



# 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

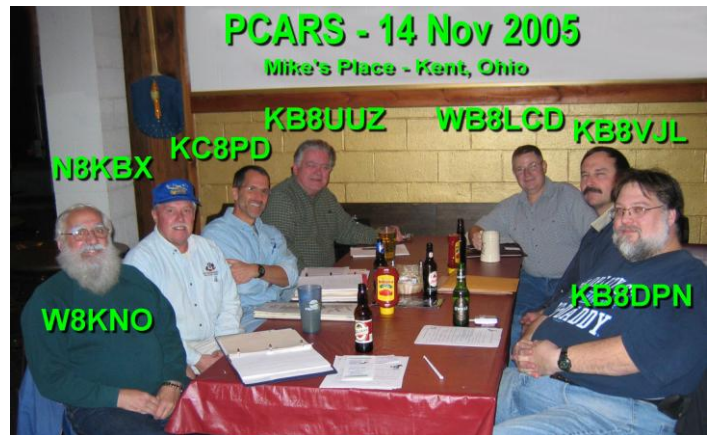
November 2023 - Volume 18 Number 11

## OSPOTA 2023 Results

### Ohio State Parks On The Air



**Happy 18<sup>th</sup>  
Anniversary  
PCARS**



## Center of Hope - BIG Raffle at Nov Meeting

**Center of Hope**  
Help PCARS  
Raise Donations

Secure Donation Through  
**PayPal**



# PCARS K8BF

The Club that puts the FUN in Ham Radio!





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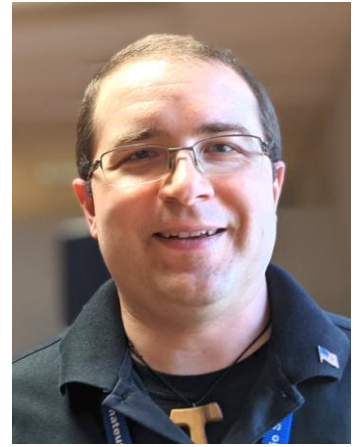




## From the President



**Nick, AC8QG**  
PCARS President



### Center of Hope Fundraiser

As we do every November, we're raising money for the Center of Hope. PCARS members have demonstrated exceptional generosity every year, and I know this year we'll do the same.

Remember! Every little bit helps, so ask anyone and everyone to help out too. You can donate right now by going to our website ([www.portcars.org](http://www.portcars.org)) and clicking on the Center of Hope donation button on the right-hand side. Another great way to support the Center of Hope is to purchase 50-50 tickets online or in-person at the November meeting. This month, all proceeds go directly to the Center of Hope. In addition to the monetary prize, we'll have some great "consolation" prizes as well, so be sure to buy a lot of tickets! Your support and generosity make a world of difference, and we thank you!

### Upcoming Elections

This month, you have the opportunity to shape the future of PCARS. Your vote will play a crucial role in determining the direction our club takes. If you feel passionate about guiding our club's future, consider running for office. As an elected officer, your ideas and leadership will directly influence the club's direction for the next year.

Whether you choose to run for an office or not, your presence at the meeting is vital. It's important for all voices to be heard as we make these significant decisions. Remember, it takes all of us to make PCARS the "Big Fun" club, and I'm confident our next round of officers will continue to lead the way!

### Dues are due!

Attention, procrastinators! I mean... members! It's time to renew your membership! To keep your membership current and avoid paying the \$5.00 initiation fee again, you need to renew no later than November 30th! You can pay your dues online, in person, or by mail, but whatever method you choose, don't be late! Thank you for your continued support of PCARS through your membership!

### Happy Thanksgiving

The Thanksgiving holiday is a great time to reflect on all the blessings in our lives. It's a time to remember those who have passed on, and also to appreciate those we are fortunate to have with us this year.

Life is an unbelievable gift, and every moment should be received with gratitude. We all face challenges — be it our health, the well-being of a loved one, a strained relationship, stress, anxiety, or loneliness. No matter what you're going through, I encourage you to pause. Look around at the blessings that surround you. Even if just for a little while, try to focus on what's right in the world. Cultivate a moment of gratitude and let it grow.

I am especially grateful to all of you in PCARS for all you have done for me and my family. So many of you have encouraged, mentored, and inspired us over nearly 10 years!



## From the Vice President



**Jim, AC8NT**  
PCARS Vice President



### **This month has been all about finishing projects**

At the club FCS finally completed tower lighting repairs and a complete tower inspection. The tower had not been inspected for nearly 15 years. We helped train maintenance in simple repairs of the lighting system and how to interpret a tower inspection. This should allow them to properly maintain the tower going forward.

We finished the rebuild of the EchoLink system. The power brick powering the Raspberry pi failed and put out 21 VAC to the Pi and all its interfaces. Killed just about everything. Also, the transceiver we were using died creating another complication. We now have a brand new EchoLink system and transceiver with a fully functional backup for use in the event of a future failure. We also completed a detailed write-up of how to build one of these systems. Unfortunately, most of the information on the internet was old or missing a lot of key steps. The write-up should provide some protection against this problem going forward.

At home I am almost finished with the upgrade of my home automation system. It includes lighting controls and security features. It has been a fun learning curve that provides a much-needed upgrade of this technology. I plan a tech tip in the future on this project.

### **Now to the important stuff.**

The November meeting is, to me at least, the most important meeting of the year.

**First, we elect new officers.** These are the people that will lead PCARS going forward. They do the important work to keep our club running. This year we will be electing both a new President, a new Vice President and a Three Year Trustee. We have a lot of people that have volunteered for the trustee position, but no one that is willing to take on either of the two most important positions. I have said that both involve work, but they are also very rewarding. We can't just elect a president or vice president in name only. We need people that are willing to take a very active role in the club. Please consider running for one of these positions if you really want to help our club stay the great club it has been.

**Second, we give to a very important organization, The Center of Hope.** Year over year, we have given more to this very worthy cause. All the money we give goes to food for those in need. Every dollar! We have a great 50/50 with some great prizes. It is worth buying tickets that support this great cause and can provide a great prize. Please also consider making a personal donation to this great cause, as well as, buying tickets for the November 50/50.

Have fun and get on the air. See you at the November meeting.





## Schedule of Events



- November 6<sup>th</sup> - Board Meeting at PCARS Club Site - 7 pm
- November 13<sup>th</sup> - PCARS Meeting at Kent American Legion - 7 pm ELECTIONS and Center of Hope Drawings
- November 14<sup>th</sup> - PCARS Happy 18<sup>th</sup> Birthday!!!
- November 15<sup>th</sup> - Tech Class over - VE Testing at 7pm - Walk-Ins Welcome
- November 18<sup>th</sup> - Akron Maker Event - 9am-4pm
- December 4<sup>th</sup> - PCARS Board Meeting at PCARS Club Site - 7 pm
- December 11<sup>th</sup> - PCARS Christmas Dinner Meeting at Kent American Legion - 7 pm



### Special Interest Groups at the Club Site

- First Tuesday - Digital Special Interest Group - Moderator: Rick, K8CAV
  - Second Tuesday - Portable Ops Special Interest Group - Moderator: John, WG8X
  - Third Tuesday - Antenna Special Interest Group - Moderator: Bob, N8QE
  - Fourth Tuesday - DX & Contest Special Interest Group - Moderator: Chuck, W8PT
  - Fifth Tuesday - Could Be Anything Special Interest Group - Moderator: Rick, KD8WCK
- Fourth Thursday** - Net Night at the Club Site - 6:30 pm - Moderator: Tom, WB8LCD

Watch your e-mail box for more details on our annual Christmas Dinner meeting that will be held at the Kent American Legion (same place we normally meet).

You can choose between a 7 oz strip steak or chicken breast for dinner. Cost is \$25 per person. You will need to RSVP. We will send out a link for dinner sign ups in November.



## 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.

### Portage County Amateur Radio Service



**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** for sale at \$5.00 each.

**Contact Greg for all of the details: [Treasurer@portcars.org](mailto:Treasurer@portcars.org)**



## From the ARRL Ohio Section Manager



**Tom, WB8LCD**  
ARRL Ohio Section Manager



### Notes from the ARRL Ohio Section Manager

OK Guys (remember, “Guys” is a universal term meaning all of you), We are in the thick of it now. Most clubs are filling out their slates for next year’s officers. Have you paid your dues? No, I’m not talking about dollars, I’m talking about being an integral part of your club by being one of the officers of the club. And I’m not talking about “filling a position”, I’m talking about **DOING** the position. I’m talking about doing it with the mindset that “I’ll do it better than it’s ever been done before” and then following that up with action! I’ve been a club president and a vice-president, and sometime in the future I’ll do it again (when I’m no longer Section Manager). I know the commitment it takes, the time and the effort. **IT’S WORTH IT!**

2023 has been the ARRL year of the Volunteer. All things considered, and counting everyone from top to bottom, it takes a lot of volunteers to keep Amateur Radio going. For all of you in the Ohio Section who have stepped up and volunteered, in any and all of the positions that need to be filled – I want to personally **THANK YOU!** Amateur Radio is the Greatest Hobby in the World because of all you do. We need you now, more than ever. Don’t let us down.

2024, in the Ohio Section, will be the “Year of the Club”. In the Grand Scheme of Amateur Radio, the local radio club is **THE** most important brick in the whole structure. We are going to work together to help every Ohio Section Club reach a new level of competence and achievement. It will be a fantastic year to be an officer of a club or a member of a club!

Remember the movie “Field of Dreams”? The whole premise of the movie was Build It and They Will Come. It made for a nice movie, but it’s fantasy, not reality. Unfortunately, over the past 40 years, the computer, and especially the internet, have led too many to believe that if we build it they will come. **NEWS FLASH:** They’re not coming!

Yes, we have to build it. When they come, they have to have something to come to. But they are not going to show up just because it’s there. Amateur Radio is like the “Blind Pig” who is still able to find an occasional acorn. Sorry to say, but that’s not good enough if we want to bring enough new people into Amateur Radio to make a difference for our future. Remember, like a lot of things, it’s all about the numbers! We need to grow or we die. We’re going to need to step out of our comfort zone. We’re going to have to look at our hobby and our club and create an “outreach” program.



Our outreach program starts with our Public Image. From day 1 of my term as Section Manager I have stated that one of my primary goals is to create a positive Public Image for Amateur Radio throughout the Ohio Section. We’ll be working on programs that put our name out into the Public to build awareness that Amateur Radio is still here, and with advances in technology it’s a more exciting hobby than ever!

One of the hardest things I have to do is keep up with my email. Between my personal email, business email and Amateur Radio emails, I deal with approximately 100-250 emails every day. Not counting the ones that immediately are routed to the spam file. Even so, quite a few get flushed from my inbox in rapid fashion.... Now I’m asking you to add to my dilemma by sending me an email. Here’s what I want: in the subject line put either “Meeting” or “Activity”. In the body of the email I want you to give me a brief explanation of what the best club meeting you’ve attended in the past 24 month was, or the best club activity you’ve participated in was. If you can remember, give me the club name where it took place, the topic or activity, who the leader was, and why you thought it was so good. That’s it. A brief description will do.

So, your marching orders for the next week are as follows:

- 1) Seriously consider serving your club in a leadership position.
- 2) Get your vote in for the Great Lakes Division election
- 3) Send me an email about a meeting and / or activity
- 4) Support your club by being an active participant
- 5) Pass some traffic through the NTS
- 6) If you are a member – nominate someone for the A-1 Operator Club A-1 Op (arrl.org)

## Center of Hope Donations

November is coming soon and it is a very important month for PCARS, and it's a very important month for **you** to show up at our meeting **November 13<sup>th</sup>** !

Three items come to mind as to why:

- 1- **It's the perfect time to pay your dues for the coming year!**
- 2 - **It's our annual election of officers, and**
- 3 - **It's our annual 50/50 to benefit the Center of Hope in Ravenna.**

You know why you need to pay your dues, you know why our election of officers is so important to the continued success of PCARS! Our annual donation to the Center of Hope is important, not only to the Center of Hope, but to the Portage County Community at large, and specifically to PCARS.

In the early years of PCARS, before our own club site space existed, many PCARS functions and events were held at the old Center of Hope on W. Main St. in Ravenna. (The Center of Hope is one of the programs of F&CS). We even had a few of our clubs monthly meetings there. Early on we decided that in November, all of the clubs portion of the 50/50 raffle would be donated to the Center of Hope as a "thank you" for the assistance they had given PCARS for the use of the space, and later on for the generous opportunity to have space in the former ODOT facility. Our donation has grown from a few hundred dollars to **\$10,870.00 last year!** Our donation is probably one of the largest single donations that The Center of Hope receives over the course of a year.

We want to continue that upward trend as long as we can! We have an outstanding club facility that we can all be proud of, and that we should all be thankful for. There are 3 ways you can help us. **First**, come to the meeting and buy LOTS of 50/50 tickets - you can also buy them on-line at the PCARS web site! The half of the 50/50 that would normally go to PCARS is given to the Center of Hope donation. **Second**, make a personal donation to the Center of Hope. Dig deep on this, give what you can to help someone in your community have a better holiday season this year. **Lastly**, don't be afraid to ask your friends, neighbors, employers, employees, and anyone else you come in contact with to help you support this very worthwhile endeavor. They can say "yes" or they can say "no", but if you don't ask them, there's no way to get to "yes", and that doesn't help anyone!

Here are a few things you should know about the Center of Hope:

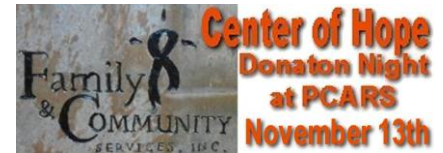
- The Amelia DiGirolamo Center of Hope is dedicated to enhancing the nutrition of low-income people in Portage County where local food pantries are not present. Hot meals are offered at no cost five days a week and are typically served to between 75-100 individuals each day. Groceries are available monthly through the Christian Cupboard. Opportunities for socialization, cooking classes and referral services are also offered.
- Out of every \$1.00 donated, 94 cents goes toward direct service to their clientele. That puts the Center of Hope at the very top of the scale for percentage of funds that actually reach their intended target! There are over 100,000 individuals who receive service through the Center of Hope each year.

We are the Portage County Amateur Radio Service. This is one more way that our community benefits from our organization.

**Please** bring all of your donations, including those you collect from others, to the meeting with you on Monday, November 13th.\*\*

When making your donation, please make checks payable to 'The Center of Hope'. By doing this PCARS does not need to report your donations as income. You will receive a charitable donation receipt directly from the Center of Hope. (If you collect any donations from friends, relatives, etc., the same applies to them) All donations are aggregated to the PCARS donation, even though the individual donor is given credit for it.

**\*\* If you are not able to make the PCARS meeting but you would still like to help us support the Center of Hope, please check the PCARS web site - you can donate on-line through PayPal**





# THANK YOU DX Engineering

A very sincere **THANK YOU** to our friends at **DX Engineering** for helping again this year with the November Center of Hope raffle prizes (see below).

**DX Engineering** has been a long time supporter of PCARS and on behalf of all of the PCARS members, we appreciate their generosity and support throughout the year.

## Come See Us at Our Showroom in Ohio

### Order Pickup in Ohio & Nevada

**DX Engineering, Tallmadge, Ohio**  
Showroom, Tech Support, Order Placement and Pickup

**Monday - Saturday: 9am - 5pm**

Extended hours for order placement and pickup even after the showroom is closed

**Monday - Saturday: 9am - 8pm**

**Sunday: 9am - 7pm**

**Inside Summit Racing Equipment**  
1200 Southeast Ave., Tallmadge, Ohio



Tallmadge, Ohio Showroom





PCARS - 18 Years and Going Better Every Year

# Happy 18<sup>th</sup> Anniversary PCARS



**On November 14, 2005 the Founders officially established PCARS during a meeting at Mike's Place in Kent**


**PCARS K8BF**


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




**PCARS**
[www.portcars.org](http://www.portcars.org)





# OSPOTA 2023 - Final Results



## Ohio State Parks On The Air



Tom, KB8UUZ  
OSPOTA Chairman

The 16<sup>th</sup> annual Ohio State Parks On The Air (OSPOTA) 2023 contest is in the history books. The weather was perfect and the teams and individuals that went out to the Ohio State Parks did a fantastic job. Activity on 40 and 80 was great and even 10 and 15 had some takers as well. 40 was the most active.



When I was on, I was busy spotting every one of the Ohio State Parks I heard to help increase the activity. Others were spotting as well. That's great since it does make other operators around the world realize that OSPOTA is on the air!!!

The OSPOTA contest committee did all the cross checking of logs and tallying via email to avoid having to sit in a room for 4-6 hours together.

I must say all went pretty good and we got everything sorted out and in the following pages, you will see all the results.



I was the one that initially received the logs and did some pre-checks and gathered info on the State Park, State or Country the log was from. Copied info on the Club affiliation, operators, loggers, helpers, and raw scores. The once the logs were in, I sent them to John, WG8X to run them through the log checking process (more on that in his article). Once they were done and sent back to me, I then updated my tally sheet, and wrote up the soapbox comments and photos we received. I estimated the total time for all the committee work was well over 90 hours.

One thing I did notice this year (more than in past years) that some participants that were in an Ohio State Park made contacts only to other Ohio State Parks. That's fine since Ohio State Parks are multipliers, but you missed out on a LOT of extra points by not making contacts to other stations as well. Think about that for next year. Your score would definitely increase by making more contacts. And, there seemed to be a number of State Parks activated, but no log was sent in. Next year, please send in those logs. We would all appreciate them.

The OSPOTA committee sends out a big **THANK YOU** to all that participated in this year's OSPOTA and we look forward to hearing you on the air again next year to have even more FUN..

**73 from the OSPOTA Contest Committee**

**KB8UUZ, WG8X, W8PT, W8KNO and KB8UHN**





# OSPOTA 2023 - Log Checking Information



**John, WG8X**  
OSPOTA Log Master



## OSPOTA 2023 Log Checking

Another year of OSPOTA log checking is behind us. I'll give two thumbs up this year, as the quality of the logs I saw has really improved. That's not to say there weren't some issues, but most were minor. A couple of you reached out for help preparing your logs; something I'm usually happy to provide. But, this year there was this one e-mail. . . . Well let's just say that if someone **demand**s, rather than **request**s, I won't bother responding.

If there was any advice that I could give all of you, it would be to **Work Those Dupes!** If someone is contacting you again, it just might be that you're not in their log. Maybe they busted your call the first time. Besides, it takes less time to log the contact than it does to explain to the calling station that they are a dupe.

We don't give you credit for dupes, but we don't penalize you for them either. N3FJP allows you to work dupes. Just go to the Settings tab and check the option "Allow Duplicates". I'm sure that you can do the same with N1MM.

### Some other notes

- Use phonetic letters whenever possible. I saw an awful lot of log errors this year that I believe were due to the lack of using phonetic alphabet.
- Unlike most contests, any OSPOTA contact that is not in the US should be logged as DX
- With paper logging errors can pop in, such as a "u" can become an "n" when transcribing the logs. We also heard stories of contacts logged without the complete info needed. I'm not saying you can't use paper logging; just be extremely detail oriented when writing down your contacts. Remember, someone has to later transcribe those contacts into a computerized format. Let's not make their job harder.

Lastly, Cabrillo files aren't hard to produce, and are not going away. If you have questions, or problems creating them, I always ask folks to reach out to me for help. I don't know of any other contest that does that.

So, that being said, I hope you'll make plans to join us on the air for OSPOTA 2024. Mark those calendars for September 7<sup>th</sup>, 2024.



# Ohio State Parks On The Air



# Ohio State Parks On The Air 2023 Final Results

**16<sup>th</sup> OSPOTA 2023 General Information** (based on logs received):

Top score this year - **31,218**

**89** Logs submitted

**50** Parks activated    **63** Parks contacted    **25** Parks not activated

**13** Parks did not send in a log    **11** Out of state logs submitted

**47** Clubs represented

**12** Logs were Gold Logs (no mistakes)

over **225** Hams took part this year



*Ohio State Parks*



*On The Air*



# Ohio State Parks On The Air



## 47 Clubs Represented

Club Name	Station Call Sign
Allegheny Valley Radio Association (PA)	W3WC
Alliance Amateur Radio Club (2)	WG8X, KD8BBK
Amigos Radio Club Ashtabula	KC8OH
Ashtabula County Amateur Radio Club	K8CY
Athens County Amateur Radio Association	W8UKE
Bellbrook Amateur Radio Club	W8DGN
Bolingbrook Amateur Radio Society (Illinois)	W9GPB
Cambridge Amateur Radio Association	W8VP
Cambridge Area Maker Group	KY8C
Central Ohio Operators Klub Extra-Novice	N8CJ
Contest Group du Quebec (Canada)	VE2GT
CREAS-ARC	KE8JVX,
Cuyahoga Amateur Radio Society	K8RGI
Cuyahoga Falls Amateur Radio Club	WA3JAT
Defiance County Amateur Radio Club	K8VON
DeForest Amateur Radio Club	K8GE
Diebold Amateur Radio Club	W8ATM
Drake Amateur Radio Club	K8UU
Fayette Amateur Radio Association	K8FAY
Fulton County Amateur Radio Club	K8BXQ
Hamilton Amateur Radio Club	W8AJT
Hocking Valley Amateur Radio Club	K8LGN
Huber Heights Amateur Radio Club	NO8I
Kentucky Contest Group (KY)	KO4UMQ
Koomer Ridge Contesters Club	K1CCN
Lake County Amateur Radio Association	N8BC
Madison County Amateur Radio Club	KE8RV
Mahoning Valley Amateur Radio Association (2)	KD8NZF, W8QLY
Marietta Amateur Radio Club (2)	K8RYU/R, W8HH
Medina County Amateur Radio Club (2)	K8FH, K8MD
Medina Two Meter Group	NF8O
OH-KY-IN Amateur Radio Society	K8SCH
Paulding County Ohio Amateur Radio Club	KE8FJX
Pedestrian Amateur Radio Club	K8PRC
Portage County Amateur Radio Service (9)	KB8UUZ, N8QE, WB9LBI, KD8CGH, KC8JC, KB8TUY, K3GP, KP4VZ, AD8IR
Preble Amateur Radio Association	N8XCC
Scioto Valley Amateur Radio Club	W8BAP
Silvercreek Amateur Radio Association	AC8RH
Society of Midwest Contesters (Illinois)	WB9HFK
Steubenville-Weirton Amateur Radio Club	W8CWO
Stillwater Amateur Radio Club	KD8YPP
Sunday Creek Amateur Radio Federation	KC8AAV
Tennessee Contest Group (TN)	WA4JA
Union County Amateur Radio Club (2)	KE8ANU, KD8UFE
Warren Amateur Radio Association	W8VTD
West Chester Amateur Radio Association	W8O
Western Reserve Amateur Radio Club	W8WRC



Ohio State Parks



On The Air







# 16<sup>th</sup> Ohio State Parks On The Air Contest - 2023 - Final Scores



**Overall High Score**  
**K8BXQ operating from Harrison Lake - 31,218**

MML : Multi Op - Multi Radio - Low Power - In a Park			
#	Call	Park Name/Team	Final Score
1	K8BXQ	<b>Harrison Lake</b> K8CAG, KE8QJF, KE8OKA, KE8QJU, KE8QJV, KE8SZL, KE8UTZ, AB8RC, KB8ELG, KD8KBU	<b>31,218</b>
2	W8ATM	<b>Quail Hollow</b> N8OH, W8VE, W8KEN, W8XY, KE8OWD	<b>28,944</b>
3	K8UU	<b>Caesar Creek</b> WE8N, KA8IIM, WZ8K, KD8VWF	<b>21,438</b>
4	W8VTD	<b>Mosquito Lake</b> K8CPG, KE8NSY, KE8TNW, N8HRZ, W8KDZ	20,384
5	K1CCN	<b>Kiser Lake</b> KB8UEY, K8GIB	17,300
6	KE8RV	<b>Madison Lake</b> N8CWU, WB8OSU, W8RAY	11,950
7	AD8IR	<b>West Branch</b> AC8QG, AD8IR, AD8FQ, KE8WVV, KE8ARB, KE8LWO, Dominic	9,632
8	N8BAP	<b>Paint Creek</b> N8BAP, N8CUB, W8SKJ, WA6WTF, KB8DOT, WD8LSN, KE8ORQ, KI5DQH	9,156
9	K8VON	<b>Independence Dam</b> WD8JVV, KD8JSP, W8SRD	6,270
10	KD8YPY	<b>Sycamore</b> KD8YPY, KE8HFM, KD8DRY	4,060
11	K8CY	<b>Geneva</b> N8YFF, N8NYI, KC8KEB, KE8JW, K8SAS, K3YP	3,752
12	K8SCH	<b>Little Miami</b> KD8OOB, N3VQW	3,432
13	KC8OH	<b>Headlands Beach</b> KC8RJO, KD8LHR, KE8PVL, KE8YQL, KC8LAR, W8IJC	2,904
14	W8WRC	<b>Beaver Creek</b> KC3GFU, WF8U, KE8VOB, KE8WPM	2,607
15	W8DGN	<b>Buck Creek</b> N8VMX, WS8M, KD8APT, KE8FWZ, KI5VNB, W8LRJ	1,920
16	K8GQB	<b>Guilford Lake</b> K8LDX, K8BXT, KE8VVB, KE8VMI, N4ROE, K8IKO	1,380
17	N8BC	<b>Headlands Beach</b> KB8BKE, WB8PHI, WB8ZGH, K8BL, AA8OY, KE8PP, N8WCL	1,050
18	NO8I	<b>Sycamore</b> AB8YK, KE8DOC, KD8UPX, KD8UZV, N8VAR	525
19	KB8EMD	<b>Cowan Lake</b> KB8EMD, W9PMZ, K8STU, KD8TVP, N8OI	Check Log

MMH : Multi Op - Single Radio - High Power - In a Park			
#	Call	Park Name/Team	Score
		<b>----- No Entries In This Category for 2023 -----</b>	

MSH : Multi Op - Single - Radio - High Power - In a Park			
#	Call	Park Name/Team	Final Score
1	KC8AAV	<b>Burr Oak</b> KC8QDQ, N8UVM, N8MWK, KE8SIQ, KE8WJJ, KD8KZG	<b>Gold Log</b> <b>17,108</b>



Ohio State Parks



On The Air



<b>/R : Rover - In Parks</b>			
#	Call	Park Names	Final Score
1	K8RYU/R	Tar Hollow - Lake Logan - Hocking Hills	3,923
2	N8EU/R	Little Miami - John Bryon - Caesar Creek - Cowan Lake	1,482

<b>MSL : Multi Op - Single Radio - Low Power - In a Park</b>			
#	Call	Park Name/Team	Final Score
1	N8XCC	Hueston Woods N8XC, N8XCC	25,016
2	K8PRC	Portage Lakes N3JJT, N8IVJ, KE8IDH, KD8ENV	6,068
3	KY8C	Salt Fork KB3RDR, K8AL, KE8ZAA, N8WJ	5,143
4	W8HH	Muskingum River WD8JFT, KE8RBY	5,053
5	W8UKE	Strouds Run WD8RIF, WD8SCV, KC3EKE, KC8JRV	4,200
6	NF8O	Malabar Farm NF8O, N8FJR	3,268
7	KE8FJX	Independence Dam N8OXQ, KE8WAT	2,142
8	K8GE	Adams Lake KE8GAD, KE8TTQ, N8WYX, K8WEH, KB8OMG	1,312
9	K8LGN	Lake Logan KD8PSB, W8LGX	1,085
10	W8VP	Blue Rock W8FHF, N8IMW, KD8BYY, AB8P, N8BOZ, KD8ZMG, KE8CIN, KE8QYD, KE8QYB, KE8QYE, WD8SDH	1,000
11	W8BAP	Scioto Trail N8RKC, KE8SYZ, AA8KY, KD8CHP	529
12	W8CWO	Jefferson Lake N8GD, N8KRO, K6RBV, AB8DE	462
13	W8QLY	Lake Milton KB8GAE WB8YHD KD8NZF K8MSH	418
13	W8O	Little Miami N8VSI, N8MIQ	Gold Log 418
14	W8AJT	Hueston Woods WB8TCB, KE8BWQ, KE8WJO, N8SDR, KE8MVY, N8KYX, KE8TTU, KE8EXQ, KE1TLG	Check Log

<b>INOH : In Ohio - Not In Park</b>		
#	Call	Final Score
1	WB9LBI	1,989
2	KB8UUZ	1,716
3	N8QE	1,530
4	K8RGI	1,020
5	KP4VZ	870
6	W8GTS	Gold Log 924
7	KE8JVX	700
8	K3GP	342
9	KB8TUY	16
9	KD8NZF	16

<b>OUT : Outside Ohio</b>			
#	Call	State	Final Score
1	N3CU	PA	1,548
2	WB9HFK	IL	Gold Log 1,517
3	W9GPB	IL	529
4	WA4JA	TN	400
5	KA5VZG	TN	Gold Log 306
6	N9FAT	MI	224
7	KE8VKY	MI	Gold Log 169
8	KO4UMQ	KY	144
9	W8RD	FL	100
10	VE2GT	QC	Gold Log 25
11	KM4IAJ	VA	4



Ohio State Parks



On The Air



**SH : Single Op - High Power - In a Park**

#	Call	Park Name	Final Score
1	N8OCJ	Great Seal	Gold Log 3,397

**SL : Single Op - Low Power - In a Park**

#	Call	Park Name	Final Score
1	KY8U	East Fork	Gold Log 18,156
2	N8CJ	Dillon	17,225
3	KD8BBK	Jesse Owens	14,711
4	WA3JAT	Nelson-Kennedy Ledges	10,058
5	KN4COE	Stonelick	9,450
6	AC8RH	Barcamp	9,020
7	WG8X	Mt. Gilead	8,756
8	K8MD	Middle Bass Island	8,507
9	K8FH	Findley	6,288
10	KQ4YC	Cowan Lake	6,028
11	KZ3L	Deer Creek	5,355
12	K8FAY	Deer Creek	3,939
13	AF1K	Tinkers Creek	2,268
14	KC8RJS	Lake Milton	1,584
15	NF8U	Muskingum River	Gold Log 1,155
16	KC8JC	Salt Fork	1,053
17	K8CSR	Wolf Run	1,029
18	WB3AFS	South Bass Island	980
19	KE8ANU	Delaware	594
20	K8TSG	Delaware	506
21	KD8UFE	Alum Creek	408
22	KE8DRR	Headlands Beach	216
23	W3WC	Mosquito Lake	Gold Log 196
24	W8CX	Grand Lake St. Marys	Gold Log 156
25	KD8CGH	Punderson	80



# Ohio State Parks On The Air



Ohio State Parks



On The Air







# Ohio State Parks On The Air



## Park Listing showing Activated and Contacted in 2023

Ohio State Park	ID	Activated	Contacted
Adams Lake	ADA	X	X
Alum Creek	ALU	X	X
A. W. Marion	AWM		X
Barkcamp	BAR	X	X
Beaver Creek	BEA	X	X
Blue Rock	BLU	X	X
Buck Creek	BCK	X	X
Buckeye Lake	BKL		
Burr Oak	BUR	X	X
Caesar Creek	CAE	X	X
Catawba Island	CAT		X
Cowan Lake	COW	X	X
Deer Creek	DEE	X	X
Delaware	DEL	X	X
Dillon	DIL	X	X
East Fork	EFK	X	X
East Harbor	EHB		X
Findley	FIN	X	X
Forked Run	FOR		
Geneva	GEN	X	X
Grand Lake St. Marys	GLM	X	X
Great Seal	GSL	X	X
Guilford Lake	GLK		X
Harrison Lake	HLK	X	X
Headlands Beach	HEA	X	X
Hocking Hills	HOC	X	X
Hueston Woods	HUE	X	X
Independence Dam	IDM	X	X
Indian Lake	ILK		X
Jackson Lake	JAC		
Jefferson Lake	JEF	X	X
John Bryan	JOB	X	X
Jesse Owens	JEO	X	X
Kelleys Island	KEL		
Kiser Lake	KLK	X	X
Lake Alma	LAL		X
Lake Hope	LHO		X
Lake Logan	LOG	X	X

Ohio State Park	ID	Activated	Contacted
Lake Loramie	LOR		X
Lake Milton	LML	X	X
Lake White	LWT		
Little Miami	LMI	X	X
Madison Lake	MLK	X	X
Malabar Farm	MAL	X	X
Marblehead Lighthouse	MHD		X
Mary Jane Thurston	MJT		
Maumee Bay	MBY		X
Middle Bass Island	MBI	X	X
Mohican	MOH		X
Mosquito Lake	MST	X	X
Mt. Gilead	MTG	X	X
Muskingum River	MUS	X	X
Nelson Kennedy Ledges	NKL	X	X
North Bass Island	NBI		
Oak Point	OPT		
Paint Creek	PTC	X	X
Pike Lake	PLK		
Portage Lakes	POR	X	X
Punderson	PUN	X	X
Pymatuning	PYM		
Quail Hollow	QHL	X	X
Rocky Fork	RFK		X
Salt Fork	SFK	X	X
Scioto Trail	STR	X	X
Shawnee	SHA		
South Bass Island	SBI	X	X
Stonelick	STO	X	X
Strouds Run	SRN	X	X
Sycamore	SYC	X	X
Tar Hollow	TAR	X	X
Tinkers Creek	TCK	X	X
Van Buren	VAN		
West Branch	WBR	X	X
Wingfoot Lake	WLK		X
Wolf Run	WRN	X	X
		50	63

Parks Activated = 50 (Log sent in)  
Parks Contacted = 63 (13 parks did not send in a log)



Ohio State Parks



On The Air





# Ohio State Parks On The Air



## Ohio State Parks Activated during the OSPOTA Contests: 2008-2023

Page 1 of 2

Ohio State Park	ID	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Adams Lake	ADA					X	X	X		X	X		X		X		X
Alum Creek	ALU			X	X			X	X		X	X	X	X	X	X	X
A. W. Marion	AWM	X	X	X				X		X	X	X	X	X	X	X	
Barkcamp	BAR		X			X	X	X	X	X				X	X	X	X
Beaver Creek	BEA			X			X	X	X	X			X		X	X	X
Blue Rock	BLU	X		X		X	X		X	X	X		X	X	X	X	X
Buck Creek	BCK			X		X	X	X	X	X	X	X				X	X
Buckeye Lake	BKL	X	X	X	X	X	X				X		X		X	X	
Burr Oak	BUR	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X
Caesar Creek	CAE	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
Catawba Island	CAT					X	X	X	X		X	X	X				
Cleveland Lakefront	CLE	X		X	X	X	N2	-	-	-	-	-	-	-	-	-	-
Cowan Lake	COW	X	X	X	X	X		X	X		X		X	X	X	X	X
Deer Creek	DEE		X	X	X	X	X	X	X	X	X		X	X	X	X	X
Delaware	DEL	X		X	X		X				X	X	X	X	X	X	X
Dillon	DIL						X	X			X		X	X	X	X	X
East Fork	EFK				X	X	X	X	X	X	X		X	X	X		X
East Harbor	EHB			X	X	X	X	X	X			X	X		X	X	
Findley	FIN	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Forked Run	FOR		X	X	X			X				X		X	X		
Geneva	GEN			X	X	X	X	X	X	X	X	X	X	X		X	X
Grand Lake St. Marys	GLM	X	X	X	X	X	X	X	X	X	X				X	X	X
Great Council	GRC	N5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	N5
Great Seal	GSL		X	X	X	X	X	X	X	X	X						X
Guilford Lake	GLK	X		X	X	X	X	X	X	X	X		X		X	X	
Harrison Lake	HLK					X	X	X	X	X	X	X	X	X	X	X	X
Headlands Beach	HEA			X		X	X	X	X	X	X	X	X	X	X	X	X
Hocking Hills	HOC	X		X	X	X						X	X			X	X
Hueston Woods	HUE		X	X	X	X	X	X	X	X	X		X	X	X	X	X
Independence Dam	IDM				X	X	X		X		X		X		X	X	X
Indian Lake	ILK	X		X	X	X		X	X	X	X		X	X		X	
Jackson Lake	JAC	X						X	X	X	X	X		X	X		
Jefferson Lake	JEF					X	X	X	X		X	X	X		X	X	X
Jessie Owens	JEO	N4	-	-	-	-	-	-	-	-	-	N4	X	X	X		X
John Bryan	JOB	X		X	X	X	X	X	X	X	X		X		X	X	X
Kelleys Island	KEL	X				X	X		X				X				
Kiser Lake	KLK	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X
Lake Alma	LAL	X	X	X	X	X	X	X		X	X		X	X	X	X	
Lake Hope	LHO	X		X	X	X	X	X			X	X	X	X	X	X	
Lake Logan	LOG			X	X	X	X	X	X	X	X	X		X		X	X

# Ohio State Parks Activated during the OSPOTA Contests: 2008-2023

Ohio State Park	ID	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Lake Loramie	LOR			X	X	X	X	X	X	X	X	X	X			X	
Lake Milton	LML	X		X	X	X	X	X	X	X	X		X	X	X	X	X
Lake White	LWT		X	X	X	X	X	N3	-	-	N3		X				
Little Miami	LMI			X	X	X	X	X			X		X	X	X	X	X
Madison Lake	MLK	X		X		X		X	X				X	X	X	X	X
Malabar Farm	MAL			X	X	X	X	X	X	X	X	X	X	X	X		X
Marblehead Lighthouse	MHD					X	X	X			X		X		X		
Mary Jane Thurston	MJT	X		X	X		X	X	X		X	X	X			X	
Maumee Bay	MBY			X			X	X			X	X	X	X	X		
Middle Bass Island	MBI						X	X		X	X		X		X	X	X
Mohican	MOH			X	X	X	X	X	X	X	X	X	X		X	X	
Mosquito Lake	MST	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mt. Gilead	MTG	X			X		X	X	X				X	X	X	X	X
Muskingum River	MUS			X		X	X	X	X	X	X		X		X	X	X
Nelson-Kennedy Ledges	NKL			X	X		X	X			X		X	X		X	X
North Bass Island	NBI						X						X	X			
Oak Point	OPT							X			X	X	X	X	X	X	
Paint Creek	PTC			X	X	X		X	X		X		X	X	X	X	X
Pike Lake	PLK			X	X	X	X	X	X	X	X	X	X	X	X		
Portage Lakes	POR	X		X	X	X	X	X	X	X	X	X			X	X	X
Punderson	PUN	X		X		X	X	X	X	X	X	X	X	X	X	X	X
Pymatuning	PYM	X		X	X	X	X		X	X	X	X	X		X	X	
Quail Hollow	QHL	X	X	X		X	X	X	X	X			X			X	X
Rocky Fork	RFK			X	X	X	X	X	X	X	X	X	X	X	X	X	
Salt Fork	SFK	X		X	X	X	X	X		X	X		X	X	X	X	X
Scioto Trail	STR		X	X	X	X	X	X	X	X			X			X	X
Shawnee	SHA				X	X	X		X	X	X		X		X	X	
South Bass Island	SBI	X					X	X	X	X			X	X	X	X	X
Stonelick	STO	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X
Strouds Run	SRN	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Sycamore	SYC	X		X	X	X	X	X		X				X	X	X	X
Tar Hollow	TAR			X	X	X	X	X	X	X			X	X		X	X
Tinkers Creek	TCK	X		X	X	X	X	X	X	X	X		X	X	X	X	X
Van Buren	VAN				X	X	X	X	X	X		X		X		X	
West Branch	WBR	X		X	X	X	X	X	X	X	X		X	X	X	X	X
Wingfoot Lake	WLK	N1	X		X	X		X	X	X	X	X	X		X	X	
Wolf Run	WRN	X	X	X	X	X	X	X	X	X	X	X			X		X
		36	20	57	50	60	63	64	55	50	58	35	64	47	58	60	50



## Ohio State Parks On The Air



N1-Wingfoot Lake became a State Park in 2009

N2-Cleveland Lakefront was dropped as a State Park in mid 2013

N3-Lake White State Park was closed by ODNR - leaking dam 2014 - reopened 2018

N4 - Jessie Owens State Park became a State Park in 2018 - Was available for OSPOTA in 2019

N5 - Great Council State Park became a State Park in 2024 - Will be available for OSPOTA in 2025

*Not all activated parks sent a log in for scoring*

Activated Parks 2008-2023

September 2023





*Thanks goes out to the 225 stations, ham radio operators, loggers and helpers that submitted logs for the 2023 Ohio State Parks On The Air contest*

AA8KY
AA8OY
AB8DE
AB8P
AB8RC
AB8YK
AC8QG
AC8RH
AD8FQ
AD8IR
AF1K
Dominic
K1CCN
K3GP
K3YP
K6RBV
K8AL
K8BL
K8BXQ
K8CAG
K8CSR
K8CY
K8FAY
K8FH
K8GE
K8GIB
K8LGN
K8MD
K8MSH
K8PRC
K8RGI
K8SAS
K8STU
K8TSG
K8UU
K8VON
KA5VZG
KA8IIM
KB3RDR

KB8BKE
KB8DOT
KB8ELG
KB8EMD
KB8GAE
KB8OMG
KB8TUY
KB8UEY
KB8UUZ
KC3EKE
KC3GFU
KC8AAV
KC8JC
KC8JRV
KC8KEB
KC8LAR
KC8OH
KC8QDQ
KC8RJO
KC8RJS
KD8APT
KD8BBK
KD8BYY
KD8CGH
KD8CHP
KD8DRY
KD8ENV
KD8JSP
KD8KBU
KD8KZG
KD8LHR
KD8NZF
KD8OOB
KD8PSB
KD8TVP
KD8UFE
KD8UPX
KD8UZV
KD8VWF

KD8YPY
KD8ZMG
KE1TLG
KE8ANU
KE8ARB
KE8BWQ
KE8CIN
KE8DOC
KE8EXQ
KE8FJX
KE8FWZ
KE8GAD
KE8HFM
KE8IDH
KE8JVX
KE8JW
KE8LWO
KE8MVY
KE8OKA
KE8ORQ
KE8OWD
KE8PP
KE8PVL
KE8QJF
KE8QJU
KE8QJV
KE8QYB
KE8QYD
KE8QYE
KE8RBY
KE8RV
KE8SIQ
KE8SYZ
KE8SZL
KE8TTQ
KE8TTU
KE8UTZ
KE8VOB
KE8WAT

KE8WEH
KE8WJJ
KE8WJO
KE8WPM
KE8WVW
KE8YQL
KE8ZAA
KI5DQH
KI5VNB
KK8SCH
KM4IAJ
KN4COE
KO4UMQ
KP4VZ
KQ4YC
KY8C
KY8U
KZ3L
N3CU
N3JJT
N3VQW
N8BAP
N8BC
N8BOZ
N8CJ
N8CUB
N8CWU
N8EU/R
N8FJR
N8GD
N8IMW
N8IVJ
N8KRO
N8KYX
N8MIQ
N8MWK
N8NYI
N8OCJ
N8OH

N8OI
N8OXQ
N8QE
N8RKC
N8SDR
N8UVM
N8VAR
N8VMX
N8VSI
N8WCL
N8WJ
N8WYX
N8XC
N8XCC
N8YFF
N9FAT
NF8O
NF8U
NO8I
VE2GT
W3WC
W8AJT
W8BAP
W8CWO
W8CX
W8DGN
W8FHF
W8GTS
W8HH
W8IJC
W8KEN
W8LGX
W8LRJ
W8O
W8QLY
W8RAY
W8RD
W8SKJ
W8SRD

W8TAM
W8TCB
W8UKE
W8VE
W8VP
W8WRC
W8XY
W9GPB
W9PMZ
WA3JAT
WA4JA
WA6WTF
WB3AFS
WB8OSU
WB8PHI
WB8YHD
WB8ZGH
WB9HFK
WB9LBI
WD8JFT
WD8JVV
WD8LSN
WD8RIF
WD8SCV
WD8SDH
WE8N
WF8U
WG8X
WS8M
WZ8K



*Ohio State Parks*



*On The Air*



## AD8IR - West Branch State Park

From West Branch  
Ohio State Park

Team AD8IR:  
AC8QG, AD8IR,  
AD8FQ, KE8WVV,  
KE8ARB, KE8LWO,  
Dominic



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## AF1K - Tinkers Creek State Park



Things got off to a slow start but I made up for it with a pileup on 40M from 12:00PM to 1:30PM EST! Then around 2:30 I had to vacate from the Liberty Park / Tinkers Creek shelter for a group that had reserved it. Hmmm, the "Reserved For" sign was blank when I got there to set up at 8AM. I then attempted to relocate to a fold up table I brought in case of something like that happened. But, there were kids running around and wind was picking up. So, I decided it would be best to tear down and go home. Oh well! It sure was fun while it lasted though. Conditions were great and I expect there will be many record breaking scores this year! I hope to do it all over again in



2024. Here's a shout out THANK YOU to all the OSPOTA organizers and PCARS for the work they put in to make this such a great continuing success!



## KE8MD - Cowan Lake State Park

Team: KE8EMD, N8OI, KD8TVP, K8STU, W9PMZ



This was my last OSPOTA, health reasons make getting around too hard. I want to thank the Portage club for running the OSPOTA. I know in the past planning the outing for myself and "our" group goes on from one ending to the start of the next. What new antennas will we bring, will 20, 40 or 80 meters work best. Wondering if we can get the same shelter house as last year, seems the "Hilltop" shelter at Cowan Lake SP is a popular spot. This year there were three other Hams wanting to use the shelter. Our group this year like several in the past had a new member Carl W9PMZ, Carl brought his trapped 40-80 meter dipole and his adjustable fiberglass mast. Stu K8STU joined us for his second OSPOTA with us, he adds a lot to a successful outing. Another addition this year was Glen KC8LA who drove an hour and a half just to meet the people whom he talks to almost every morning on the "rascal" early morning net on the NO8I repeater in Huber Heights Ohio. Then there is the BIG three Jerry KD8TVP, Gary N8OI and myself Larry KB8EMD. Jerry and I have been to all of our (if memory serves) eleven OSPOTA outings. Many other hams have visited or joined us over the years. I have tried to pick the best outing but there has been so many I just can't single one out. I would like to offer an invitation to all to come see and enjoy COWAN Lake SP truly one of the good ones. Thanks goes out to everyone who I've met or talked to during the past years, I miss it already - LARRY BAKER KB8EMD

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## N8XCC - Hueston Woods State Park

Another great year from Hueston Woods! 80 meters didn't stay active nearly as long as last year but 40 held up great to the very end. Too much DX on 20 and 15 but still made a few on 20. 10 meters seemed dead but lots of RF noise from the generator made it impossible to work anyway. The W8AJT Hamilton Club made a gracious invite (on 40 meters) for us to stop by across the lake for some after action barbecue that was super delicious! Thanks guys!! Already looking forward to next year. 73's de Tean N8XCC: N8XCC Diane and N8XC Jesse



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## W8UKE - Strouds Run State Park

W8UKE Team Members: WD8RIF, WD8SCV, KC3EKE, KC8JRV. Club member turn-out was less than we had hoped but the rig remained busy for most of the OSPOTA period. 80m seemed significantly less productive than in previous years. Still--a good time was had by all who participated and we're looking forward to next year! 73, W. Eric McFadden, WD8RIF President, Athens County Amateur Radio Association



Ohio State Parks



On The Air

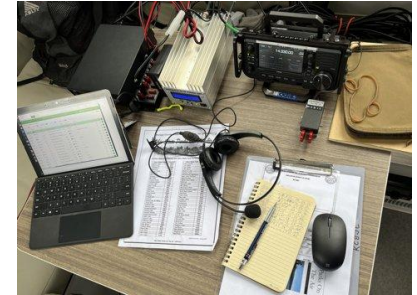




## KC8JC - Salt Fork State Park



Last year was the first time that I'd ever participated in OSPOTA. I was still quite new to POTA but I was getting better at my portable operations. I spent my weekend at Salt Fork State Park K-1989 or SFK both last year and again this year. It's a nice park with a good, technical trail that my wife likes to take on with the dog while I'm in the camper running my mouth for a few hours. I will freely admit that I am not a natural contester. Sitting in the chair for hours making contacts is fun for a while, but I run out of steam after about 4 hours. Knowing this going in and feeling a lot more comfortable with my gear and technique, Nacho The Radio Beagle and I had a LOT of fun. I fired up the station on Saturday right in time to start the contest. My very first OSPOTA contact was my buddy N3VEM. I was really happy to get him in the log! The most exciting log entry was, of course, the Editor In Chief of the PCARS Radiogram, Tom KB8UUZ! Great to get other PCARS members in the log when we can. The bands were a mixed bag. 40m started off OK and it was my only real option due to rough conditions last year. This year, it started to get VERY noisy and I eventually shifted off to 20m when I got as many of the Ohio State Parks as I believed that I could. 15m and 10m were both dead for me. 80m tuned up nicely, but there was no one who could hear me (or who I could hear). 20m held for most of the day. In fact, I was getting really good reports through most of the time I was on the air. A few fun notes. I hit as far west as California, a lot of Texans, plenty of folks from SC and FL, and up as far as Maine and New Brunswick! Nothing outside of North



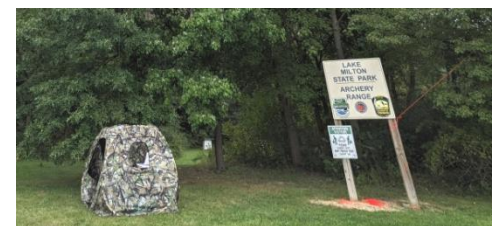
America, which was not a shock at all. The wildest run was getting three contacts back to back in South Dakota in about 3 or 4 minutes. One ham said it was raining there and that probably kept them indoors and hunting parks. I ended the day with 119 contacts in my log. I hit 9 Ohio State Parks (including my own). That's a pretty good number of points for me. Again, I'm not a contester so quitting after about 4 hours in the chair (5 if you count lunch) was good enough for me. Besides, it gave us time to enjoy dinner and pack up for our drive home. Pictures are my setup inside the camper, Nacho The Radio Beagle, and my antenna deployment.



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## KC8RJS - Lake Milton State Park

The best operation I had for the less than 5 hours I did get to operate in between answering park visitors questions. I can't say enough about Eco-Worthy LiFePo4 batteries for these kind of operations, light but can operate an IC-7300 without worry, I didn't need to use a solar panel to charge for this short duration. I'll definitely consider this spot next year or closer to my house at Robinson's Point if favorable weather.



73 - George Meleski KC8RJS

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## KE8RV - Madison Lake State Park

The Madison County Amateur Radio Club again participated in the OSPOTA 203 at Madison Lake State Park K-1973. We arrived at about 8:30 am and began erecting our 3 dipoles in the trees. This year, I replaced the fishing reel on my launcher, and bought a new valve for my portable air tank and the antenna raising went



smoothly. The Park ranger came and welcomed us and was very friendly and helpful. We again used a Honda EU2000 generator and it worked great. At around 10 AM we began operating on 20, 40, and 80 meters. In the morning 80 meters was productive, but as the day progressed, most of our contacts were made on 40 meters. 20 meters was not good at all. Many of the club members made appearances and lent moral support, brought food and camaraderie, but only three operated John, WB8OSU, was using his 817 QRP mode, Ray W8RAY was operating 20, and Larry, N8CWU, was operating his 857d on 40 most of the day. We again used the N3FJP Logger

with the hack and had relatively few problems with it except for the networking problems of getting the computers synced up, but once done all went smoothly using the TCP connection. Our contacts were 12% on 80, 83% on 40 and 6% on 20 meters. A good time was had by all. The weather was beautiful and the park peaceful. A couple of visitors showed up and were introduced to Amateur Radio. We cannot wait until next year to do it again, always a good time. Larry - N8CWU for KE8RV

## KY8U - East Fork State Park

Thank you, so much for all you do and for putting in all the work to make this event possible. Also, thanks to all the volunteers who help as well! I had another amazing time operating out of East Fork State Park (EFK) for 2023 Ohio State Parks on The Air! I always look forward to this event and the great Hams I talk with each year! This year was no different! The bands cooperated and I was able to have a lot of great QSO's. I ran my Icom 7300 this year and had my Home Brew 80/40 fan dipole set up at 30' on a military poll. My daughter is starting to show some interest in the hobby and I'm looking forward to when she gets her ticket to be on the air! Thank you all so much for the QSO's and your patience through the QRN. I look forward to talking to you all further down the log!



73 KY8U - Josh



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## **N8EU/ROVER - Caesar Creek, Cowan Lake, John Bryan, Little Miami State Parks**

I made up an 85' wire for the occasion. This was an 18 awg silicon (lilac colored) insulated wire. I also made up a new 9:1 UNUN for the event. It's tiny and adds only a little to the weight when the antenna is suspended. All my POTA work is QRP, and except for hunting, I only use CW, so it was fun for me call CQ on SSB for a change. And since all my POTA is QRP, at 16 watts, I considered myself QRO for the event. At COW I set up just off the dam breastwork. There were several curious croppie fisherman who stopped by to ask what I was doing, so we talked a bit. I did better than they did. None of them caught anything. I got 17 parks and 25 QSOs. From there, I went to CAE, a park practically in my backyard, that I have activated 32 times for 1230 QSOs. Despite that, I had never driven there from the direction of COW and decided to follow my GPS. After losing 10 minutes to a traffic backup on Rte 73 for the Renaissance Festival, I lost at least another 10 minutes on winding back roads. My two favorite activation sites at CAE were occupied, so I set up my QRP Guys Tri-Band vertical (20-30-40) near the Visitor Center. But it wasn't doing a very good job for me. I only got 11 QSOs, at 11 different parks. And I could hear at least three strong park stations that I couldn't get through to. Although there were two teams at CAE, I couldn't contact either one of them. I had a curious ham stop by for a chat, but after 45 minutes I headed up the road to LMI. Fortunately, I had scouted LMI the previous weekend and knew where I wanted to set up. I was able to throw my 85' wire high into a tree and got to it. This was my best activation in terms of QSOs and parks, but I stayed longer than I should have, leaving only a bit more than 2 hours remaining for the event. I had another ham visitor who stopped by to chat while I was at LMI. His home QTH was only a few miles away, and he was there to use the bike path. It took another 35 minutes to drive to JOB, but I would be the only activator there for the day. Again, I used my wire antenna and operated the remaining 90 minutes. Finally, I had a pile-up for almost the entire time. I got more contacts here, didn't get as many parks as I did at LMI. Except for 80 meters, during the first hour of the event, most of my activity was on 40 meters this year. In past years, 80 meters was busy all day. It was a beautiful day for the event and all the parks I visited were crowded with visitors enjoying a fine day. The weather cooperated and the mosquitoes stayed away. Other than that, there were no problems, no animals sighted, no emergencies. Just a fun day. Thanks again. All the best, Jack Kibelbek, N8EU

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## **KQ4YC - Cowan Lake State Park**

I headed out to Cowan Lake for this year's OSPOTA. I arrived and found another great group of hams setting up near where I had planned! While chatting up Larry KB8EMD, along came Jack N8EU/R rolling by. Since neither one of us were "Glenn", we parted ways. I found an excellent spot down by the beach.



Absolute perfect distance between trees for a 40M OCF dipole. I added a short loop of rope at the balun and strung up an additional inverted-V EFHW w/80M loading coil. After a little while I logged Andrew W9AMA, also at Cowan Lake! Andrew trekked down for an eyeball QSO. So three separate groups within a half mile. How nice! So if you didn't get COW in the logs... well, not much more we could do. haha. As always, let's get a big round of applause for all of the volunteers!!



OSPOTA ON! 73 - James KQ4YC



## N8CJ - Dillon State Park

Solo operation this year from Big Run Shelter at Overlook Point, above Dillon Dam, for the 2023 Ohio State Parks on the Air event. Set up this year consisted of one station with the “Condo on Wheels” located in the parking lot near the Big Run Shelter.



The weather started out overcast and 62F, but improved to partly sunny with high temperatures in the mid 70's, and a light breeze of 5 mph keeping things comfortable until mid-afternoon when the inside temp of the “Condo On Wheels” started to become a “Toaster On Wheels”. All contacts were on 40m.

There was a steady stream of activity and one attempt was made on 20m but no contacts were made within 15 minutes so decision was made to stay on 40m as long as the Qs kept coming. And they did. We arrived an hour before start time and had no challenges setting up. The generator was filled up, fired up and N8CJ was on the air right at 1400 UTC. First



contact was a good solid 59 signal from Deer Creek State Park and 82 Qs were made in the first hour. Rates slowed around noon but the overall average Q rate for the six hour run was 56/hour. During the day there were 3-4 good runs with only a few pile ups. The XYL had agreed to come along during this event and we had agreed to stay until around 1800 UTC. She listened to the OSU game outside under the



awning and heard the steady radio activity inside. Consequently, she did not say anything when the clock clicked past 1800 UTC. Things started to slow around 1930 UTC and we pulled the plug about 2000 UTC just before the generator ran out of fuel. Overall, results were excellent, weather was great, equipment did not have any issues (other than one section of the SotaBeam tactical pole that seized when we went to leave). A little forceful persuasion took care of that issue and all is now well with it. Found out you don't want to tighten those sections too tight when you set up. Thanks to all for the contacts and PCARS for sponsoring and organizing the event. 73 – Alan – N8CJ

## KY8C - Salt Fork State Park

Team KY8C - Salt Fork State Park - KB3RDR, K8AL, KE8ZAA, N8WJ 80 meter wire antenna put up with the help of a drone.



Ohio State Parks



On The Air





# WG8X - Mount Gilead State Park

This was another great OSPOTA for me. The weekend usually begins a couple days beforehand, so I can set up camp, and then go do some park



activations. But, I got rained out a bit on Friday, and hung out at camp for the day. Using the potato gun, I was able to get the G5RV up around 70'-80' or so. Not exactly NVIS. I played for quite a while Friday using the Xiegu G106, which puts out about 6-



7 Watts. I always enjoy doing some QRP CW using a good antenna. The next day, for OSPOTA, I set up the Yaesu FT-



891, which I use for most of my POTA activations. The weather was great, with fair weather for the rest of the weekend. For the first time in several years, I was able to set up and run OSPOTA outdoors. 40 Meters opened nicely throughout the day Saturday. I was hearing not only OSPOTA stations, but those from outside of Ohio. 75M wasn't bad; just not as good as I'd seen it in years past. Around lunchtime, I got a visit from Herb, WB8BHK who lives in the area. Unfortunately, he was unable to stay. Once the contest was over, it was time for my semi-annual tradition of cooking a nice juicy steak over the campfire. That is; it would have been juicy had I not burned it.



Fortunately, I didn't die. After a good night's sleep, I made the trip to the Findlay Hamfest, then returned to camp and enjoyed a relaxing day before heading home on Monday.

## Ohio State Parks On The Air



Ohio State Parks

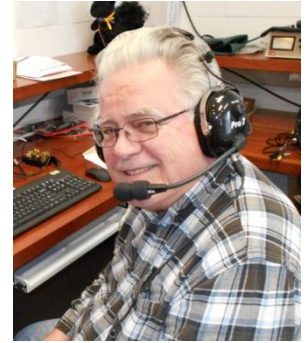


On The Air



**17<sup>th</sup> OSPOTA - Sept. 7, 2024 - Make Plans Now !**

**Tom, KB8UUZ**  
OSPOTA Chairman



## **Seventeenth Annual Ohio State Parks On The Air Amateur Radio Contest - 2024**

Make sure to mark your calendar for the 2024 Ohio State Parks On The Air (OSPOTA) contest – September 7, 2024. The contest is always held on the first Saturday following the Labor Day holiday. Each year this event has grown and we anticipate another year of growth with even more participating Amateur Radio Operators.

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

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



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

This will be the 17th annual OSPOTA – Make plans now to be active in OSPOTA 2024.

Don't forget – Check out the OSPOTA website at [www.OSPOTA.org](http://www.OSPOTA.org) and, we have an OSPOTA E-mail Group located at: <https://groups.io/g/OSPOTA> The [OSPOTA IO Group page](#) is used for messaging and sharing of information about OSPOTA for all the fans and participants in the OSPOTA contest.

OSPOTA has a Facebook page ( <https://www.facebook.com/groups/OSPOTA/> ) and is used before, during and after the contest for updates and to share stories and photos.

As the 2024 contest draws near, we'll be posting on the OSPOTA IO Group page the anticipated 'who's going to be at what Ohio State Park' or 'Planned Park' list as we have in past years. Send your planned park activation information to [PlannedParks@ospota.org](mailto:PlannedParks@ospota.org) . Please, include the call sign that will be used and the Ohio State Park you plan to be at. If your plans change, just let us know and we'll update the list. Remember, more than one person or group can be at an Ohio State Park – there are no reserved State Parks.

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

So – pick a park and make your plans now for OSPOTA 2024 !!!!!

**Take care & 73 from the entire OSPOTA contest Committee:  
KB8UUZ, WG8X, W8PT, W8KNO, KB8UHN**

Questions? Email: [INFO@ospota.org](mailto:INFO@ospota.org)



**Ohio State Parks**



**On The Air**





# Start Making Plans for the 17<sup>th</sup> annual *Ohio State Parks On The Air*



## September 7, 2024



### We'll be listening for you !!!!!



He never lets me make a contact.....



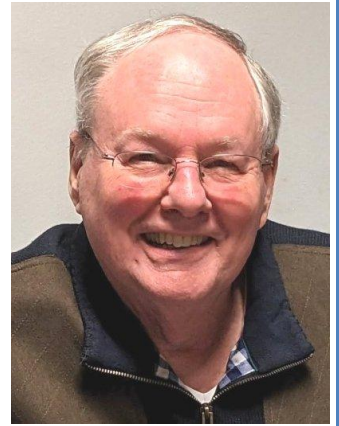
## Ohio State Parks



## On The Air



*Jim, AC8NT*



### Using Instructional Videos

Most of us have watched a YouTube video on some subject in ham radio. In my case, examples of how to set up digital modes on an ICOM IC-7300, installing SvxBLink for EchoLink on a Raspberry Pi or winding a 4:1 Balun. In theory it is so simple. Find a video, watch video, and follow the instructions to successfully accomplish the task. In practice, it is not that simple. Very often the video misses one or more key steps, assumes you know more than you do, or uses unsafe techniques that could cause you some real harm. So, what some things we can do to make the most of these videos?

Here are some hints to increase the chances of success.

- Note the date the video was made. You may be installing piece of software using a video years old. This is common with software installs. A video on making an antenna may not be easily out of date, but a video on installing WSJT-X made in 2015 will not be much help in 2023. I recently tried to install a package on a Raspberry Pi. I found various videos that were made in 2019. Changes to sound drivers and applications made these instructions faulty. **Check dates!!**
- If available, watch multiple videos on the same topic. Often a video will miss a key step that may be covered in another video. Many videos are made assuming a level of expertise that may be higher than yours. This can cause you to get lost in the process.
- Long videos don't make better videos. Some presenters just like to talk. This can cause loss of attention and, therefore, loss of critical information. I once saw a video on using a multimeter to measure the voltage of a battery that took 30 minutes. That was more than a little long for anyone at any level of expertise.
- Beware of videos that profess to provide very simple solutions. A good example are presenters that offer software images that only required a few steps to install. Images are quick to install but are often out of date in a couple of months. Best to learn the long way sometimes.
- Use common sense. Especially when it comes to safety. I have seen videos that use very unsafe methods of construction. If something looks dangerous to you, it probably is dangerous. I have seen videos using welding techniques that make me cringe. They could really get you hurt. How about videos of someone climbing a tower and not following tower safety procedures. You often see videos of things gone wrong that are meant to be funny. Remember a lot of the clips come from videos meant to be instructional. None of them show the ambulance leaving the scene of the action.
- Have a pad of paper handy. Make a written list of the steps. If you don't you might get sick of watching that video 30 times.

There are some great videos out there that provide outstanding information. However, I have found a lot of junk that just creates confusion.





# 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!!



# Hamfest Calendar

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



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*None in our part of Ohio until 2024*

# Happy Birthday PCARS Members

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

WP4PLR	Ashley
KE8ARB	Brandon
N8WLE	Nick
KE8QEP	David
K8TTX	Tyson
KC8JC	James "JC"
KD8BXY	Paul
W8RID	Bob
W8GPN	Tim
KB8UUZ	Tom "Parky"
N8ATV	Jerry
K3GP	George

	Denise
WD8PME	Robert
WA8CCU	Al
KD8ERY	Susan
KD8WZS	Zeb
N8BI	Jack
N8SY	Scott
K3LR	Tim
WA8EFK	Dale
KB3OQV	Kristen
K8BF	PCARS





## Our First "Parks On The Air"

*Mike, KP4VZ*



On Saturday, October 21, 2023, as part of "Support Your Parks" weekend, my daughter Ashley, WP4PLR and I held our first POTA activation at Punderson State Park Pavilion K-1985, 11755 Kinsman Rd, Newbury Township, OH.

We arrived at the park around 08:45 and quickly began setting up our two antennas (vertical multiband and EFHW 20M). By 9:30am we were getting our first contact on FT8. Our station consisted of an ICOM 7000 and an uSDX, we operated in QRP mode to avoid interference with the other three stations that were within 5-10 feet of ours. The weather was a little cold (48°) and windy, which made us shiver at times (Ohio weather). Also it was very exciting to work "Park-To-Park" stations.

Our grand total of contacts (QSOs) for the 3 hours at the park was KP4VZ (45)

and WP4PLR (14). We were excited to complete a successful activation. It was a great time for a father-daughter outing and most of all, we spent time with our PCARS family.



We would like to recognize Brandon, KE8ARB for the coordination and success of this event. Thank you PCARS for allowing us to be part of this great Amateur Radio club.



(P.S. Thanks to Tom, KB8UUZ for inviting me to be part of the PCARS VE team and to our club leaders for entrusting me to be the club's new Webmaster.)





# On The Road with WG8X



John, WG8X



## Last Trip for 2023 Have work to do at home.....

Well, I managed to do just one more road trip in the past month. After a weekend camping trip got cut short due to incoming cold weather, I put my activating on hold till I got some things finished at home.



It looks like I won't get back to my goal of activating all Ohio until January. That's OK though; because we'll soon see more entities added to the list. Not just in Ohio; but all over the US. The number of US entities has already surpassed the 10,000 mark. The other



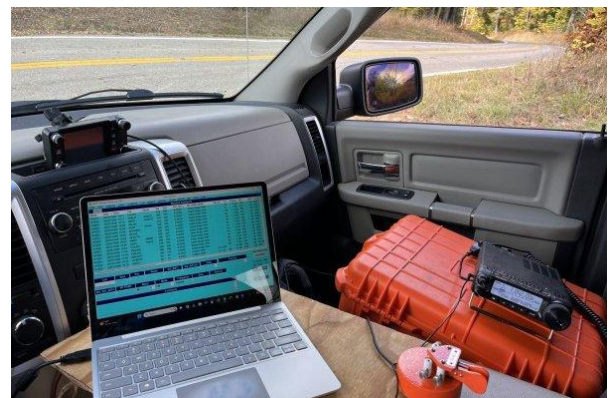
day, I hunted my first one; Windsor Township State Game Land (K-10087), just outside of Lansing MI. There aren't any new ones in Ohio yet, but they are coming. One that I'm hopeful to see is Berlin Lake State Wildlife Area (<https://ohiodnr.gov/go-and-do/plan-a-visit/find-a-property/berlin-lake-wildlife-area>), which takes in parts of Stark and Portage counties, and a small part of Mahoning County. This puts another POTA opportunity right in our back yard.



While I'm waiting, I'll try to do more QRP CW activations. The power on the Xiegu G106 can be dialed down as low as a half watt. Activating on only 500mW will be a cool challenge. Am I a glutton for punishment? Yeah, probably.

Tune in next month, and I'll have information on the new POTA entities. In the meantime, get on the

air, and have some fun. 73 all DE WG8X



**FOR SALE: Yaesu G-800 SA Rotor** used but in operating order, with Control Box and 130 ft of brand new control cable - \$400.00  
**Yaesu GS-065 Thrust Bearing**, also used but in good condition - \$30.00

**Contact: Chuck, W8PT** via e-mail at: [chuckw8pt@gmail.com](mailto:chuckw8pt@gmail.com) [11/23]

**FOR SALE: Autotek Ltd. DU-500 Duplexer \$40 Three OHMITE L100J50R VITREOUS WIRE WOUND ENAMELED RESISTORS 100W 50Ω** One has part of the tab missing. But still able to be used. \$35

I accept Venmo or Zelle. (please contact me before sending \$\$)

**Contact Bob, W8RID** at [w8rid.usa@gmail.com](mailto:w8rid.usa@gmail.com) [12/23]

**FOR SALE: Palstar: LA-1K** solid-state H.F. amplifier (\$3000); **Swan 600R Custom Receiver & 600T Transmitter** (\$1000); **Elecraft K-3 SDR Transceiver, P-3 Panadapter, SP-3 External Speaker, D-104 Microphone** (\$3000); **National HRO-500 C Receiver** 0 to 30 MHz & speaker (\$1500); **Watkins-Johnson WJ-8711 Digital Receiver** 5 kHz to 30 MHz (\$2000); **Kenwood SM-220 Scopes** one with BS-8 panadppter (\$200) and one without (\$150). 2 spare CRT's; **Bird 4362 (Ham-mate) wattmeter** 140-180 MHz (\$100); **Drake W-4 wattmeter**, peak kit installed ( \$120) **Various RG-8X coax cables** with silver PL-259's (\$5 to \$25); **ELAD ASA15 antenna splitter/amp** (100); **Palstar MW-550P Active Pre-selector / Tuner**(\$200); **Ameco PT-3 Pre-Amp** (\$100); **Heil Sound PRAS-EQ** with Behringer MX-400 Mixer, Lepai LP2020TI 20 watt amp and Dayton Audio B-652 speakers as a set ( \$200); **Home Patrol-1 Scanner** with a snap stand and belt clip case to carry around ( \$200); **Sangean HDT-20 HD F.M & A.M tuner**, both antennas & manual (\$100); **Hallicrafters Model R-50** (\$25) & R-47 (\$25); **Shure-444D** (\$50); **Tecsum PL-880 SWL Receiver**, all info and A.C. USB Charger, box and case etc (\$100); **Alpha-Delta** (2) Delta-4C console type antenna switches (black) (rare) (\$200) each standard "gray" switch (\$100); **Sony XDR-F1HD** (2) F.M. & A.M. high performance tuners (\$200) each; I would like to sell all my **Drake** parts including all 134 crystals (\$1000)

**Contact Jeff, WA8SAJ** - call home phone (440) 951-6406 for more info [1/24]

**FOR SALE: Generac 13 hp MegaForce 6500 watt commercial/contractor Generator.** Peak load 8,175. 220 30 amp /120 vac, manuals, maintenance kit. Manual Start. New \$1300 Very good condition. \$425. Used for emergency house backup

**Contact Joe, K8HTB** by email at: [k8htb@cfsassociates.com](mailto:k8htb@cfsassociates.com) or Text 234-233-5396 [12/23]

**FOR SALE: Collins KWM-380** Serial #314 (\$2,900) (All factory updates and service by Jim Warner, Exline; **Collins 75S-3B** Serial #16972 (serviced by WA8SAJ) (\$850); **Collins 312b-4** Serial # 314 (\$325); **Drake MN-2000** Serial 1758 (\$300); **Lab Volt AA792F 20 MHz scope** with probe serial # 1060178 (\$25); **LDG Autotuner LDG AT-1000** (\$350); **LDG AT-1000PROII** (original Owner) with 1K meter (\$550); **LDG AT-600PROII** with 600 watt meter (\$525); **MFJ-616 Speech Intelligibility Enhancer** (\$125); **Nye Viking Antenna Tuner MB-V-A 3KW**, Serial # 10066 (\$450); **Palstar mobile wattmeter PM2000am** Serial # 26015 (\$150) (good for base use as well); **Swan Cygnet 300 B Transceiver** Serial # 18547 (\$450); **West Mountain Rig Blaster PRO** (\$25); **YAESU YO-301 Monitor Scope with manual** (\$250). **Hallicrafters SX-28** (2 available) for parts (\$50) each. **New but unused DXE 17 meter add-on kit for the 4-6 Hustler BTV Model DXE-AOKC-17m** (\$75); **New but unused DXE 12 meter add-on kit for the 4-6 Hustler BTV Model DXE-AOKB-12m** (\$50); **New HF Kits 250 W EFHW, 3.5-30 MHz with 49:1 UNUN** (\$25); **RCA vintage analog AC line voltage meter** (\$45);

*For sale from K8IG (non-smoking shack). All equipment working unless noted otherwise. Local pickup in Mayfield Village. Will consider delivery within 20 miles if necessary. Manuals for most equipment. Pictures available on email request. Offers invited*

**Contact Fred, K8IG** at [K8IG@arrl.net](mailto:K8IG@arrl.net); call 440-446-8000 or text 440-668-2400 [12/23]

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: [12/23] indicates the ad will run until the end of December 2023.





# Young Ham Lends a Hand Contest - 2024



**Carole Perry, WB2MGP**  
Director RCA, Youth Activities



We want to reward a young ham who has volunteered to help an elderly person, a military person, his or her community somehow, or a young ham actively involved with recruiting other young people into ham radio. There's no red tape; it's just me and my RCA Youth Activities evaluating the application forms. You will smile to know that we have had high caliber and terrific young hams who get nominated every year.

**I am accepting nominees for this contest to encourage volunteerism in our young hams. Forms may be submitted up until April 1, 2024. The winner is usually announced at the Hamvention® Youth Forum. A \$100 stipend is awarded to the winner.**

This is sponsored by Radio Club of America. Please contact me with any questions. All forms should be submitted to: [wb2mgp@gmail.com](mailto:wb2mgp@gmail.com) by **April 1, 2024**.

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**Young Ham Lends a Hand Contest**  
Carole Perry WB2MGP [wb2mgp@gmail.com](mailto:wb2mgp@gmail.com)

Please submit the following requests for information about your nominee for this year's contest.

Information about your nominee: Name and call sign - Age - Address - Home Number and Cell number

Please fill in YOUR name, relationship to the candidate and contact info.

Please describe reasons why this nominee is deserving of the award that looks for a young ham who gives back to the community by participating and helping in local events, assisting the elderly, assisting military personnel, or is instrumental in recruitment and/or training of more young hams.

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To nominate a teacher, youth leader, or scout leader for the **Carole Perry Educator of the Year Award** please go to [www.2024Hamcation.com](http://www.2024Hamcation.com) Click on Event Info and go to Awards. **Nominations for this award are accepted until the end of November.**

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## Youth Activities Program

The Youth Activities program is chaired by RCA Director Carole Perry WB2MGP and has Richard Somers, Ernie Blair, Stan Reubenstein, Gordon West and Charles Kirmuss as committee members.

A major event for the committee is to moderate and to sponsor the annual Dayton Youth Forum where RCA Young Achievers, age 18 and below, give presentations highlighting their technical abilities and enjoyment of radio.

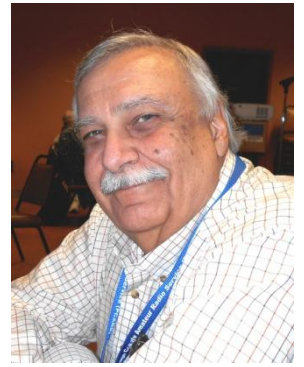
The RCA Young Achiever is a youngster 18 and below who has demonstrated technical excellence and creativity in wireless communications. We are always interested in receiving nominations for these talented young people. Please contact Carole at [wb2mgp@gmail.com](mailto:wb2mgp@gmail.com) to nominate someone as a Dayton Hamvention® presenter or as a student deserving the RCA Young Achiever award.

We are also always interested in supporting schools, scout groups, and museums that incorporate radio/technology in their programs. Support can be in the form of books, equipment, or curriculum. Please contact Carole at [wb2mgp@gmail.com](mailto:wb2mgp@gmail.com) for further information.

The Youth Activities members travel across the country to speak at radio conventions, to moderate Youth Forums, and to vet large organizations enlisting our help in motivating and supporting young hams and in introducing wireless technology to school curriculum.

Tax deductible donations specifically to RCA Youth Activities can be made through the Richard G. Somers Youth Scholarship Fund. Please contact Carole at [wb2mgp@gmail.com](mailto:wb2mgp@gmail.com) for further information.

# CA QSO Party was FUN !!!!!!!!!!!!!!!!



**Chuck, W8PT**  
DX & Contesting SIG Coordinator

PCARS had fun at the club site running the annual California QSO Party. Our submitted score for this year was 30,927 points. First of all there was nothing on either 40 or 80m. Nada, Zilch. Others may have found contesters but we heard nothing. 20m was a disappointment. We thought that there would be more CA stations on but for a long period of time, we were stuck at less than 20 Qs. I had Ken show me how to work CW on a 7300 using macros. That was fun and I made a bunch of CW contacts.

Here's a breakdown of what we did and what was submitted:

## California QSO Party



**58th Running Of The CQP!**  
1600 UTC October 7, 2023 to 2200 UTC October 8, 2023



### CALIFORNIA QSO PARTY - K8BF - October 7, 2023



Operators	QSOs
WA8LRW	107
W8PT	77
N8QE	59
W8KNO	25
KB8TUY	17
KP4VZ	15
KA8TOA	11

	PC-1	PC-2	PC-3	TOTALS
	<b>20 meters</b>	<b>15 meters</b>	<b>10 meters</b>	
	10 CW	15 CW	59 CW	84 CW
	53 SSB	119 SSB	55 SSB	227 SSB
<b>Total Contacts</b>	<b>63</b>	<b>134</b>	<b>114</b>	<b>311</b>
<b>Total QSO Points</b>	<b>136</b>	<b>283</b>	<b>287</b>	<b>706</b>
<b>Mode counts</b>	CW = 30 SSB = 106	CW = 45 SSB = 238	CW = 177 SSB = 110	CW = 252 SSB = 454
<b>Multipliers</b>	41	48	41	
<b>Total Score</b>	<b>5,576</b>	<b>13,584</b>	<b>11,767</b>	<b>30,927</b>
<b>Operator Totals</b>	W8PT - 18	W8PT - 32	W8PT - 27	W8PT - 77
	N8QE - 13	N8QE - 32	N8QE - 14	N8QE - 59
	KA8TOA - 11	-	-	KA8TOA - 11
	W8KNO - 11	-	W8KNO - 14	W8KNO - 25
	WA8LRW - 10	WA8LRW - 47	WA8LRW - 50	WA8LRW - 107
	-	KP4VZ - 15	-	KP4VZ - 15
	-	KB8TUY - 8	KB8TUY - 9	KB8TUY - 17



## Flex Net

**Rick, K8CAV**  
Flex Net Coordinator



**Next FLEX Net will be Wednesday November 8<sup>th</sup> at 8:00 PM**

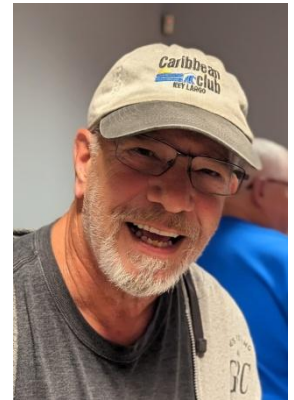
The next PCARS Flex Net will be held on Wednesday November 8th at 8:00 PM. This month will be a Digital-Only net using RTTY, 45.45 baud 170 Hz shift on 10 meters. Set your transceiver to USB with a dial frequency of 28.250 MHz.

The net will make use of prosigns and Q signals for brevity and clarity. A presentation titled Flex-Net-Digital-Operations.pdf found on the PCARS groups.io site at <https://groups.io/g/PCARS/files> explains and lists how to use prosigns and Q *signals* on a digital only net.

The PCARS Flex Nets are a lot of fun to participate in! It's also a good place to confirm contacts with other PCARS members for the PCARS A to Z Award. You can also check your station's ability to operate on HF bands using the ground wave mode of propagation. I hope to hear you there!

## From the Treasurer

**Greg, KA8TOA**  
PCARS Treasurer



First a big thank you to Bob, N8QE for nominating PCARS to the QCWA club for a donation. We were one of five clubs across the country selected to receive a \$2,000.00 donation from the Quarter Century Wireless Association. We received the check and it has been deposited. (Also Bob is doing a great job with the Antenna SIG.)

Next we have picked up two new net control operators. Thank you - we need the help.

Finally - Dues are due and the preferred way is to use PAYPAL (see the PayPal info on the club website), or send to be via snail mail, and of course in-person at a meeting. You're dues are due no later than November 30<sup>th</sup> to maintain your continuous membership.

Remember we are accepting donations for our Center of Hope charity drive. If you want to donate by check, please make the check out to "Center of Hope". PCARS dues and donations will be accepted at the November meeting. Hope to see you there.





# CQ POTA, CQ POTA, CQ POTA



## Brandon, KE8ARB



K8BF Activated Punderson State Park as one of the handful of outings we do throughout the year for our portable operations group. There were several very positive things that happened during this gathering. The first is that there were several families that spent the afternoon together. Some were operating together, while others enjoyed chatting over a nice meal. We had several first time POTA activators. First was Mike, KP4VZ making 45 qso's on the day. He setup an EFHW and a small mast. The EFHW came back towards the pavilion with a short section of feedline into his radio. You can see his box is very well thought out and it performed very well. Following in her father's footsteps was Ashley, WP4PLR. She was confident on the air and logged a total of 14 contacts. Despite being on a clear frequency, someone came and stole it from Ashley while she was operating. It's very frustrating but she took it in stride and still got the activation completed.

Carl was another first time activator. He built a 10m folded dipole specifically for the activation. Under the advice and assistance of Bob, Carl setup the antenna between two signs and got on the air. He was working FT8 and had signal reports stretching from Australia to South Africa and everything in between.

Sometimes activations are not successful, but that doesn't mean that it's not a story worth telling. Mara, KE8KBJ and Ethan, KE8WVV helped each other to get on the air from the park. Mara was ready to call CQ if she knew what the format was on the air. So Ethan sat down and wrote everything out with her. Ethan was fairly shy, but once he heard Mara calling CQ, he got up enough nerve to operate as well! They called CQ on 10m for about 20 minutes, but weren't able to get any contacts. This is likely because the bands were in rough shape at that point in the day. It was extremely encouraging to see them operate anyhow! You can see the enjoyment and confidence they got by doing so. This is the very reason we hold these events. You practice, you learn, you make mistakes, you have fellow hams teach and give assistance... and most importantly, you have fun!

There were also several other hams who attended "just to see what it's like." We are always glad to show anyone what we have going on. If you're interested in how the antenna's go up or want to see what particular antenna's people use, this is why we do this. There were 6 stations on the air and none of them were



even remotely close to the same. Some were powered with shore power, others on small batteries, others on large batteries. Some had laptops, other's had tablets, and some were running raspberry pi's.

After the event was over I received some great feedback from people who were there. It was said that it was a family friendly event and I agree with that. We had 3 sets of father's and son's or daughter's. There were a couple husbands and wives in attendance. Operating radio with family and friends is what these events are all about.

Special thank you to Gene W8NET for making an outstanding chili dish. We all ate well on the day thanks to all the sides that everyone brought. Looking forward to seeing you all at the next one!

## Spring Forward - FALL BACK

It is that time of year again - Sunday, November 5<sup>th</sup> at 2:00 am (local time) - Turn your clocks **BACK** one hour (*Fall Back*). We go from **Eastern Daylight Saving Time (EDT)** to **Eastern Standard Time (EST)**.



### UTC (GMT or Zulu Time) does NOT change.

So, follow me on this..... At 2:00 am (0200) local on November 5<sup>th</sup>, it will be 0600 UTC or 4 hours behind UTC.

We turn our clocks back one hour and that makes it 1:00 am EST (0100) - our local time. It will **still be 0600 UTC**. We are now **5** hours behind UTC time.

You get to sleep in one more hour on Sunday morning.

But don't worry, they will take that hour back again in Spring when we turn our clock ahead one hour (*Spring Forward*).

Twice a year, most Americans change their clocks forward or back an hour as part of daylight saving time. And it seems that each time this twice-annual change occurs, the discussion of making daylight saving time permanent comes once again to the forefront.

The idea to end the clocks changing was put before Congress in the last couple of years, when the U.S. Senate unanimously approved the Sunshine Protection Act in 2022, a bill that would make daylight saving time permanent. Here's what to know about the status of national lawmakers and their consideration to make daylight saving time permanent.

Is daylight saving time ending? Although the Sunshine Protection Act was passed unanimously by the Senate in 2022, it did not pass in the U.S. House of Representatives and was not signed into law by President Joe Biden. A 2023 version of the act has remained idle in Congress as well.

Do all states observe daylight saving time? No, not all states and U.S. territories participate in daylight saving time. Hawaii and Arizona (with the exception of the Navajo Nation) do not observe daylight saving time, and neither do the territories of American Samoa, Guam, the Northern Mariana Islands, Puerto Rico and the U.S. Virgin Islands.





## Portable Ops Special Interest Group

**John, WG8X**

Portable Ops SIG Coordinator

**Next SIG will be Tuesday November 14<sup>th</sup> at 7:00 PM**

Our next portable operations SIG will be coming up on November 14<sup>th</sup> at 7:00 PM. You'll hear more about this in Brandon's article, but I bet we'll hear more about the PCARS ParkPedition at Punderson SP on October 21<sup>st</sup>.



Now that the Fall *Support Your Parks* weekend is behind us, it looks like the next event to look forward to will be the Winter *Support Your Parks* Weekend. The winter SYP weekend is customarily the 3<sup>rd</sup> full weekend in January, which is January 20/21. Last year, Brandon hosted a ParkPedition to Lake Milton SP. We'll be kicking some ideas around at this meeting for January.

Of course, we'll also be talking about any manner of subjects near & dear to the hearts of Portable operators. Drop in at PCARS World Headquarters. The address is 705 Oakwood St, Ravenna, OH.

We will also be available via Zoom Here's the

link: <https://us02web.zoom.us/j/89732195744?pwd=cldtZmxMcmFqQndhQWtJN0s2NUNnUT09>

Passcode: PCARS2022

## Digital Special Interest Group

**Rick, K8CAV**

Digital SIG Coordinator

**Next SIG will be Tuesday November 7<sup>th</sup> at 7:00 PM**

The next Digital Special Interest Group meeting will be held in Tuesday November 7<sup>th</sup> at 7:00 PM at the club site in Ravenna. It will also take place on Zoom, see the link below. This will be an open-forum meeting and will discuss anything members would enjoy talking about. As always, if you have questions or problems, we'll make time to do our best to address them.



**Also of note, we are cancelling the December Digital Special Interest Group meeting** so that everyone can spend more time with family and friends during the holiday season.

Can't be there in person? Then join us in the Zoom Meeting:

<https://us02web.zoom.us/j/88355094567?pwd=ZzRvd1hmQWNhYlZlZEcGF0dVhuNlNiQT09>

Meeting ID: 883 5509 4567

Passcode: PCARS2022



## Antenna Special Interest Group

**Bob, N8QE**  
Antenna SIG Coordinator



### November & December Antenna SIG Cancelled

The November & December meetings of the PCARS Antenna Special Interest Group are CANCELLED since the meetings would normally be scheduled for Thanksgiving Holiday week, and during our very busy Christmas Holiday Season.

At the October Meeting we discussed Karl's, W8KFW home brewed 10 meter folded dipole antenna he would be using at the PCARS POTA Punderson State Park event, how to best install a T-Mobile hotspot antenna system at Brandon's, KE8ARB house, what antenna David KE8QEP should take with him on his end of October STEM trip to Alaska, and the details of the Q-Master processor which is growing in popularity with the QRP amateur community.

We will be back in January 2024 at our regularly scheduled meeting's day and time.  
Everyone have a great holiday season.

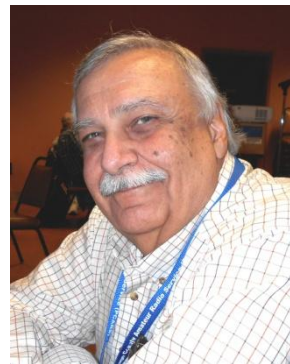
<https://us02web.zoom.us/j/87220356586?pwd=czgvLzRPcjVBT2hPSkVIZU1VaU84Zz09>

Meeting ID: 872 2035 6586

Passcode: PCARS2022

## DX & Contesting Special Interest Group

**Chuck, W8PT**  
DX & Contesting SIG Coordinator



### November & December Antenna SIG Cancelled

This is just a friendly reminder. Since we are finished with contests that are run from the club site, and unless there is a compelling reason for holding a meeting, there will be no DX/Contesting Special Interest Group meeting in Nov and Dec to do the proximity of the various holidays.

So our next meeting will take place January 23, 2024 just before Freeze Your Acorns Off.

Meanwhile, I encourage you to GET ON THE AIR and even work some DX or get into a contest.

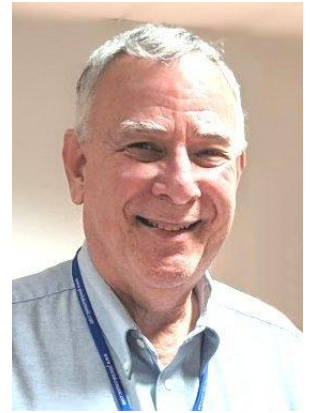




## Could Be Anything Special Interest Group

**Rick, KD8WCK**

Could Be Anything SIG Coordinator



**Next SIG will be Tuesday January 30<sup>th</sup> at 7:00 PM**

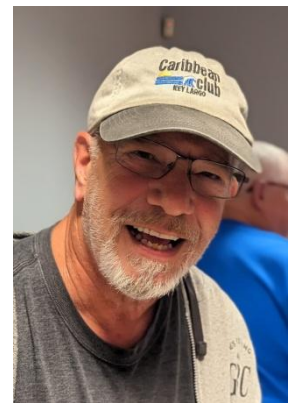


The next *Could Be Anything* Special Interest Group will be on Tuesday, January 30<sup>th</sup> - More details to follow - Please mark your calendar and plan to join us!

## 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**

I am in desperate need for some net operators to run the Thursday night nets. It really is not that hard and it is fun, along with good training if you are ever needed for emergencies. I know we have been low on check-ins for the past couple of months. The commitment is only for once a month and this club is worth that. If anyone has ideas for the club, please do not hesitate to speak out at meetings or on nets or call or write. We appreciate the input.

**First quarter stats for 2023:** 13 weeks - total contacts 267 average of 20 check ins per net Jan, Feb, Mar  
**Second quarter stats for 2023:** 13 weeks - total contacts 321 average of 25 check ins per net April, May, June

November		December		January	
2	N8QE	7	N8QE	4	
9	KE8WVW	14	KE8BWA	11	
16	KE8BWA	21	KD8WCK	18	
23	<b>NO NET</b>	28	N8WCP	25	
30	KA8TOA				



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



# Renew Your Ham Radio License

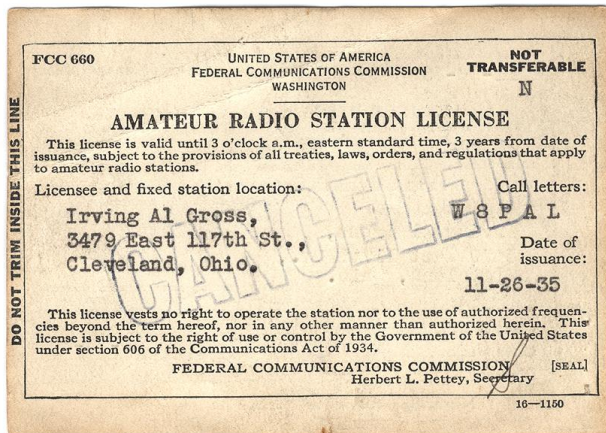
**Daryl, WX4QZ**



While Canada has "lifetime amateur radio licenses", the United States and its territories do not. So, this is mainly for ham radio operators in the U.S. and its territories, but also for those outside the U.S. who plan to obtain an amateur radio license in the US.

For the U.S., the license term is normally for 10 years... and while the license can be modified at any time (for a change of name, email/ mailing address, phone number, or the "character question" (felony conviction status), it can NOT be renewed EXCEPT during the time period of 90 days before, until 2 years after expiration. Once the 2 year mark after the expiration date is reached, the license and callsign is forfeited, and it's as if they were NEVER licensed.

One of the benefits of ARRL Membership is automatic renewing of your amateur radio license, when it gets within 90 days of expiration. Yet, a large majority of hams likely have no idea when their license expires, and some are still operating on an expired license!! However, you still have to pay the \$35 fee to the FCC for the renewal to be processed completely. Once the fee is paid online, the renewal can be processed within 24 hours, unless during a government shutdown, noted later in this article.



If you transmit on an expired license, and if you're caught by the FCC, you likely will get a Notice Of Violation and/or Monetary Forfeiture, for unlicensed operation. Worse, once your license expires... not only you are PROHIBITED from operating on the air in any mode... you can NO LONGER

SERVE as a Volunteer Examiner. And, if you serve at a test session with an expired license, and you sign the paperwork, it invalidates that test session; and every examinee affected will have to test again, either in front of another VE Team, or before the FCC. Needless to say, the examinees and VE's will NOT be happy with you...and it puts forth a bad face on ham radio!!

Also, many ham radio clubs and organizations require that the individuals amateur radio license be CURRENT, and NOT expired or lapsed... otherwise, they are no longer a member. If this wasn't bad enough, during a U.S. government shutdown (although to me, the term "government shutdown" is "redundant" (hi hi)), the FCC will NOT process ANY callsign changes, new licenses, renewals, upgrades, etc.

If your license expires during a shutdown, you are QRT (**OFF THE AIR**). And, if it lapses (expires more than 2 years) during a shutdown, you will LOSE your license, your callsign, your privileges... and at a MINIMUM, have to take the Technician Class license to get back into ham radio, and you'll get a brand new callsign. Plus, if you had a "prized callsign" (2x1, 1x2, 2x2, etc.), you may NOT be able to get it back under the Vanity Callsign System!! And, you'll have to pay a second \$35 fee to apply for your former callsign, besides the initial \$35 fee for getting re-licensed.

As a side note, I understand that in some countries, the license fee can be 20 times more (around \$700)...so by comparison, \$35 is a bargain. I've known of hams who will pay out well over \$100 for "a brick of prize tickets" at a hamfest, or to buy a fancy rig... but they throw a fit on the paying of a club or organization dues



amount. Obviously, if you have things like medical bills, or worrying about food, utility, and other costs outside of ham radio, that's more important than dues, etc.

Now, during a U.S. government shutdown... if the 90 day pre-expiration window occurs... or if it expires, and is EARLY in the 2 year grace period... you can still file the renewal, and continue operating until the shutdown ends, and the FCC reopens. But, those waiting until the FCC reopens will only have two (2) days to file the renewal... because after that, their license will be considered as EXPIRED, and they will be QRT.

The longest US government shutdown has been 35 days (if I remember right), but with the governmental gridlock in Congress, there's a possibility that future shutdowns could be even longer.

So, before you go to the next article, find your amateur radio license, **and check your expiration date.** If you can't find the license, go to one of the callsign servers like QRZ.com to look it up... because the FCC ULS is NOT available for searches during a US government shutdown...even though it's the "official place" for data.

Besides, if your Drivers License expires (never mind if it is suspended or revoked), and you aren't aware of it...and get pulled over by the police, you'll likely be ticketed and fined, if not arrested and jailed. (Ask Chuck, W8PT - that happened to him when his license plates expired....)

And, I'm sure other countries amateur radio regulatory, and law enforcement agencies, have similar policies on "expired licenses"...check with these for details.

You worked hard to get your license, keep it up-to-date. Even if you drop out of the hobby for a while due to other interests or conditions, keep your license current. We'll wait to hear you on the air again.

## 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](mailto:Treasurer@portcars.org)

PCARS T-Shirts, Polo Shirts, Jackets, Hats, etc. can be obtained from:

Villager Business Solutions - attention Michelle Zivoder  
8088 Main Street  
Garrettsville, OH 44231  
[michelle@villagerbusiness.com](mailto:michelle@villagerbusiness.com) 330-472-7304



# JOTA - 2023 at PCARS



*Jim, AC8NT*



The 2023 JOTA (Jamboree On The Air) event for Scouts ran from Friday October 19th through Sunday October 22<sup>nd</sup>. JOTA is the largest Scouting event in the world. It is held every year on the third full weekend of October. We setup the PCARS World Headquarters on Saturday to provide an opportunity for Scouts of all ages to learn about ham radio and make a few contacts.

Rick K8CAV helped prepared the club site for the event. We had 20 meters FT8, 15 meters FT8, 40 meters SSB, DSTAR and EchoLink setup and ready to go when the Scouts arrived. As the event progressed, we also



worked 15 meters SSB. We had great support from Zeb KD8WZS, JC KC8JC and Scout hams Ben AD8FQ, Bernadette KE8LWO and Agnes AD8IR. Scouts from Troops 7253 and 7153 and Cub Scouts from 3250 attended. At all times the Scout Youth Protection Guidelines were followed.



contacts were made using FT8 all over the world. Lots of SSB contacts were made including W1BSA. It was amazing the range of ages that took part in this worldwide event. Every time a contact was made, the Scouts rushed to qrz.com to find



the location. An EchoLink node was assigned just for this event and looking at the contact list was looking at a map of the world. Everyone had a great time. That includes the parents of some of the Scouts that attended.



All were on the air and made contacts.

Over pizza we discussed future events that included more visits to the cub and visiting FYAO next year.

Bernadette KE8LWO discussed holding a tape measure Yagi build and foxhunt with her Scout troop. PCARS will help make all these events possible. It was a great day for the Scouts, PCARS and the ham radio hobby.





## Charlie the Tuner's HF High-Lites

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



### Greetings DXers

### Charlie the Tuner's DX High-Lites

If you are reading this on Nov. 1, then there are only 55 days until Christmas. Yikes!! Have you sent your letter to Santa asking for that new transceiver? How about the new CW paddle? Or, heaven forbid, a legal limit amp?

Maybe you need a new computer to run FT8 more effectively? Whatever you need, you better start that letter today.

Let's see what we have coming this month and a few months down the line.

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**".

Thanks to W1AW, W3UR & The Daily DX, DL5ON & The DX News Letter, DXNews.com, DX-World.Net, I1JQJ/IK1ADH & 425 DX News for the following DX information.

**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.

### November...

**4W, TIMOR LESTE.** 4W8X Team will be active from Timor Leste, IOTA OC - 148, in November 2023. They will operate 160 - 6m, CW, SSB, FT8 including activity in CQ WW DX CW Contest, 25 - 26 November 2023 in Multi-Multi Category. They will operate also EME on 144, 432, 1296 mHz. QSL via DJ4MX.

**E5, NORTH COOK ISLANDS.** Janusz, SP9FIH is QRV as E51JAN from Manihiki, IOTA OC-014, until November 6. Activity is on the HF bands. QSL to home call.

**9L, Sierra Leone.** M0KRI will be at the Toma Boutique Hotel in Freetown November 23 to December 6. He will have an IC-7300, IC-706, TS-480SAT and Expert amplifier, 400 watts, to a hexbeam and vertical array. He, Shabu, will be on 80-6 and the QO-100 satellite, CW, SSB and FT8. QSL 9L5M to G3SVK, Club Log, or LoTW.

**A2, BOTSWANA.** Members of the Russian DXpedition Team will be QRV as A25RU until November 13. Activity will be on 160 to 6 meters using CW, SSB, and mostly FT8 with up to nine stations active. QSL via LoTW.

**FG, GUADELOUPE.** Philippe, F1DUZ will be QRV as FG4KH until November 7. Activity will be on the HF bands. This includes being an entry in the upcoming CQ World Wide DX SSB contest. QSL to home call.

**H40, TEMOTU.** H40WA Team will be active from Temotu Province, IOTA OC - 065, Solomon Islands, until November 9, 2023. They will operate on 160 - 10m, CW, SSB, FT8. QSL via M0URX, LOTW, OQRS.

**LX, LUXEMBOURG,** LX90RTL marks the first longwave transmissions of Radio Luxembourg 90 years ago. QRV until the end of the year on HF (CW, SSB, digital modes) and via QO-100. Bureau cards will be sent automatically; confirmations also via LoTW.

**PZ, SURINAME.** Renato, PY8WW will be QRV as PZ5TW until November 3. Activity will be on 80 to 6 meters using CW, SSB, and FT8. This includes being a Single Op/Single Band on 15 meters entry in the upcoming CQ World Wide SSB DX contest. QSL via Club log.

**V4, St. Kitts & Nevis - PJ7 - St. Maarten** V4/N2HX, Ed, has his next trip planned until November 11 for the CQWW SSB, callsign V49R, and then St. Maarten, PJ7PL, for CQWW CW and ARRL 10M Contest. The rest of the time he will be vacationing with his wife. QSL only via N2HX direct, no LoTW or eQSL.

**V7, MARSHALL ISLANDS.** Bob, N7XR plans to be QRV as V73XR from Kwajalein, IOTA OC-028, beginning in September and active for three months. QSL via Club Log.

**VK, Australia.** YL ops in VK7, Tasmania, joined by others in the rest of the nation, has VI7ALARA on HF until Nov 8 for the Australian Ladies Amateur Radio Association meeting in Hobart, Tasmania. QSL using Club Log OQRS.

**YJ, VANUATU.** Chris, VK2YUS will be QRV as YJ0CA until November 5. Activity will be on 40 to 10 meters using SSB. This includes being an entry in the upcoming CQ World Wide SSB DX contest. QSL to home call.

### **And a Look Ahead...**

**BV, TAIWAN.** BW2/JP1RIW is active as BM0QSO until December 31, using mostly digital modes. QSL via BM2JCC.

**FH, MAYOTTE.** Marek, FH4VVK is here until June 2024 and QRV on the HF bands and 6 meters using SSB and FT8. He may soon be active using RTTY. QSL to home call.

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

**TX, CLIPPERTON IS.** TX5S Team will be active from Clipperton Island, IOTA NA - 011, January 18 to February 2, 2024. Team - Jacky ZL3CW, Dave K3EL, Steve W1SRD, Ricardo PY2PT, Gene K5GS, Heye DJ9RR, Laci HA0NAR, Walt N6XG, Rob N7QT, Glenn KE4KY, Chris N6WM, Arliss W7XU, Philippe FO4BM, Dave WD5COV, Andreas N6NU, Nodir, EY8MM, Allan, EA3HSO. They will operate on 160 - 6m, CW, SSB, Digital Modes, including 60m Band. QSL via M0URX, OQRS. QTH Locator - DK50jh.

**VU, INDIA.** Special event station AT30IIH is QRV until December 31 to celebrate the 30th anniversary of the Indian Institute of Hams, whose focus is to train and bring young people into the amateur radio community. QSL via bureau.

My usual disclaimer: Keep in mind that these DX events can change due to various reasons that sometimes are out of the hands of those who are doing the planning. Keep the either wobbling.

**Get on the air and work some DX!!**





# Net Night At The Club Site - September

Tom, WB8LCD



This report is on the September Net Night – which was billed as “Root Beer Float Night” and PCARS “Mini-fest” night. Turn out was excellent and everyone had a good time!

I had been thinking about some of the “Net Nights” we’ve had in the past and decided that I had let it get into a FUNK – so I needed to do something about that. Who doesn’t like a root-beer float? I dished out quite a few over the course of the evening.



We also had quite a few people bring along a whole bunch of “Treasure” to share, and it seemed like quite a bit of it changed hands. As always, the fellowship was an important part of the evening as we all got to know each other better.

So, as I’m writing this, I’m sitting in my basement listening to the net, and NOT present at the October Net Night at the Club Site. Thanks to Jim, AC8NT for picking up host



duties for that night as I was at home working my way through COVID – my card finally came up!

Because of the proximity to Thanksgiving/ Christmas / New Years, **the next PCARS Net Night at the Club Site will be in January 2024.** Stay tuned for details, I have some ideas to make it an interesting and fun event. It’s always low stress, come out and just hang out with your friends – but it will be just a little more interesting in 2024!





# Photos from the October PCARS Meeting



# PCARS

## 9 Oct 23

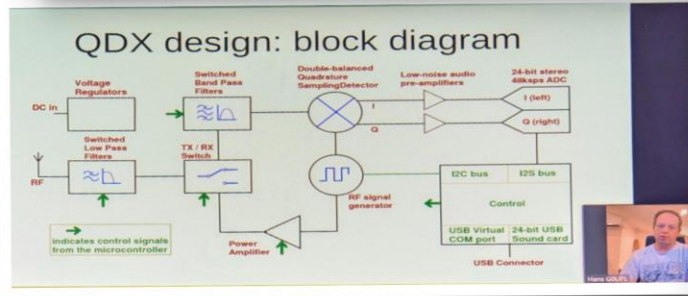




# PCARS 9 Oct 23







**PCARS**  
**9 Oct 23**



# 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 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 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 on YouTube. So, what does that mean? Hey, we have a place to put all kinds of videos that are about PCARS for the world to see.



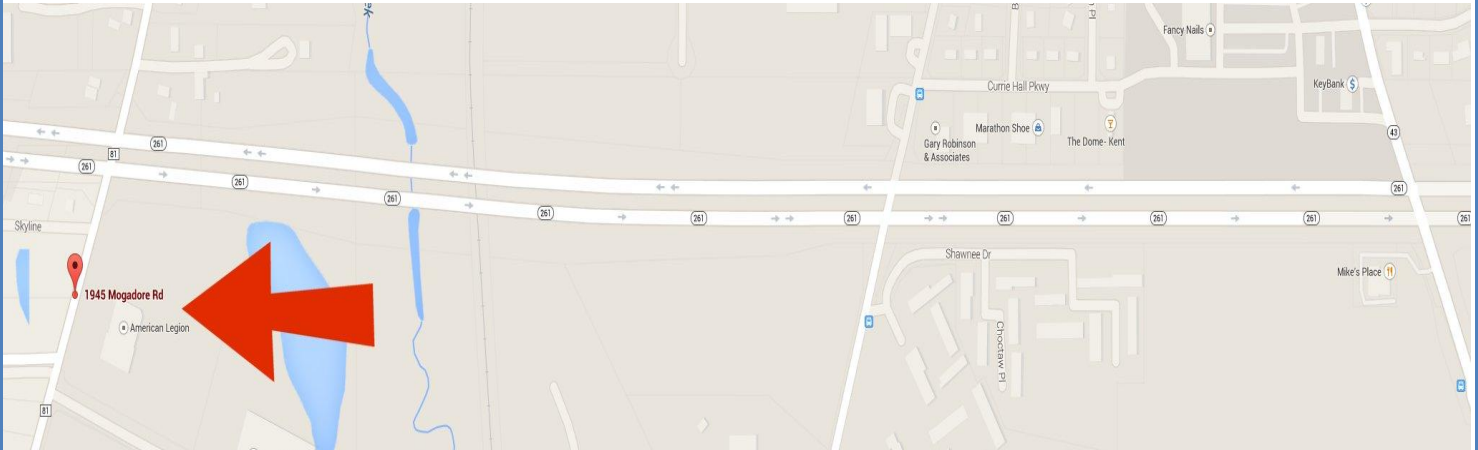
# PCARS Meetings

The Portage County Amateur Radio Service (PCARS) in-person meetings are held the **2<sup>nd</sup> 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.



# PCARS VE Testing Information & News

**Tom, KB8UUZ**  
PCARS VE Team Liaison



**We will have a VE Test Session November 15<sup>th</sup> at the club site starting at 7 pm.**

**Future Dates in 2023:  
December 2<sup>nd</sup>**

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

If you have any questions, don't hesitate to contact me at [KB8UUZ@gmail.com](mailto: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.

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## 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)
- 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
- **Taking Technician Test?** - You **MUST** apply for your **FRN** and get it prior to testing
- **VE fee is \$15** - Cash or Check payable to "ARRL-VEC"
- **17 years old or younger? VE Fee is \$5** per the ARRL reduced CE fee Youth Program
- **FCC License Fee \$35** - payable after FCC sends you a link. **DOES NOT APPLY to upgrades**
- **17 years old or younger? ARRL will reimburse you the \$35 FCC Fee**

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## Okay - now all the Details:

- 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 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.**
  - 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](mailto:KB8UUZ@gmail.com)



## Additional Information - What to Bring to the Testing Session

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

These documents may include:

- An unexpired Certificate of Successful Completion of Exam (CSCE) indicating the credit(s) earned.

- o 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/cores/>

### **Email Addresses REQUIRED**

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



### **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 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 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.

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 **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 VEC 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).

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The Federal Communications Commission (FCC) retired the [Legacy version](#) of its **CO**mmission **RE**gistration System (**CORE**S) on July 15, 2022. CORES is the FCC's public-facing database that enables and tracks certain types of FCC and FCC applicant actions, including amateur radio applications and licenses. Its implementation has enabled routine amateur applications and licenses to be issued overnight instead of over weeks, as was the case with earlier methods. The [updated version of CORES](#) is now available. ( <https://apps.fcc.gov/cores/userLogin.do> )

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## INFORMATION ABOUT THE FCC APPLICATION FEE AND VEC FILED APPLICATIONS

The FCC application fee was implemented on April 19, 2022. Here's what we know so far...

### 1. MAKE SURE EXAMINEES UNDERSTAND THEY MUST PAY WITHIN 10 DAYS.

Examinees do NOT have to wait for the email from the FCC to pay the fee. As soon as an the application file number is issued by the FCC, they can pay by logging into the CORES Payer FRN System (easier to use but only temporarily available) or the CORES FRN Registration system (CORES - Login).

Application File Number search using an FRN: FCC Application File Number Search

CORES payment system background information and instructions: Information.

CORES step-by-step payment instructions: FCC Application Fee Instructions

### 2. The FCC help center stated there is a known issue with individuals paying the \$35 application fee via a smart phone or tablet. This is not a new issue and they haven't been able to help troubleshoot the issue at the support center. Encourage candidates to login and pay the FCC application fee from a computer.

### 3. Examinees should NOT amend any applications that a VEC submits on their behalf, especially NEW license applications.

Amending VEC filed applications will cause the application to be dismissed without action in the FCC system and potentially require the applicant to pay another \$35 fee. If there is a minor mistake on the application, either call us and we can correct and resubmit the application, or the individual can pay the fee, be issued the call sign, and then log back in and make corrections.

### 4. Individuals should review their application BEFORE paying the fee. If there is a major error on the application, such as the licensee's name or license class earned is incorrect, or the answer to the felony question is wrong, DO NOT PAY the fee. Call the VEC (ARRL) immediately.

### 5. When in doubt, call the VEC! (ARRL) Even if you think you shouldn't bother us with your question, call us anyway.

**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

## Printing Your FCC License

### Print an Official or Unofficial Copy of Your Amateur Radio 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](#)

UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION  
AMATEUR RADIO LICENSE

KEJGK

John Q. Amateur  
123 Maple Avenue  
Anytown, State 99999

FCC Registration Number (FRN): 0000000000

Special Conditions / Endorsements

NONE

Grant Date	Expiry Date	Next Exam	Expiration Date
01/01/2018	01/01/2021	01/01/2019	01/01/2021

File Number: 0000000000

Operator Privilege: Advanced

Station Privilege: PRIMARY

THIS LICENSE IS NOT TRANSFERABLE

*John Q. Amateur*  
(Licensee's Signature)

FCC 065 - May 2017





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

Membership Application     New     Renewal

This form **MUST** be filled out for **any** membership transaction

Name: \_\_\_\_\_ Call Sign: \_\_\_\_\_ License Class: \_\_\_\_\_

*(Name Example: You can enter Bob instead of Robert if you want too. Also if you have a nick name you want listed, enter that, too)*

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Phone: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

ARRL Member?     Yes     No    ARRL Membership Expires    Month: \_\_\_\_\_ Year: \_\_\_\_\_  
*Use 2099 if ARRL Life Member*

*(We need month for the Birthday List and we need year to keep on file for the senior member advantages)*

**Birthday:    Month:    Year:**  

**A \$5.00 initiation fee will be assessed in the first year of membership for all new members.**  
**Membership year is Dec 1 - Nov 30. Dues are due no later than Nov 30<sup>th</sup>.** *If you don't pay by 11/30 - you are no longer a member and you will have to pay the \$5.00 fee again plus dues per the schedule below and you will be issued a new member number.*

Check One	Membership	Renewal & New Membership Full Year Rate **	New Membership Second 1/2 year Rate **
<input type="checkbox"/>	Regular Member	\$25.00 Dec 1 - Nov 30	\$12.50 June 1 - Nov 30
<input type="checkbox"/>	Associate Member	\$25.00 Dec 1 - Nov 30	\$12.50 June 1 - Nov 30
<input type="checkbox"/>	Senior Member (65+)	\$20.00 Dec 1 - Nov 30	\$10.00 June 1 - Nov 30
<input type="checkbox"/>	Family Member *	\$15.00 Dec 1 - Nov 30	\$7.50 June 1 - Nov 30
<input type="checkbox"/>	<b>Life Member ***</b>	\$75-Founder    \$175-Charter	\$250-Regular    \$125-Senior

\*Family = wife, husband, brother, sister, son, daughter, father, mother that is a licensed amateur radio operator and who's FCC license has the same address as the paid regular member's FCC license.

\*\*The rate plus a \$5.00 initiation fee will be assessed for all new members.

\*\*\* One time fee - **Must** have been a member in **good standing** for previous **5 consecutive years**.

*Checks can be made out to either "PCARS" - or - "Portage County Amateur Radio Service, Inc."*

**What are YOUR Ham Radio interests:**

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

As a member in PCARS you agree to PCARS sending club related information to your e-mail address and allowing use of your photographs submitted or taken during PCARS events to be used for PCARS publications and ham radio related articles.

Mail to:    Portage County Amateur Radio Service, Inc.  
 705 Oakwood Street - Box 12  
 Ravenna, OH 44266

Date Received:	<input type="radio"/> New	<input type="radio"/> Renew
Initiation Fee: \$	+ Dues: \$	= Total \$
Paid: <input type="radio"/> Cash    -or- <input checked="" type="radio"/> Check    Check Number: _____		
-or- <input type="radio"/> PayPal    Transaction Number: _____		
Date Voted:	Results:	Member Number: _____
<input type="checkbox"/> Database Updated		

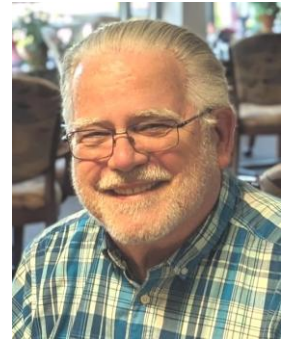
Rev. 7 September 2022



# 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 during 2023 and beyond.

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

**AC8QG, AC8NT, KB8UUZ, KA8TOA, WB8LCD, WG8X, KP4VZ, WB2MGP, W8PT, K8CAV, KE8ARB, N8QE, KD8WCK, WX4QZ, K8ZT and the World-Wide Web**  
With *your* continued help – We can keep making this a *great* newsletter.

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Just when you were figuring it was getting safe out there.... COVID is still active and some of our members have recently caught the COVID bug. PLEASE, get your COVID shot booster. You may still catch it, but with that booster, it may just be a mild case and you'll be back again soon. Don't forget your Flu shot or the RSV shot as well. We want to see you around for a long time to come. Please, be safe out there.

My reign as your newsletter editor is coming to an end. The December issue of the newsletter will be my last one. I'll then have a bit of extra time to play more radio.

Jim - better known as "JC: Wilson, KC8JC will be taking on the task of gathering, editing and publishing the PCARS newsletter starting with the January 2024 issue.

I ask that ALL of you support JC and send your inputs to him. He will need encouragement in taking on the editing tasks and I'm sure with all of our help, he will do an outstanding job.

**Thank You** to all that helped me by sending in the articles and photographs. It has been a LOT of fun. I hope you have enjoyed the journey with me to highlight all the activities and fun over the years here at the Big Fun club - PCARS. I'll still be around and submitting material for the newsletter.



"It seems like this  
always happens around this time of year."

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

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

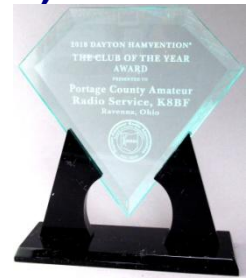


PCARS meets the second Monday of each month at the **Kent American Legion Post 496**,  
1945 Mogadore Rd. - just South of Rt. 261 - Enter the rear of the building for the meeting room.

**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](http://www.PORTCARS.ORG) -or- [www.K8BF.ORG](http://www.K8BF.ORG)



~ 2023 Officers ~	2023 PCARS Appointments & Committees	
<b>President - Nick Wagner - AC8QG</b> <b>Vice President - Jim Wilson - AC8NT</b> <b>Treasurer - Greg Ash - KA8TOA</b> <b>1 Year Trustee - Tom Parkinson - KB8UUZ</b> <b>2 Year Trustee - Chuck Patellis - W8PT</b> <b>3 Year Trustee - Mike Ryan - KB8TUY</b> <b>Past President - Tom Sly - WB8LCD</b>	ARRL Awards - DXCC	<b>W8KNO</b> Joe Wehner
	Club Site Manager/Liaison	<b>K8CAV</b> Rick Kruis
	Contest Coordinator	<b>W8PT</b> Chuck Patellis
	EchoLink	<b>AC8NT</b> Jim Wilson
	Field Day Chairman, 2022	<b>WA8AR</b> Tony Romito
	FYAO Chairman	<b>W8PT</b> Chuck Patellis
	K8BF Callsign Trustee	<b>N8QE</b> Bob Hajdak
	K8BF QSL Manager	<b>N8QE</b> Bob Hajdak
	Membership Chairman	
	Net Control Coordinator	<b>KA8TOA</b> Greg Ash
	Newsletter Editor	<b>KB8UUZ</b> Tom Parkinson
	OSPOTA Chairman	<b>KB8UUZ</b> Tom Parkinson
	PCARS Photographer	<b>AD8IR</b> Agnes Wagner
	Public Information Officer	
~ Meetings & Net ~	Secretary	<b>KE8EGF</b> Paul Hyland
2 <sup>nd</sup> Monday of each month. 7pm Thursday night Club Net at 8 pm on 146.895	Social Media	<b>N8WCP</b> Mike Szabo
	Tech, Gen & Extra Class Mgr.	<b>AC8NT</b> Jim Wilson
	Volunteer Examiner Liaison	<b>KB8UUZ</b> Tom Parkinson
	Webmasters	<b>WG8X</b> John Myers
		<b>KP4VZ</b> Mike Gonzalez

 Active PCARS Volunteer Examiner Team Members	KB8UUZ	Tom Parkinson
	AC8NT	Jim Wilson
	AC8QG	Nick Wagner
	N8QE	Bob Hajdak
	KA8TOA	Greg Ash
	WA8CCU	Al Nagy
	N8FUM	Dan Torchia
	KC8JC	James "JC" Wilson
	W8EC	Mark Haas
	K8IG	Fred Freer
	W8HFZ	Tim McLeod
	K8PJW	Phil Weiss
	N8XTH	Deron Boring
	K8IV	Ed Polack
N8AMY	Amy Leggiero	
W8PT	Chuck Patellis	
KP4VZ	Mike Gonzalez	

## THE RADIOGRAM

PCARS Incorporated  
Nov. 1, 2005

First Meeting  
Nov. 14, 2005



ARRL Affiliation  
April 20, 2006



Special Service Club  
March 22, 2010

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Articles are the opinion of the authors and not necessarily those of PCARS. Or, better yet, let me express it this way: "These are my opinions and only my opinions, unless you share them as well, which would make them our opinions, but I am not of the opinion that I can express your opinion as my opinion without your prior expression of said opinion, and then my re-utterance of that opinion would, in my opinion, be foolish unless I were expressing agreement to your opinion, and then it wouldn't be my opinion but your opinion to which I only agree." **GO AHEAD - STEAL THIS NEWSLETTER!** You have our permission to post, e-mail, copy, print, or reproduce this newsletter as many times as you like, but please do not modify what you use. If you use material in this newsletter, all we ask is that you give credit to PCARS along with the author of the article. Caution - some of the articles in this newsletter maybe covered by copyright - please do not copy and use the ones that have by-line information unless you obtain permission from the original author. If you're not sure, drop an e-mail to [KB8UUZ@gmail.com](mailto: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!

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