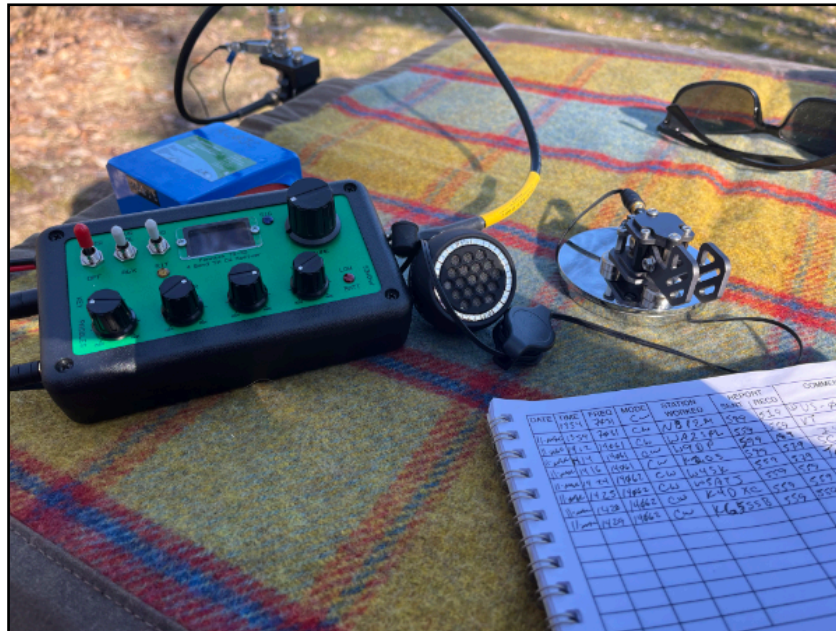
May is a big month for Ham Radio in Ohio. We have the world famous Dayton Hamvention this month. That's always a treat! We also have a lot more of that giant yellow disc in the sky floating around. More sun means knocking out any antenna work for longer summer daylight hours. For those of us who enjoy POTA and outdoor operations, this is our time! I hope that you find something in the hobby to inspire you as the days get longer and warmer.

Thank you to all of those who sent inputs for this month's issue:

**AC8NT, K8CAV, KB8UUZ, KD8OBA, N8WCP, NA2AA, N8UDQ, W8NET, W8PT, WA8LRW, WG8X, and the World Wide Web.**

Send all of your inputs to me at [KC8JC@portcars.org](mailto:KC8JC@portcars.org) in the form of plain text and full-size photos. We really want to hear what you're up to and what you've come across in the hobby that has your attention.

Remember: With **YOUR** continued help, **WE** can keep making this a **GREAT** newsletter!



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

~ The Hamvention® 2018 Club of the Year ~

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

**Meeting starts at 7:00 PM. All are welcome to attend - Stop in and say hello!**

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

Check PCARS out on the web: [www.PORTCARS.org](http://www.PORTCARS.org)

## 2025 PCARS Officers

President - Jim Wilson - AC8NT  
Vice President - Russ Williams - NR8W  
Treasurer - Paul Hyland - KE8EGF  
1 Year Trustee - Mike Ryan - KB8TUY  
2 Year Trustee - Gene Marsh - W8NET  
3 Year Trustee - Tom Parkinson - KB8UUZ  
Past President - Mike Gonzalez - KP4VZ

PCARS Incorporated  
Nov. 1, 2005

First Meeting  
Nov. 14, 2005



ARRL Affiliation  
April 20, 2006



Special Service Club  
March 22, 2010

## 2025 PCARS Appointments & Committees

ARRL Awards DXCC	W8KNO	Joe Wehner
Club Site Management	K8CAV	Rick Kruis
Contest Coordinator	W8PT	Chuck Patellis
EchoLink	AC8NT	Jim Wilson
Field Day Chairman	WA8AR	Tony Romito
FYAO Chairman	W8PT	Chuck Patellis
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## THE RADIOGRAM

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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: [KC8JC@portcars.org](mailto:KC8JC@portcars.org)

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