



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

December 2018 - Volume 13 Number 12



**Center of
Hope
Donation
- WOW -**



**2018 Ohio State Parks On The
Air Contest
Results**



PCARS K8BF

The Club that puts the FUN in Ham Radio!





Feature Articles

Congratulations to the Newly Elected Officers	3
Center of Hope Donation - All Time High !	4
Center of Hope Donation - Record Courier Newspaper	5
From the PCARS President	6
Christmas Party Dinner Meeting	8
Skywarn Recognition Day	10
Our Thanksgiving and Ham Radio	11
Field Day 2018 Results are Published	12
What a Year - PCARS 2018	13
KD8DFL Retires from the Ohio National Guard	15
FCC Certification	15
Ohio State Parks On The Air 2018 - Results	16
The Storied History of the Ham Radio Call Sign	28
Membership Renewals	36
Bring your QSL Card to the Little City Grill	41
Tricycle Mobile QSL	41
QSL Card - Full Circle	42
PCARS Membership Application - New or Re-New	49
Merry Christmas to All	50

Mark Your Calendars

Schedule of Events	7
VE Test Sessions	26
Net Info & NCS Schedule	27
Hamfest Calendar	36
Contest Calendar	38
Meetings, PCARS	44
DX Engineering Winter Sale Day	51

Regular Departments

PCARS Yahoo Group	26
PCARS Patches & Stickers	27
SIG - QRP	40
SIG - DX & Contest	37
Swap-N-Shop	38
Charlie the Tuner's HF High-Lites	39
Happy Birthday	42
Member Ham License Plates Wanted	43
PCARS on YouTube	43
Pictures from the last PCARS Meeting	45

Finals

Thanks & 73	52
Fine Print	53



Congratulations to the Newly Elected Officers

Congratulations to the PCARS elected Officers for 2019

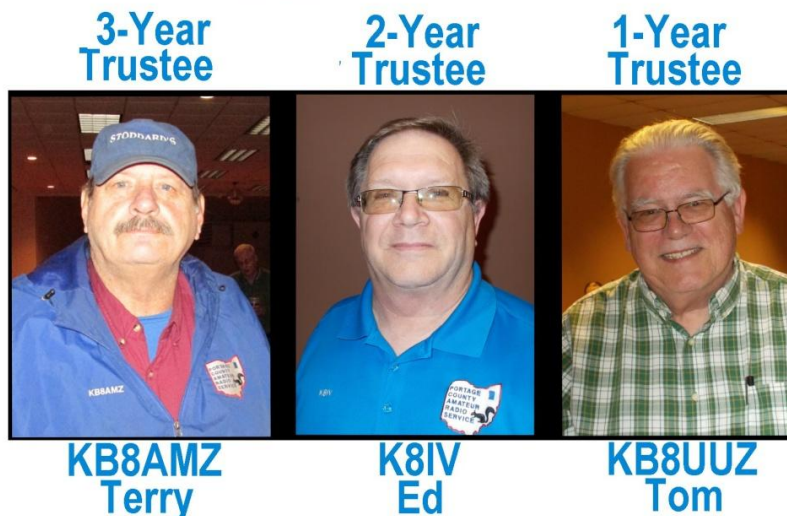
At the November meeting the elections were held - **Congratulations** goes out to the elected PCARS officers for 2019.

President - Jim Wilson, AC8NT
Vice President - Nick Wagner, AC8QG
Treasurer - Paul Hyland, KE8EGF
3-Year Trustee - Terry Morris, KB8AMZ

Make sure you congratulate these fellow PCARS members for stepping up, running as an officer in PCARS.

With the November elections, the 2018 3-year Trustee moves to the 2-year Trustee position and the 2-year Trustee moves to the 1-year Trustee position. Rick, K8CAV remains as Immediate Past President. The new board members commence their duties on January 1, 2019.

Here are the PCARS Board Members for 2019



Center of Hope Donation - All Time High !



KC8AV, AC8NT, Mark Frisone from F&CS, WB8LCD, W8NET

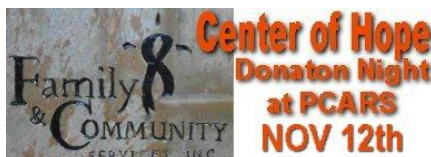
community using our ham radio skills, but also through our support of this great cause

** (some years, this year included, some contributions have been received after the presentation to the Center of Hope. Those extra amounts are not included in the totals, but are immediately forwarded to the Center of Hope).

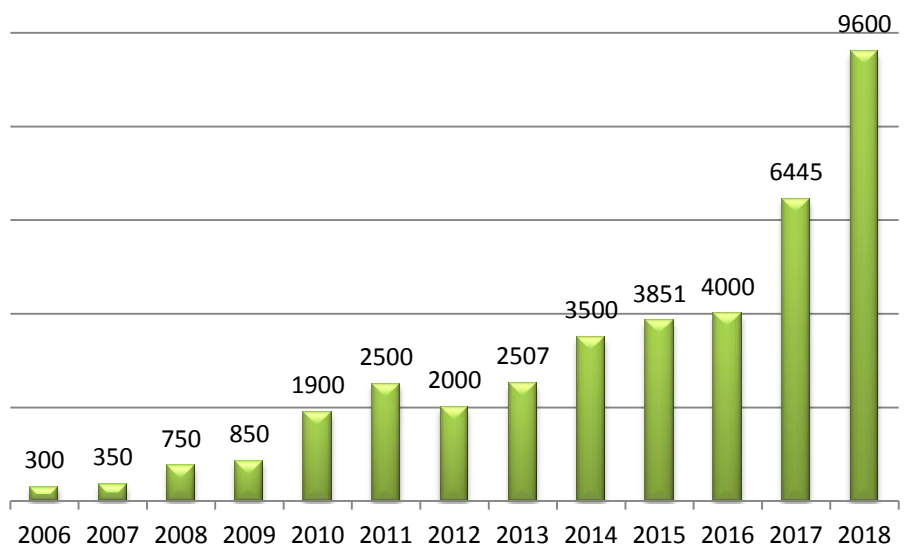
Every PCARS member should be both proud, and humbled by the generosity of our members.

Thank you all, Jim AC8NT.

תודה
Dankie Gracias
Спасибо
Merci Takk
Köszönjük Terima kasih
Grazie Dziękujemy Dékojame
Ďakujeme Vielen Dank Paldies
Kiitos Täname teid 谢谢
Thank You Tak
感謝您 Obrigado Teşekkür Ederiz
Σας ευχαριστούμε
Bedankt Ďekujeme vám
ありがとうございます
Tack



PCARS Donations 2006-2018 to the Center of Hope



Covering Ravenna, Kent & Portage County

Record-Courier

Record-Courier.com

PCARS donates \$9,600 to Center of Hope

Jim Wilson (AC8NT), President of the Portage County Amateur Radio Service, along with other members, presented a \$9,600 donation, collected by, and from the members of the club, to the Center of Hope in Ravenna.

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 they typically serve 75 to 100 individuals per day. Opportunities for socialization, cooking classes and referral services are also offered. The Center of Hope is located at 1081 W. Main St. in Ravenna. Center of Hope is affiliated with Family & Community Services, also of Ravenna.

“PCARS members worked hard, and dug deep, to exceed our donation from last year,” said Wilson. PCARS has supported the Center of Hope every year since its inception as a club in 2006. PCARS is a local group of Amateur Radio operators who meet at the Kent American Legion on the second Monday of each month. They also have a club radio station located at 705 Oakwood St. in Ravenna.

Club members present classes for those who wish to obtain an amateur radio license and provide the opportunity to advance in the hobby through the

events they participate in. Amateur Radio operators provide communications assistance in times of disaster as a public service. For more information, visit the PCARS website at www.portcars.org, or contact President Wilson directly at jawilson@j3solutions.com.



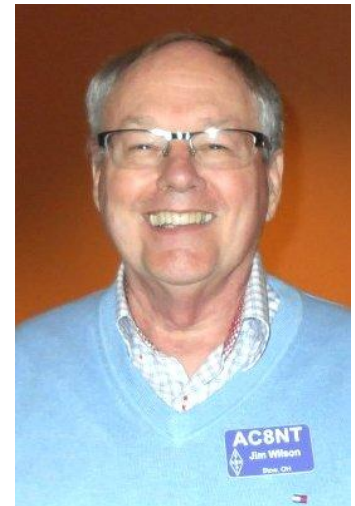
The Portage County Amateur Radio Service recently donated \$9,600 to the Center of Hope. Mark Frisone, center, of the Center of Hope and Family & Community Services, accepts the donation from PCARS members, from left, Past President Rick Kruis (K8CAV), Current President Jim Wilson (AC8NT), Past President Tom Sly (WB8LCD) and Gene Marsh (W8NET), secretary.

Submitted photo



From the President

Jim, AC8NT
PCARS President



Work continues on the club site. We have finished the Social Room and the only remaining space that needs work is Bay 3. We will be removing the very large steel work bench and doing some more thinning out. It will make a great build space for club projects and build days. Again I want to thank all of you that helped with the club site improvements.

As we mentioned last month, we now have three brand new ICOM 7300's. By the end of the year they will be all setup to run all modes including most of the digital modes. This will allow our club to take part in practically any contest and give our members great equipment to make their own QSO's. Training sessions will be held in January on the 7300 so plan to attend. The first session will be January 9th at 6:30 PM. I am sure Chuck will have much to say about these sessions.

We have sold two of our older Yaesu rigs, the 920 and the 1000MP. These were sold using a silent auction. Gene W8NET won the 920 and Nick AC8QG won the 1000. I am sure these rigs have found great homes.

I want to remind all of you about the December meeting and dinner. Please contact Tom, WB8LCD for your reservations. More about this elsewhere in the newsletter.

Last I want to wish all of you a Merry Christmas and a Happy New Year. I hope you spend some quality time with your families and enjoy the season.



Merry 
 *Christmas*



Schedule of Events



On the calendar for upcoming meetings and activities are:



- Dec 1st - VE Test Session at the club site - 10 am
- Dec 3rd - Board meeting at the club site - 7 pm
- Dec 8th - Boot Camp Review at the club site - 9 am
- Dec 10th - Christmas Dinner Meeting at the American Legion - 7 pm
- Dec 25th - Merry Christmas !!
- Dec 31st - New Year's Eve
- Jan 7th - Board Meeting at the club site - 7pm
- Jan 9th - ICOM 7300 Radio Training - at the club site in Ravenna - 6:30 pm
- Jan 14th - PCARS Meeting at the Kent American Legion - 7 pm
- Jan 16th - IF bad weather on the 9th - ICOM 7300 Radio Training - at the club site in Ravenna - 6:30 pm
- Jan 19th - **DX Engineering Winter Sale Day**

Special Interest Groups (SIGs) - Every Month at the Club Site in Ravenna - 7 pm

- First Tuesday - **Digital** - Moderator: K8CAV
- Second Tuesday - **QRP/CW** - Moderator: KB8AMZ
- Third Tuesday - **Antenna** - Moderator: WA8AR
- Fourth Tuesday - **DX & Contest** - Moderator: W8PT
- Fifth Tuesday - **Linux for Hams** - Moderator: KB8AMZ
- Fourth Thursday - **Net Night at the club site - 6:30 pm**



PCARS Christmas Party Dinner Meeting



The PCARS December meeting will be held at the American Legion Hall on Monday, December 10th, 2018. The meeting will start at 7:00 PM, as usual.

This is our annual Christmas Dinner meeting, open to all PCARS members *and their families*.

There have been some “lessons learned” and I believe that this year’s dinner will go off as one of our best ever. The dinner will be catered by the Little City Grill of Kent, at a cost of \$19 per plate. You will have your choice of entre between Chicken or Prime Rib. The dinner will include baked potato, vegetable medley, roll and butter, and a salad. The dinner will include coffee and/or water, all other beverages will be available at the American Legion canteen. The dinner **WILL** be served at 7:00 PM (don’t be late) with appetizers available beforehand (included in the dinner price).

PCARS
Christmas Party
Meeting - Dec 10th



After the dinner there will be a short PCARS meeting, and a gift exchange. I will need to have your *paid* reservation no later than Monday, December 3rd.

You can mail your reservation directly to:

Thomas Sly – WB8LCD
1480 Lake Martin Dr.
Kent, OH 44240

Along with your check payable to PCARS. The PAYPAL button is available on the PCARS web site so that you could make your reservation online now, or you can always give your reservation directly to me. Be sure to indicate your choice of meal.

After dinner we will have the PCARS gift exchange! Please bring a ten-dollar gift and mark it for a HAM or NON-HAM. (Non-ham gifts should be gender neutral). If you are bringing children, please bring a special gift for your own children, and mark your child’s name on the gift so we can make sure it gets to him/her. There will be a table with two baskets, one labeled “**HAM**” and the other labeled “**NON-HAM**” with slips of paper in front of them. Put your gift on the table, pick up a slip of paper, write your callsign and deposit in the “Ham” basket *if you brought a ham gift*, or write your name on it and deposit it in the “Non-Ham” basket *if you brought a non-ham gift*. **PLEASE**: do not deposit a slip if you did not bring a gift for the EXCHANGE!

Mark Your Calendars!



PCARS Christmas Party Dinner Meeting

As it was mentioned in the information about the December 10th Christmas Dinner meeting.

MAKE YOUR RESERVATIONS ASAP !!!!

The PCARS web site has a Paypal button and that makes it really easy to select your dinner choice and make the payments - just a couple of clicks and you're all set!!

If you can't use Paypal - Send your reservation information to WB8LCD as soon as possible - the deadline to get the count of dinners to the Little City Grill is coming up soon - December 3rd.

To use Paypal - Go to the PCARS web site at:

<http://www.portcars.org/wp/>

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You can mail your reservation directly to me at:

Thomas R Sly - WB8LCD
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along with your check payable to PCARS.

or, you can always give your reservation directly to me. Be sure to indicate your choice of meal.

There is a Paypal button available just below this post.

Mark Your Calendars!

73,
Tom wb8lcd

Entree Choice

Select One ▼

Your Callsign, and/or Name

Add to Cart

PCARS
Christmas Party
Meeting - Dec 10th



CHRISTMAS MEETING RESERVATION

The Christmas Meeting is on Monday, December 10th. See the post on the home page for all the information.

Entree Choice

Select One ▼

Your Callsign, and/or Name

Add to Cart



SKYWARN™ Recognition Day

SKYWARN™ Recognition Day ([SRD](#)) 2018 takes place on Saturday, December 1, from 0000 until 2400 UTC. Developed in 1999 by the National Weather Service (NWS) and ARRL, SRD celebrates the contributions that SKYWARN volunteers make to the NWS mission, the protection of life and property. During SKYWARN™ Recognition Day, special event stations will be on the air from NWS offices, contacting radio amateurs around the world.

"Amateur Radio operators comprise a large percentage of the SKYWARN™ volunteers across the country," the NWS announcement said.

"Amateur Radio operators also provide vital communication between the NWS and emergency management, if normal communications become inoperative."

The object of SRD is for all amateur stations to exchange contact information with as many National Weather Service stations as possible on 80, 40, 20, 15, 10, 6, and 2 meters, plus 70 centimeters. Contacts via repeaters are permitted. Stations should exchange call sign, signal report, and location plus a quick description of the weather at your location (e.g., sunny, partly cloudy, windy, rainy, etc.). EchoLink and IRLP nodes, including the Voice over Internet Protocol Weather Net ([VoIP-WX](#)), are expected to be active as well.

Stations will employ various modes, including SSB, FM, AM, RTTY, CW, and PSK31. While working digital modes, special event stations will append "NWS" to their call signs (e.g., N0A/NWS). It's suggested that during SRD operations a non-NWS volunteer serve as a station control operator.

Event certificates are electronic and printable from the main website at the conclusion of SRD. Submit SRD log summaries using the [online submission form](#).



PCARS

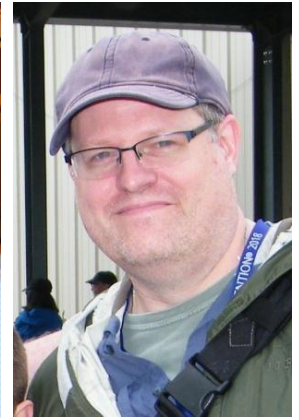
**ARRL Volunteer Examiners:
serving the Amateur Radio
community**

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

**February, April, June, August,
October, December**

Our Thanksgiving and Ham Radio

**Jim, AC8NT
J.C., KC3JXQ**



As most of us know, visiting family can often be interesting. This year we traveled to Jenkintown PA to enjoy Thanksgiving with our son J.C., KC3JXQ and his family.

I was told before we left to remember to bring my antenna analyzer and expect to help with an antenna problem he was having. I am often asked to help with problems when invited to visit relatives. It is part of life.

He had purchased an MFJ 40/20 dipole. For those of you familiar with MFJ products, you know some may require a little help to get up and running. J.C. had found just a few problems to solve after it arrived. First he found his rig disliked the MFJ antenna. It would not load up. After careful inspection, he found the PL-259 connector had a bad connection which he fixed. It still showed very high SWR. After a call to Dad, we decided it needed analyzed. He waited for Thanksgiving. The day after the meal the work started. First we disconnected the traps and tried to tune it to 20 meters. We found it resonant at 11 megahertz, not quite 20 meters. We shortened the inside legs by a meter each (that's right folks 3 feet on each side.) It now tuned to 20 meters. We needed to shorten the outside legs by about a foot each to get it to tune 40 meters. He asked if this was a common problem. I said it was with MFJ antennas. We got it to match to almost 1:1 on both bands although the Q on 40 was very narrow.

We then eliminated a problem with his shack. Not every ham has his shack in the bedroom with his rig mounted on the end table next to the bed. Wahoo! On my worst day I would not have located my rig there. I would have received one of those looks you get from the XYL telling you your hobby needed a new home NOW. It was located here to make it easier to reach the antennas in the attic. With some newly installed coax cables from the attic to the basement, that problem was removed. I won't get into the fun we had running these cables. His shack is now in his office in the basement and working great.

There was a benefit to solving the problem with the antenna. He now has enough wire to make a reasonable 6-meter dipole free. Remember that when you order your next antenna. On Saturday after we returned home, J.C. let me know he had completed a bunch of contacts and was having a great time with his new hobby.

I must admit it was a lot of fun working with my son and my grandson to solve these problems. It was much better than watching football. I can't wait for Christmas. Maybe I will have some of my own ham issues to solve.



PCARS
www.portcars.org



Field Day 2018 Results are Published

Field Day 2018 results have been posted on the ARRL web site. K8BF did a great this year. Even though it is not a 'contest' (ya, tell that to K8IV....) there is an un-official self imposed competition between PCARS and other clubs. We did an **outstanding** job this past year and the numbers good though the band conditions left much to be desired.



First off, we were in **Category 4A** again. **4 stations (VHF Station is a freebee) - 40/20/CW/Flex. K8BF** ended up with 10,926 points - that includes 3,451 QSOs and our bonus points. We did have a GOTA station this year and the only bonus points we missed were for Satellite contacts. We had 87 participants sign in.

The following is how we did compared to some other Field Day participants:

In **ALL** of **Canada and the USA** - there were 2,902 entries in **ALL** categories. K8BF came in **30th PLACE** !

In **ALL** of **Canada and the USA** - there were 137 entries in **4A**. K8BF came in **FOURTH PLACE** !!! About 6,000 points behind number one. #1 was the Huntsville ARC, AL - #2 was the Westchester EmComm Assn. #3 was the Palo Alto ARA, CA.

In the **Great Lakes Division - ALL CATEGORIES** with 272 entries, K8BF came in **FIRST PLACE** with 426 points ahead of #2 - Central KY ARS.

In **Ohio - ALL CATEGORIES** with 138 entries - K8BF came in **FIRST PLACE**, 916 points ahead of #2 which was KW8N, operating as a 1EB set up.

Looking at **all** 2,902 of the entries in Field Day 2018, as far as the **number of participants** - we had 87 sign in - that put us in **17th**. The top club had 159 participants. We were #1 in both Ohio and the Great Lakes Division for the number of participants!

Congratulations to all of the members that helped with Field Day 2018.

Without **your** help, we would not have done as good as we did.

Now, let's see how much better we can do in Field Day 2019.



What a Year - PCARS 2018

Tom, WB8LCD



I guess if I had to say anything about PCARS in 2018, the word that would best describe it is: **WOW! What a year.**

Started off with being named the 2018 Hamvention® “Club of the Year”. What an honor. As one of the club’s representatives at the ceremony at Hamvention®, I can tell you that we are indeed, held in high esteem in the Amateur Radio community. Next up was Field Day. Everyone who pitched in was rewarded with a #4 finish – nationwide – in class 4A. Finally, at our November meeting we were able to secure \$9600 in donations for the Center of Hope! And remember, we had all kinds of Ham Radio Fun at our meetings and club activities between these three big events.

As one of the founders of PCARS, back in 2005, I would have to say that none of this was even on the radar back then. We just wanted to have a club that would allow us to have FUN with our hobby. As we moved along, we were joined by many more like minded people who all kicked in and helped us move towards that common goal. When you really think about it, these kinds of achievements are the natural by-product of that kind of a goal, and the activities that lead to it. Thank you to President Jim, AC8NT and all the officers that helped move the club forward to all these accomplishments in 2018! And Thank you to all PCARS members who participated, and Had Fun, at all of the PCARS events and activities throughout the year. You have all truly made PCARS an outstanding club. I hope to see you all at our December dinner meeting as we celebrate our successes of 2018! (details on the dinner meeting elsewhere in this issue)

But, 2019 looms large on our horizon. We all have a decision to make. Is this as good as it gets? Or is there something better? Are we a “flash in the pan” or are we “the real thing”? We can, and will, look at this as a club. Each and everyone of us can look at our own participation both in PCARS and in Ham Radio in general from the same perspective. So, what are you going to do?

Over the last 13 years, I’ve had a fantastically good time with both my hobby and my club (read “Our Club”). I have seen PCARS reach a point as a club, that few clubs ever reach, and I have reached a point as a ham that I thought I would never reach. And it really wasn’t even that difficult. All we had to do is have Fun! But if we want to continue to impress, it will take a concentrated effort. Now, who is going to tell me that they are not interested in concentrating their efforts on having Fun? Sure, it might be work along the way, but the end result is what we are striving for! Starting in 2019 I think we have a group of “leaders” (and that goes way beyond just the officers) in PCARS that will keep us steady on the upward trajectory we’ve had since the very beginning.

Following are some suggestions I have for you for your 2019 Ham Radio Resolutions:

- **Be involved in PCARS activities.** Not just the ones you think you might be interested in, ALL of Them! Meetings, SIGS, VE sessions, operating / contesting events, club site clean-up days, build days, and even the officer’s meetings on the first Monday of every month. You just might find out that some aspect of the hobby that you have avoided in the past is really something you could be interested in. Even if it isn’t you are a better all-around Ham if you have a basic knowledge over a wide range of topics. Most importantly, you will find that our club has many knowledgeable, talented and personable members and friends. You miss out on a lot if you don’t participate!

- **Step it up a grade.** If you are a Technician Class ham, that gets you into the hobby. It was never meant to be the stopping point, but unfortunately, looking at statistics and the national numbers, it has. Going from Technician to General Class is really a modest step forward as far as the exam goes. Almost everyone should be able to make that step up with a minimal amount of study time. The reward for doing that is in greatly expanded operating privileges, especially in the HF bands. Well worth the effort involved. Tell yourself you're going to do it, then get it done! Going from General Class to Extra Class is a whole different situation. The exam will require LOTS of study time, and the increase in operating privileges is moderate. But there is a lot of personal satisfaction in knowing that you have done it. As I'm writing this on the day after Thanksgiving, PCARS has a total of 189 active members. Extra Class hams account for 96 (50.8%) of those active members. General/Advanced Class hams account for 57 (30.2%), and Technician/Novice Class hams account for 36 (19%) of the current PCARS active membership. If you look at all hams in the US, you would turn those numbers upside down. PCARS is a club of serious Ham Radio Operators!
- **Get on the air!** It seems almost silly to say this, but hey, it's what it's all about. I may be a bit biased here, but I can think of at least one way everyone could get on the air on at least a weekly basis on a Thursday night at 8:00PM! Work a contest, work some DX, work a Special Event Station, operate from the field, spend some time rag-chewing, try a new mode or band, bring some kids over and hand them the mic, learn CW and make a few Q's, make some Q's from the club station, try QRP. Just Do It! It's what ham radio is really all about.
- **Join the ARRL.** There is probably no better way for you to help promise younger generations that Amateur Radio will be available to them in the future. Anyone could find something that they don't like about the League and use that as a reason not to support them. However, there is no other national organization that represents us to the government and business interests that would love to have our frequency allocations! Without ARRL, I believe that ham radio would cease to exist, in any semblance of what it is today, in pretty short order. Please, do not let that happen!
- **Write an article for the Radiogram.** I truly believe that PCARS has a whole bunch of really smart, talented and experienced members who have a lot of good information to share. YOU might be the one person who is able to put into words an idea or a concept, or even just a tried and true principal that I have struggled with understanding, in a way that makes total sense to me and opens my mind to something that takes me to the next level of understanding. You might open my eyes to a whole area of Ham Radio or science that I had never experienced before. I would certainly appreciate and thank you for that!
- **Finally, Be a friend to all PCARS members, especially new hams and new members.** Everyone wants to belong to something and feel that they are a part of something. A local club, like PCARS, is the best place for that to happen. Make PCARS the club where anyone who visits is made to feel from the very beginning that this is a place where they belong. All it takes is a friendly word, a handshake, an invitation to "join in with us" when you see someone you don't recognize. Everyone has value to the organization, make sure we give them an environment where they want to return and be a part of everything that's going on with us. PCARS is a place where it should be Big Fun, that includes everyone!

So, 2019 is soon upon us. I hope we never have to 'Make PCARS Great Again'. Keep your right foot on the floorboard and your left foot off the brake. PCARS will continue to be a great club, and every year we can prove that it can always get better! If I don't have a chance to see you before the end of the year, I truly hope that you and your family have a **Fantastic and Blessed Christmas and New Years!**



KD8DFL Retires from the Ohio National Guard



Please join us in congratulating Ray Larrick – KD8DFL on his retirement from the Ohio Army National Guard. Ray has served 30+ years, has been a Black Hawk helicopter pilot, and has been deployed to active duty in the Persian Gulf.

A small gathering of family, friends and Hams was held the Saturday after Thanksgiving in his honor.



Ray - KD8DFL



Please join me in saying “**Thank you for your service**” to Ray and his family! - Tom, WB8LCD

FCC Certification

Al, WA8CCU

The November Radiogram article on the lack of FCC certificates on some HT's got my interest. So I opened up my TYT8000e and guess what, no FCC number as shown in the Radiogram illustration, or at least so I thought.



Investigating further, I googled FCC certificate for TYT8000e. A Radiocity review of the TYT8000e came up and declared the radio had indeed been FCC certified. Numerous other websites reviewing this radio also stated it was FCC certified.

Radiocity's explanation was that the approval was shown as a logo..... An F followed by two C's, one inside the other.



So.....don't throw your HT away if it doesn't have an actual number, it may have the FCC approved logo.





Ohio State Parks On The Air Contest - September 8, 2018

The 2018 Ohio State Parks On The Air (OSPOTA) contest is in the history books. The logs have been received and reviewed and the results are out.

2018 was the 11th annual OSPOTA !!



**First - On behalf of the OSPOTA contest committee:
CONGRATULATIONS to the WINNERS !!**



Second - CONGRATULATIONS to ALL that participated !!

This year the weather was more than a bit rainy and windy in most of Ohio. The OSPOTA contest was fun for all that were out in wild or in a warm dry radio room at home. Many stations were on the air and activity was fantastic. We had hoped for a lot of activity and all of the participants made it happen. Your efforts in setting up, getting on the air and making contacts are applauded.

Each year OSPOTA is growing and more amateur radio operators both in and out of Ohio State Parks are becoming involved. Let's keep that going in future years.

This particular contest is not only a fun event for most amateur radio operators, it helps to promote the adaptability of hams and to showcase their expertise in being able to set up a portable communications center to make contacts in any weather. OSPOTA is not just a fun contest, it's also a practical exercise to keep our gear ready when called upon to assist local services for communications during an emergency.

The Portage County Amateur Radio Service (PCARS) - located in Ravenna, Ohio is proud to sponsor this contest, and we thank **you** for your participation

Visit PCARS on the web at www.PORTCARS.org

**We'll be looking for you again on September 7, 2019 for OSPOTA 2019 !!
Until then - Take care & 73**

Ohio State Parks On The Air



Greetings to the 2018 OSPOTA (Ohio State Parks On The Air) Participants

From the Portage County Amateur Radio Club's OSPOTA Committee, we would like to extend our appreciation for your participation in the 11th annual Ohio State Parks On The Air contest. You are now part of OSPOTA history and our hope is that it will be a long and rewarding one.

The OSPOTA contest was conceived with three main goals in mind: **1.** Promoting public awareness of ham radio and Ohio's beautiful State Park system; **2.** Contribute to the recognition that Ohio has a very diverse and wonderful ecology; and **3.** Promote camaraderie within the ranks of Ohio's Amateur Radio Operators. It has been with your participation that we believe those goals were achieved again this year.

To those of you who placed in the top three spots in each category, congratulations on your efforts. You deserve your awards for your operating skills. The turn out for OSPOTA was great and we are counting on having everyone do even better in OSPOTA 2019.



OSPOTA Contest Committee - 2018



So until September 7, 2019 - 73!

Tom - KB8UUZ, OSPOTA Chairman
Chuck - W8PT, **Joe - W8KNO**,
John - KD8MQ, **John - KB8UHN**
 OSPOTA Committee Members

OSPOTA Web Site: <http://www.ospota.org>

OSPOTA is sponsored by the **Portage County Amateur Radio Service, Inc. (PCARS)**

PCARS Web Site: <http://www.portcars.org>



OSPOTA 2018 General Information: Top score this year - 8209

35 Parks activated **10 Parks activated did not submit log** **9 Out of state logs submitted** **53 Logs submitted**
24 Clubs represented **47 States were logged** **106 DX contacts were logged**
1020 Contacts on 80M **1047 Contacts on 40M** **170 Contacts on 20M**

(contact info from cabrillo files only)

24 Clubs Represented

Ashtabula County Amateur Radio Club	Highland Amateur Radio Association (2)	Portage County Amateur Radio Service (7)
Athens County Amateur Radio Association	Hocking Valley Amateur Radio Club	Shelby County ARES
Central Ohio Operators Klub Extra-Novice	Lake County Amateur Radio Association	Steubenville-Weirton Amateur Radio Club
Cuyahoga Amateur Radio Society	Mad River Radio Club	Sunday Creek Amateur Radio Federation
Delaware Amateur Radio Association	Medina 2 Meter Group	Toledo Mobile Radio Association
Drake Amateur Radio Club	Milford Amateur Radio Club	Union County Amateur Radio Club
DX Engineering Employees Radio Club	Mount Vernon Amateur Radio Club	Warren Amateur Radio Association
Fulton County Amateur Radio Club	North Coast Contesters	West Chester Amateur Radio Association

OSPOTA 2018 - Scores

Overall High Score

K8IV - 8209

Multi Op-Multi Radio-Low Power - In a Park

Call	Park Name	Score
K8IV	PUNDERSON	8209
W8VTD	MOSQUITO LAKE	6451
W8UCO	ALUM CREEK	4549
K8UU	CAESAR CREEK	3942
K8CY	GENEVA	2260
N8BC	HEADLANDS	1988
W8H	MAUMEE BAY	1690
K8HO	ROCKY FORK	672
K8EEN	MOHICAN	602
K8LGN	LAKE LOGAN	589
K8BXQ	HARRISON LAKE	473
W8CWO	JEFFERSON LAKE	441

Multi Op-Single Radio-High Power - In a Park

Call	Park Name	Score
KC8AAV	BURR OAK	2776

Multi Op-Single Radio-Low Power - In a Park

Call	Park Name	Score
KC8OKJ	PIKE LAKE	3211
W8UKE	STROUDS RUN	2405
K8ZUK	LAKE LORAMIE	686
WC8VOA	CAESAR CREEK	241

Single Op-High Power - In a Park

Call	Park Name	Score
W8NET	WEST BRANCH	95

Single Op-Low Power - In a Park

Call	Park Name	Score
WB8CPG	DELAWARE	6328
K8RGI	OAK POINT	3165
K8FH	FINDLEY	3085
K8MD	VAN BUREN	2519
W8ERJ	MALABAR FARM	2407
NF8O	MALABAR FARM	1456
KA4VKN	FORKED RUN	459
N8WCP	WINGFOOT LAKE	415
AA8GP	STONELICK	376
K8ZT	PORTAGE LAKES	220
KD8MSZ	VAN BUREN	99
N8QQQ	LAKE HOPE	CHECK LOG

Ohio State Parks On The Air



In Ohio - Not In Park

Call	Score
KS8U	649
KB8UUZ	525
NX8G	483
KB8UHN	443
KD8TNS	313
KD8MQ	221
W8EOT	168
W8RGE	144
KD8CGH	64
W8BVH	55
N2OPW	41
KD8UPX	25
WA8UWV	4
N8DXE	1



Outside of Ohio

Call	Transmitting From	Score
N3CU	PENNSYLVANIA	853
N4NY	SOUTH CAROLINA	805
W9AV	WISCONSIN	676
K2RYD	NEW YORK	221
NO2C	NEW YORK	221
KC4FLB	VIRGINIA	106
KM4IAJ	VIRGINIA	89
WB3AFS	PENNSYLVANIA	36
N5UOV	GEORGIA	16

Multi Op-Multi-Radio-High Power - In a Park

Call	Park Name	Score
-	No entries in this category	-

Framed Certificate

Certificate

Ohio State Parks On The Air





Ohio State Parks On The Air



Ohio State Parks Activated during the OSPOTA Contests: 2008-2018

Page 1 of 2

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

Ohio State Parks Activated during the OSPOTA Contests: 2008-2018

Page 2 of 2

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

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 - reopen 2018

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

Not all activated parks sent a log in for scoring.



Activated Parks 2008-2018



Thanks goes out to all the operators and loggers that submitted logs this year

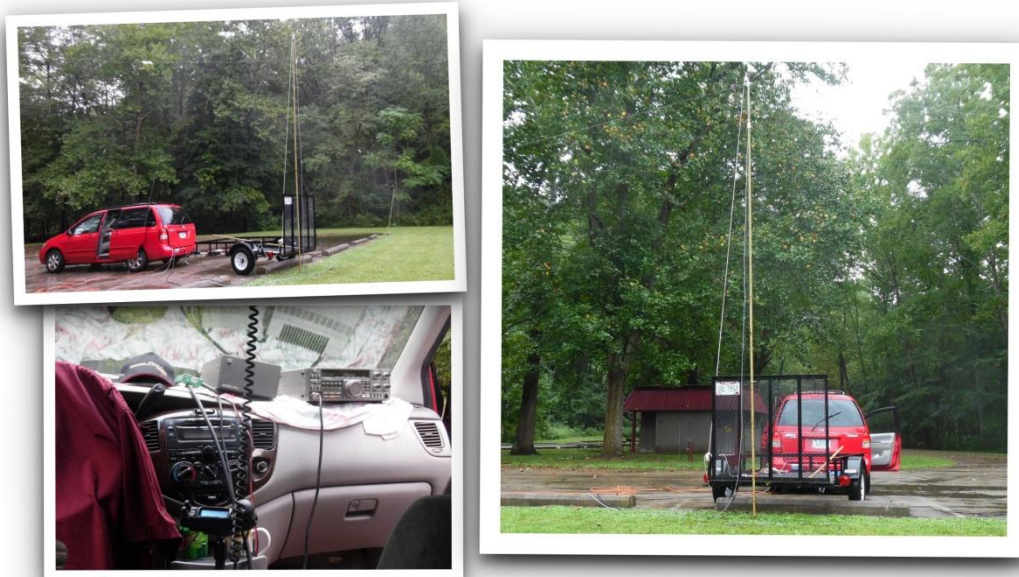
AA8GP	KB8UHN	KD8UPX	N8CUB	W8GPR
AA8HS	KB8USO	KD8VUY	N8GD	W8ILD
AB8KT	KB8UUZ	KD8VWF	N8HMK	W8JWL
AB8RJ	KB8VGD	KD8WVX	N8IG	W8KIW
AC8DZ	KC4FLB	KD8YGQ	N8KRO	W8KWH
AD8BD	KC8AAV	KD8ZCH	N8KZL	W8LGX
K1RQS	KC8CFI	KE8ANU	N8MIQ	W8LU
K2RYD	KC8EVS	KE8CZO	N8MWK	W8MHV
K8BAP	KC8FNJ	KE8EAS	N8NYI	W8MUK
K8BL	KC8KEB	KE8EPG	N8PEG	W8NET
K8EKG	KC8KSM	KE8EZT	N8PEN	W8RCH
K8FH	KC8OKJ	KE8GBX	N8PPF	W8RGE
K8FKH	KC8QDQ	KE8GXF	N8QE	W8VNL
K8IV	KC8RYM	KE8HGE	N8QQQ	W8ZL
K8IYO	KC8YDS	KE8IJU	N8RLH	W9AV
K8LES	KD8AAK	KE8IJV	N8UVM	WA8UWV
K8MD	KD8CGH	KE8IRN	N8WCP	WB3AFS
K8OBX	KD8DFL	KE8JEK	N8XM	WB8CPG
K8QDE	KD8EVN	KE8JEL	N8XWO	WB8LCD
K8QXO	KD8FRQ	KE8KBX	N8YFF	WB8PHI
K8RGI	KD8GMA	KE8RU	N9ACC	WB8RG
K8SBL	KD8HSA	KE8UE	NA1RB	WB8ZGH
K8ZT	KD8KBU	KG8JL	NF8O	WC8EMA
KA4V NK	KD8KNC	KI8N	NO2C	WC8VOA
KA8IIM	KD8KZG	KM4IAJ	NT8I	WD8AIG
KA8STM	KD8LYX	KS8P	NT8Y	WD8MXR
KA8WMF	KD8MQ	KS8U	NX8G	WD8RIF
KA8YTS	KD8MSZ	N2OPW	NX8Y	WD8RNG
KB8BKE	KD8ORN	N3CU	W8ALM	WD8SAB
KB8GAB	KD8PSB	N4NY	W8BVH	WE8N
KB8QPO	KD8SKL	N4QAD	W8EGL	WT8E
KB8SFC	KD8TNS	N5UOV	W8EOT	
KB8UAW	KD8TUR	N8BUS	W8ERG	



K8IV - Punderson



KC8OKJ - Pike Lake



Ohio State Parks On The Air contest - Sept. 8th



WB8ERJ - Malabar Farm



September was the OSPOTA, and it was nasty! It was quite a learning experience, as I run on solar power, and it was quite cloudy and rainy. It was a great training lesson in power budgeting, which is often overlooked, but with solar, it is a make-or-break situation.

I started out running 80 watts of power, and quickly dropped down to 30-40 watts. Also having a couple of extra batteries helped out a lot!

I called it quits about an hour before the contest was over, as there didn't seem to be any other contacts to be made. I made 84 QSO's and contacted 29 Ohio State Parks.

I'm already mulling over ways to address off-grid solar power in cloudy conditions.

See you all next year! - Mike, WB8ERJ



Ohio State Parks On The Air contest - Sept. 8th



WB8CPG - Delaware



Hi, I am Jim, WB8CPG. 2018 OSPOTA was something I was pretty excited about this year. Normally I am out with my club from Warren Ohio W8VTD, but this year I decided I would try doing a single operator station this year. So after doing some park searching I decided on Delaware State Park and was not disappointed. As you can see in the pics this was a pretty park and the sites are large. I used a 37 foot mast with an 80m and 40m inverted V's sharing the one mast. I was able to set one East/West and the other North/South. Also from the mast I ran a Fan Dipole for 15/20m back to the trees. The bands as everyone had to notice were not the best and the majority of my Park contacts were on 80m. But 40m did produce 3 hr's of pile-ups so contacts in general were good. I know many other areas were hit pretty good with rain but my area had light rain that started 2 am Saturday and did not quit till 11 pm Sunday. all in all I think I did well and am anxious to see the results. FYI - I am 65 and been a ham for 50 years. I had such a good time that I stayed camped there for another week and hammed it up every day working the Route 66 On The Air guys. Was a great trip and will definitely be there next year again. It was fun working all of you who took part this year, especially those who braved the weather and set up in the parks.

Just a little note if you noticed the Blue streamers on the four legs of the inverted V's I hung those so the wire legs stood out more so nobody would walk into them. The people at the park office were very receptive to my being there and the park workers stopped by numerous times to see how I was doing. My site was definitely one of the topics going around the park that weekend. I had the sign pictured, out during the week also to help people understand what they were looking at. It was fun watching folks walk by pointing. I did my best to make my setup as neat as possible to promote the best of relations with the park and I think I accomplished that.

73. Jim Popovich.



Ohio State Parks On The Air contest - Sept. 8th



KC8AAV - Burr Oak



Just some pics from KC8AAV ospota set up at Dock area 2 at Burr Oak Park one of the most remote areas but in rare Morgan County.

First we setup around 9am had no trouble except for the rain of course. We set up or club shelter so as to block all wind and rain from entering where the equipment was set up. We had a small canopy for the grill and tables with food and drinks. Burr Oak dock 2 is very remote and a very quiet location and signals hop out of there on HF.



Ohio State Parks On The Air contest - Sept. 8th



PCARS VE Test Sessions

Tom, KB8UUZ
PCARS VE Team Liaison



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.

December 1st,
2019: February 2nd, April 6th, June 1st, August 3rd, October 5th
Also - June 22nd at the Field Day site - 4 pm

What to Bring to the Testing Session

- \$15 is the current test fee. We prefer the exact amount in cash or a check made out to: **ARRL-VEC**
- A government photo ID (**driver's license or state ID card preferred**).
- Your Social Security Number or FCC Federal Registration Number. We are required to submit either your Social Security Number (SSN) or your FCC Federal Registration Number (FRN) with your application. If you are upgrading, your FRN is on your current Amateur Radio license.
- A pen (black ink) and pencil (we can loan you either or both)
- **If you already have an Amateur Radio license: One copy of any current (unexpired) amateur radio operator license issued to you.**
- 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 indicating the credit(s) earned.
- Original and copy of a pre-March 21, 1987 Technician license (this provides credit for the Element 3 [General] exam) - you must be currently licensed to get this credit.

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

Any Questions? Contact: KB8UUZ@gmail.com

PCARS Yahoo Group

Members are reminded that PCARS has a Yahoo Group dedicated to PCARS information. It's a great site to sign up for and get on the mailing list. Check out the PCARS Yahoo Group at: <http://groups.yahoo.com/group/PCARS/>



As most of you may know, the portcars e-mail forwarding system is working anymore. Too many internet providers are looking at our forwarding system as spam and deleting the e-mails we send out through that system. So, what to do?

Two things every member should do.

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

PCARS Patches & Stickers



New 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: Amy, KD8SKL or e-mail her at: KD8SKL@yahoo.com



PCARS Thursday Net Control

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.**

Since I have been Net Coordinator for PCARS I have put together some stats for everyone. We have issued 11 certificates for consecutive Check-Ins this past year. We have averaged 18 stations checking in to the Thursday night net, based on the last 19 weekly check in logs. We have approx. 13 net control operators.

I would like to thank all of you for participating in the nets and I think the average check-ins show that the club is doing well and hope to do better next year. I also hope we can find a couple more net control operators for next year. Remember it is good experience for emergency operations. Some of our operators are on leave due to construction issues.

Finally I want to wish everybody Happy Holidays and a great New Year, be safe have fun and play radio when you can.

Don't forget - 4th Thursday is NET NIGHT at the Club Site !!

December	
6	KA8TOA
13	KE8BWA
20	K8CAV
27	WB8LCD

January	
3	N8QE
10	N8XTH
17	AC8NT
24	WB8LCD
31	KE8BWA

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

I am trying to get some new net control operators, anyone interested please contact me.

If you have not been a Net Control Operator for PCARS and would like to give it a try, *please* contact me at: grgory999@roadrunner.com everyone who is a club member is welcome to have a turn - and have fun being Net Control !

Net Operators: Use the current versions of the Net Script and Log Sheet (with my e-mail address on it). You can find them on the PCARS web site in the Nets section. *Please* download them and use them. Also, remember to e-mail me a copy of the log for the club records and certificates.

If you have some issues and can't make it as net control contact me or see if you can trade with someone.



The Storied History of the Ham Radio Call Sign

Mike, W7VO

ARRL Northwestern Division Director



Every legal amateur radio operator in the world has a government issued call sign, and many hams are better known to their radio friends by their call sign than they are by their given birth name. The uniqueness and prestige of a call sign is indeed one of the most important things that provide the persona that IS amateur radio. Remember when you first opened that letter from the FCC, it was not unlike Christmas day as you learned what your new call sign would be. From then on, you would be known by that call sign.

Call signs are important indeed. Think of the call sign **W1AW**, and 99% of hams would know that this once identified Hiram Percy Maxim, the founder of the ARRL. The call sign was so important that it became the official call sign of the ARRL. But, if one thinks about it, we don't really *own* these call signs, they're *leased* to us by the FCC for our use as long as we remain licensed. We are the caretakers, and when we become a silent key, they are passed along to the next caretaker. (This author is the fifth caretaker of the **W7VO** call sign, and seventh if one includes the original **7VO**, which has been traced back to 1922.) However, this begs the question; where did our treasured call signs first originate, and what is the evolution of this most important moniker? Of course, one cannot discuss call signs without covering some of the storied history of amateur radio itself in the process.

The origins of amateur radio call signs go back to the earliest days of radio, informally at first, then more formalized as major world events transpired that changed the face of amateur radio itself. This evolution can be broken down into five distinct periods of history:

- 1) **The Pioneer Years, pre - 1918**
- 2) **The Reconstructive Years, 1918 - 1927**
- 3) **The Pre-War Years, 1928 - 1941**
- 4) **The Post-War Years, 1945 - 1975**
- 5) **The Modern Era, 1975 - present**

The Pioneer Years, pre 1918, "The Days of Anarchy"

The very early days of ham radio was an interesting time, not completely unlike the untamed wild west itself. Prior to 1912 there were no real laws governing the new communications medium known as "wireless", it was for the most part completely unregulated. The airwaves of the time consisted of signals emitting from crude spark gap transmitters, by a combination of governmental, commercial interests, and fledgling ham radio operators (who mostly worked for these other interests). The Marconi Company was among the first to use three letter call signs to identify their transatlantic coastal wireless telegraph stations, and to identify their company owned shipboard stations. The coastal station call signs started either with a "**V**" (for "Voice of (somewhere)"), or "**M**" (for "Marconi"), while the shipboard stations just used the starting letter of "**M**". Amateur radio operators for the most part started off by using just names as identifiers, such as "**BILL**" or "**MAC**", then that evolved into a combination of two or three letters, a mixture of letters and numbers, or even just numbers! It would be easy to see that there ended up being a LOT of overlap in call signs, both commercially, and among hams themselves. Was "**MAC**" a Marconi Company owned shipboard station sailing off the coast of Newfoundland, or Miles A. Cornwall (using the call sign "**MAC**"), the ham radio operator in New York? With such a limited range for the spark gap transmitter (often around a hundred miles or so), this wasn't much of an issue, (at least at first.)

However, as the airwaves became more and more congested it was clear that more needed to be done to coordinate and publish established call signs to reduce conflicts. While there were publications that listed known commercial wireless stations, the May 1908 publication of Modern Electrics magazine published one of the very first list (a “wireless registry”) of known amateur wireless radio operators, their associated call signs, and also the approximate wavelength they operated on. (One could argue that these are really the first ten documented ham radio operators!) Most of these hams used two letter identifiers signifying their initials, but one ham, Otto Curtis of Rochester, New York was simply known as “**Q**”, long before the letter became associated as fictional James Bond’s technical advisor.

Name of Owner	Call Letters	Approximate Wave Length In Meters	Spark Length of Induction Coil
A.C. Austin, Jr. Hasbrouck Hgts., NJ	AU	200	2”
Otto E. Curtis Rochester, NY	Q	152	1”
M.D. Douglas Hasbrouck Hgts., NJ	MD	100	1/4”
Harry Gross Hackensack, NJ	HG	125	1/2”
Albert Higson Jersey City, NJ	AH	75	1”
Harold E. Peck Providence, RI	PE	40	1”
J. Peters Jr. Florissant, MO	PI	125	4”
L.S. Stevens Marlboro, MA	LS	60	1-1/2”
Newell A. Thompson Brookline, MA	KN	400-700	1/2 kW
Earl Vogel Ashton, IL	AN	56	2”

By May of 1909 the “wireless registry” listed many more amateur wireless stations and their call signs, most listed were using three letters by now. (It’s interesting to note that many used two letters followed by the third letter of “**M**” to denote that they were employees of Marconi Company). Some hams were listed with a combination of letters and numbers, such as J.C. Randall of Albany, New York who was listed signing as “**S4**”, and F.W Harris of Renton, Washington, who signed simply as “**3B**”. One special call sign listed was that of Earl C. Hawkings of Minneapolis, Minnesota who utilized the call sign of “**HAM**”. I guess one could argue that he was the first *real* “ham”!

In such an unregulated environment that had many wireless stations competing, (all utilizing transmitters with very broad emission spectrums), and coupled with crude receivers on the other end, conflicts caused by both unintentional and intentional interference were commonplace. This was getting worse by the day, and one day it all came to a head. That day was April 15, 1912.

On that fateful day, the seemingly impossible happened. The “unsinkable” RMS *Titanic* (call sign: **MGY**), with 2,200 passengers aboard hit an iceberg in the North Atlantic, and was sinking fast. While there were hundreds of passengers eventually rescued by the RMS *Carpathia* (call sign: **MPA**), several problems with wireless radio communications of the day played a key role in delaying the rescue effort, and undoubtedly added to the *Titanic*’s fatality totals. For one, the shipboard wireless station aboard the *Titanic* was owned and manned by employees of Marconi Company. Marconi’s main competition for the ship wireless telegraph market was bitter rival Telefunken, based in Germany. At the time Marconi Company owned stations were not allowed to have any contact with Telefunken owned stations (call signs beginning with a “**D**”), and as a result messages from the competition were largely ignored. In addition, there was both unintentional and intentional interference from other commercial stations (and hams alike), making for even a more chaotic scene. Many thought the distress signals from the doomed ship were fake. After all, how could the “unsinkable” *Titanic* really be sinking? It must be “fake news”!

There was also a third issue. The Marconi Company early on had established the “**CQD**” (“CQ Distress”), message. The now familiar “**SOS**” (“Save Our Ship, or “Save Our Souls”), had actually been made the worldwide standard at the second International Radiotelegraphic Convention, was signed in 1906, and became effective on July 1, 1908. This was a full four years earlier than the *Titanic* sinking. Only the Marconi Company equipped ships still used “**CQD**” as the standard distress message when the *Titanic* ran aground.

While the above is a nice narrative about a well-known disaster, what does this have to do with amateur radio call signs? When the dust settled, the US Congress began investigations into how to keep this disaster from repeating itself. Besides the sole remaining *Titanic* wireless operator, Harold Bride, the radio pioneer and tycoon Guglielmo Marconi himself was called before Congress to explain his company’s practices. The end result of these hearings became what is known as the Radio Act of 1912, written into law on August 13, 1912. This historic act had the following provisions, among others:

- 1.) It established a Federal law that mandated that all ships constantly monitor distress frequencies, (the primary one at that time set at 600 meters (500 kHz))

- 2.) Mandated that the familiar Morse “SOS” be the defacto standard for distress calls
- 3.) Mandated that all radio stations in the US be inspected and licensed by the federal government.
- 4.) Provided the possibility of fines for intentional or malicious interference
- 5.) Limited experimenters (amateurs) to 200 meters wavelength (about 1.5 MHz) and lower, (as frequencies higher than that were considered “useless”!)

The end result of the new licensing requirements dramatically dropped the number of amateurs from about 10,000 to around 1,200 almost overnight, and almost killed off the hobby. This was a win for the Navy and commercial wireless interests, as they really didn’t want any “amateurs” on the air anyway, interfering with *their* airwaves. While US stations, (including amateurs), had to be inspected and licensed by the US government, this act didn’t really do much for formalizing call signs per-se.

On the international front, the International Radiotelegraph Convention of 1912 established the first internationally recognized call sign standards, based on the country. This standard replaced the random three letter call signs prevalent then. Major world powers were given single prefixes such as “N”, “W”, and half of the “K” prefix allocations (**KDA-KZZ**) (United States), “A”, “D”, and “KAA-KCZ” (Germany), “F” (France), “B”, “M”, and “G” (Great Britain). The convention was signed at the International Radiotelegraph Conference in London on July 5, 1912. It is important to note that while these international standards were applied to commercial wireless stations, amateurs for the large part were still left on their own.

On May 9, 1913, the official United States Policy for Radio Call Letters was published:

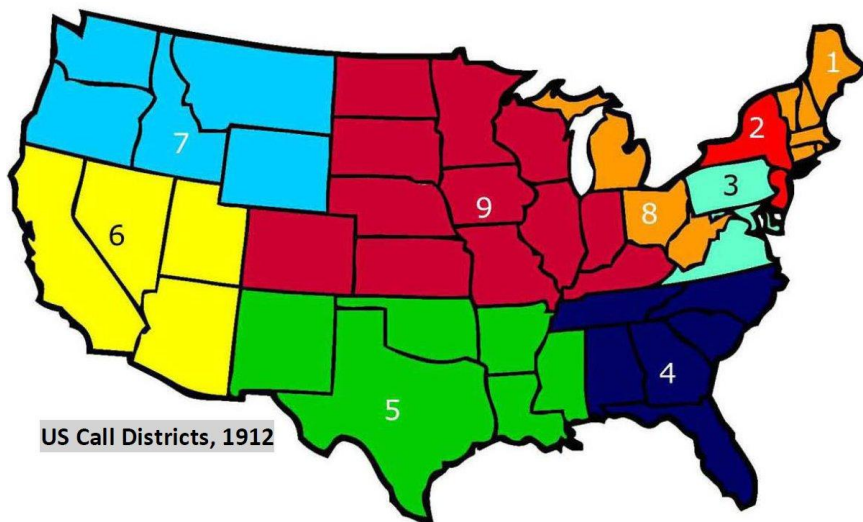
“The call letters for amateur stations in the United States will be awarded by radio inspectors, each for his own district, respectively according to the following system:

- (a) The call will consist of three items; number of radio district; followed by two letters of the alphabet. Thus, the call of all amateur stations in New England (which comprises the first district) will be the figure "one" in Continental Morse, followed by two letters; in California (in the sixth district) the figure "six" followed by two letters; in South Carolina the figure "four" followed by two letters; in Missouri the figure "nine" followed by two letters, etc. The letters “X”, “Y”, “Z”, must not be used as the first of the two letters.

The territory of each district was as follows:

- (b) The three items; a given figure first, followed by two letters of the alphabet, thus may be combined in 598 different calls, which will probably suffice for the amateur sending stations in most districts for some time to come.
- (c) Radio inspectors will insert amateur station calls in station licenses according to this system, and will keep a permanent chart, of 598 squares, lettered with the alphabet from left to right and from top to bottom (“A” to “W”), inserting in the appropriate square the serial license number of the station to which the call letters were awarded. Within these limitations radio inspectors will use their discretion in the award of calls, avoiding, of course, duplications.
- (d) When a station is abandoned and the license canceled, or if a license shall be forfeited for violation of law, the call assigned to it may be allotted to another station.
- (e) If the entire 598 calls have been exhausted, radio inspectors will issue additional calls, consisting of the figure of the district followed by three letters. From such combinations should be excluded the combination **SOS**, and **PRB**, all three-letter combinations beginning with **QR** or **QS**, all combinations involving the repetition of the same letter three times, three-letter combinations beginning with “K”, “N”, “W”, “X”, “Y”, “Z”, and other combinations, which, for various reasons, international, national, local, or individual, may be objectionable.”

The “official” US amateur ham radio station call sign was officially born, but what is interesting to note here was that the Department of Commerce, who was responsible for these regulations, thought that 598 call signs per district were plenty “for some time to come.” Little did they know that the number of US amateurs would balloon to the almost three-quarter million we have now!



Then on April 7th, 1917 the entire world of amateur radio was turned upside down, when by executive order amateurs were told to “dismantle and render inoperable radio wireless equipment, and antennas” as the United States formally entered “The Great War”, World War One. This mandate applied to both receivers and transmitters, and all amateur licenses issued to date were immediately cancelled. Amateur radio was dead, and radio itself became a government monopoly utilized strictly for the war effort. To ignore this mandate could be considered an act of treason, so it was not taken lightly.

Radio amateurs, while no longer licensed, were a valuable asset for the war effort. They were encouraged by the government to help man coastal wireless stations and enlist in the Signal Corps for field radio operations.

The Reconstructive Years, 1918 - 1927, "Starting Over"

At the conclusion of the war the US Navy put together a very large push with the Congress to ensure that future amateur radio activity remained silent, so the military could continue to have the airwaves for themselves. Mostly due the effort of Hiram Maxim and the ARRL that effort was defeated, and amateurs could once again be licensed and back on the air starting in early 1919.

Since all licenses had been cancelled at the start of US involvement in the war, all previous call signs were forever lost. When the nine district radio offices once again opened for business amateurs lined up in an attempt to ensure low letter suffix assignments. (Are things really different now outside Apple stores these days when the new phones come out?)

As early as 1920 some of the call districts had run out of two letter suffix assignments, so began the three letter suffix call sign. (That said, there were some reassignments of two letter call signs, if you knew the right person!)

By 1923, as both receiver and transmitter technology greatly improved, international contacts between amateurs were becoming commonplace. Amateur stations, for the most part, still didn't follow the call sign prefix standards set by the International Radiotelegraph Convention of 1912, so there were again problems related to duplication of call signs. Only this time on a worldwide scale. Remember that the policy established in 1913 did not cover call sign prefixes for amateurs, only the district assignments and suffixes. There could be a **2AL** in New York working a **2AL** in Brazil, or another one in England. Amateurs, (being inventive as they are), took the matter in their own hands, and sometime starting in the mid 1920's US amateurs began using an unofficial "u" or "U" as a prefix on call signs to denote they were from the US. By 1927 the prefix "nu" (North America, United States) became commonplace on QSL cards (example: **nu6AA**), while a ham in Canada would use "**nc**" (North America, Canada) as a prefix, (ie: **nc7AA**).

In 1925 the Department of Commerce opened up the “**Z**” letter suffix for assignment, and allowed the “**Y**” letter suffixes to be used for educational institutions. Examples of the latter are still in

A' RADIO
DX - G - BRAZIL
SEUS SIGS ENVIOS
DESEMPEDADOS AS EM - 102
QRK - CRN - QRZ - QSS - QSB

TRANSMISSOR
HARTHEY-INDUCTIVO
WATTS-IMP. 30
AMPS - ANT : *NORTH*
QRN. MTS : 35

By feed to receive, see call 1000, outside
OBS. : *some in the air, 1000 730*

RECEPTOR
P.O. Briggs
EST. B. F. : *1*
ANT : *1*
PSE QSL CRD 73's

DX: *B. P. U. C. H. Y. F. I. - G - 102*

Watts Input _____

Det. & 1 step _____

Radio _____ Ur R _____ sigs wkld nt _____ M. E. ST. _____ 195 _____

QSB _____ Remarks _____

Op. R. E. PENDLETON

• ARRL
 209 Atlantic Ave., Marblehead, Mass.
 Radio *44-2R* Ur CW sigs wrkd fr *March 13, at 10.57M* EST
 Audibility *P2* QSB AC QRM *h1* QSS —
 Receiver: Loss loss 51 step W E fones
 Trans: *ZL* Watt L C Meissner *44-2* V ORAC on plate
24, 100, 100, 100, 100, 100
 DX Worked *44* EG, ED
 Canada, 48 States. Hrd in South Africa *cs*
type we con clear Sam tjc next time
 Remarks *4M, CU 90W 30m.*
 Pse QSL Tnx fr crd Best 73's R. P. Gray

American Radio Relay League Station IAW

Hiram Percy Maxin, Owner 276 No. Whitney Street, Hartford, Conn.

Radio PCTR

Your CST signals were worked here on 11-11 at about
 heart

6-50 AM E.S.T.

on Taks three-circle tune and two stages audio amplification. Baldwin phones

Availability Fair

Remarks: You were calling amateur ♀.

I A W

Wave-length 193
QRN Sense
QRM Sense
QRS Sense
Weather cloudy
Tone Sense
Wave _____

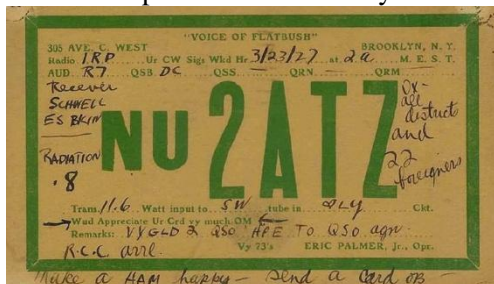
Would like report on IAW's signals if you hear them. Best 73's.
Hiram Percy Maxin

use to this day; Stanford University is often on the air with **W6YX** (originally **6YX**), and down the road San Jose State University is still on the air (since 1928) with the **W6YL** call sign. The “X” letter suffix remained for “experimental” stations, and was not released as a 1X2 (ie: **W7XQ**), standard call sign until 1977. Two-by-three letter “X” suffix call signs remain to this day reserved for experimental stations. Not exactly as the Convention of 1912 dictated, but better than nothing!

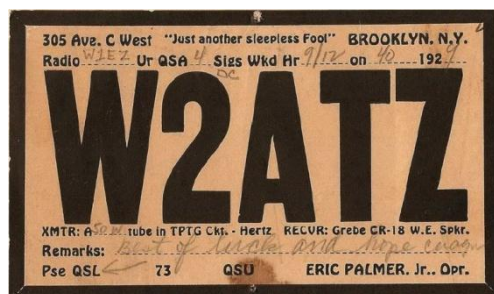
The Pre-War Years, 1927-1941, “Amateur Radio is Here to Stay!”

The Washington Conference / Radio Act of 1927 established formalized US amateur radio bands, and finally put US amateurs under international prefix rules that were loosely established in the international conference of 1913. As a result of this act a new commission was formed, the Federal Radio Commission. The commission was assigned the task of issuing licenses, including amateur radio. Also part of this latest act, the US was finally going to follow the already established International Telegraph Union (ITU) call sign standards.

The ITU standards were upgraded to grant the entire “K” prefix to the US, in addition to the existing “W” and “N” prefixes. (Remember that Germany had the “KAA” to “KCZ” prefixes issued previously). The Navy was reserved the “N” prefix, while starting in 1928 the “W” and “K” prefixes were authorized for civilian services, such as amateur radio. As new amateur licenses were issued, and old ones were renewed, the “W” prefix was simply added to the existing call sign. For example, the call sign of **6UO**, (or the unofficial **nu6UO**), became **W6UO**. The “K” prefix at that time was reserved for US possessions, such as Alaska, Hawaii, and other islands. (Note that “A” block letters were unassigned until 1947, when the US received the “AA” through “AL” prefix blocks). The US amateur radio call sign had finally taken its modern shape we all know today.



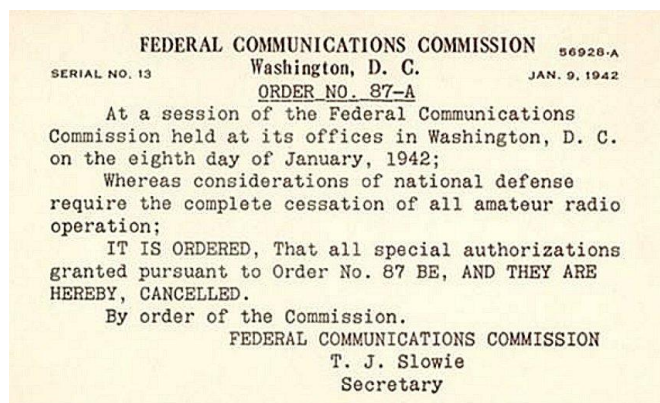
Unrelated to amateur history, (but a question that always seem to arise), is the history of how the US commercial broadcast stations got geographically divided into “K” (for stations West of the Mississippi), and “W” for Eastern stations. This oddity goes back to early Federal Radio Commission regulations, and was originally applied to ships operating either in the Atlantic, (“K” prefixes), or Pacific or Great Lakes area (“W” prefix). Eventually, this was applied to land based commercial stations as well, (but somehow in reverse order), using (with exceptions), a rough line matching the course of the Mississippi river.



In 1933 President Franklin Roosevelt requested the Secretary of Commerce to appoint an interdepartmental committee for studying electronic communications. A recommendation was made by the committee for the establishment of a new agency that would regulate *all* interstate and foreign communication by both wire and radio, plus telegraphy, telephone and broadcast, under one umbrella. This resulted in what became known as the Communications Act of 1934. A key part of this act was the creation of a

new federal organization known as the Federal Communications Commission, (FCC) to replace the Federal Radio Commission that was previously established in 1927. Amateur licenses were now moved under this new commission, and this act also created many of the laws that still govern the hobby to this day.

On December 7, 1941, the “day that will live in infamy”, the world of amateur radio was upended for the second time, as the US was drawn into the Second World War. All amateur activity was officially suspended January 9th 1942 for the remainder of the war. The big difference here though, was that the FCC continued to issue and were allowed to renew amateur radio *operator* licenses. After all, that gave the government a ready pool of trained and *certified* radio operators and technicians for the war effort. There were no *station* licenses issued, and existing ones were considered revoked. Once again hams were forced to silence their stations but at least this time, unlike the previous war, receivers were still allowed to be used.



This lasted until the war officially ended in September 1945, and shortly afterwards amateurs were granted limited permission to get back on the air in November of 1945, with only the ten and two meter bands to start. The US amateurs were back, even if only in a limited capacity at the time.

The Post-War Years, 1945-1975 “The Glory Years of Amateur Radio”

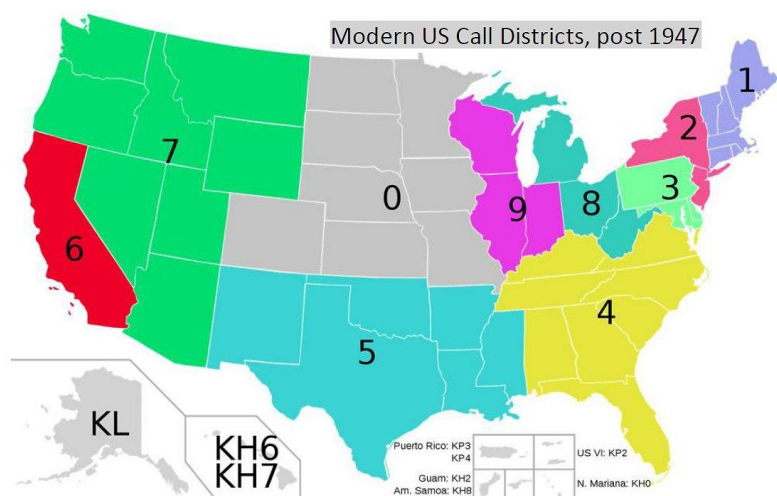
The Atlantic City International Telecommunications Union (ITU) Conference of 1947 (the ITU had changed its name in 1932), reallocated some call sign blocks, and granted a few developing island nations their own prefixes. Meanwhile in the US, the call sign districts were moved around to equalize ham populations.

During the war the Midwest, and West coast industrial centers had greatly increased the amateur radio populations in those areas. As a result, a new 10th call district formed for the central Midwest, allowing Wisconsin, Illinois and Indiana to have the 9th district to themselves. The 6th district was changed to encompass California only. The remaining states that used to be part of the 6th district (Nevada, Arizona and Utah), were moved into the lesser populated 7th district. As licenses were renewed, the new call sign districts were mandated, and often entire call signs changed as a result. A new call was assigned to denote the new district, but one “might” keep their old suffix if it was currently unassigned in the new district. If the suffix was already assigned to somebody in the new district, a new suffix was assigned as well. For example, pioneer Charles Newcombe, **6UO**, in Yerington, Nevada became **W6UO** in 1928, but had to change to **W7VO** when the state became part of the 7th district in 1947 as **W7UO** was already in use. The rule allowing special call sign suffix dispensation lasted until 1978, when the systematic call signs program began. (More on that later.)

Also at this time US Possessions had own unique prefixes assigned, ie: **KP4** for Puerto Rico, **KH6** for Hawaii, and **KL7** for Alaska.

In 1951 there was a big push to create an “entry level” amateur license, so in response the FCC created a new Novice amateur radio license class, originally as a one year, non-renewable, low power, and CW only license. These new “novices” were assigned either a **WN** or a **KN** prefix, but the “N” would be dropped from the call sign once the licensee upgraded. (For example, new novice **WN7XYZ** would get a new call sign of **W7XYZ** once he upgraded.). When the FCC ran out of “**KN**” and “**WN**” call signs, they began issuing “**WV**” prefixes for novices, which became “**WA**” or “**WB**” prefix calls when upgraded. US Possessions used “**W**” for the first letter of the novice prefix, (ie: **WH6ABC** to denote a novice call sign, which changed to **KH6ABC** when upgraded).

Another interesting thing happened at the same time. Another new class of license was created, called the “Technician” class. It was a new VHF/UHF/microwave (220 MHz and higher) licensed designed to encourage



experimental exploration of these frequencies, (but not intended as a communicators license!) The call sign assignments for the Technician class license followed the same rules as all of the other amateur classes, except Novice. Since Novice and Technician privileges didn’t overlap, it was possible to hold two different call signs at the same time. There was also another rule that if an amateur had homes, (such as a “snowbird”), in two different FCC districts, he or she could hold call signs that reflected the numbers of both districts. So, technically, one amateur could potentially hold four amateur call signs simultaneously! It is unknown whether anybody ever took advantage of this loophole, but it was technically possible. When the Novice license was upgraded, the

Technician license was forfeited, as the General class already included all Technician privileges. This system was in force until sometime in the 1960’s.

As the number of licensed amateur operators greatly increased in the boom years following the war, “**W**” prefix call signs started to run out, so starting in 1947 the first “**K**” prefix calls began to appear in the continental US. By 1953 most

districts were issuing them, and some still were until 1964. (The 9th call district area was first to implement the new “K” prefix)

By the late 50’s/early 60’s all of the possible combinations of 1X3 format “K” were all assigned in some districts, so “WA” and “WB” (2X3 format) call signs started appearing. “WB” call signs were issued from 1965 to 1975, but in the mid 1970’s some districts were also running out of “WB” calls, so the FCC began recycling old “WA” calls that were expired or otherwise unused in the system. (The author’s first call sign was one of these, **WA6HKP**). The amateur ranks were filling up fast!

However, the recycling of old call signs was not new when they began reissuing unused “WA” call signs. Starting in 1966, (and until 1977), Extra Class licensees, licensed for 25 years or more, could apply for unused 1X2 call signs.

The Modern Era, 1975 to Present “Things get complicated”

The issuance of the recycled call signs was a lot of extra work for the FCC, so it began issuing new “WD” prefix call signs in the 8th, 9th and 10th area call districts, starting around 1976. (In 1978 the “WD” prefix was replaced with the “KA” prefix, as systematic licensing was put into place). But what happened to the “WC” prefix, which logically should have come after “WB”? The answer is; those prefixes were reserved for Radio Amateur Civil Emergency Service (RACES) stations at the time. VHF and UHF club owned repeaters also had their own 2X3 format call signs issued, starting with the “WR” prefix. At least one “WT” (**WT6AAA**) call sign is known to have been issued in the 1970’s, as a “temporary” call after a FCC mixup denied a prospective amateur’s new license. (He had the same first and last names as somebody who previously had their license revoked, and once cleared up a temporary license was issued until the standard license could be processed).

In 1975 the FCC released special 1x1 call signs for special event stations, choice 1x2, and “AA-AL” and “N” prefix call signs. Starting in 1977 the 25 year licensing requirement was dropped for Extra Class upgrades to unused 1X2 call signs, and in addition, the 1X2 “N” (ie: **N1AA**) prefix call signs were added to the mix. Also, the new 2X2 “AA-AL” prefixes (ie: **AA7CR**) became available for Extra class licensees. There were certainly a lot of new “Extra Class only” call signs to choose from, and many licensees took advantage of the opportunity!

However, just as things seemed to be running smoothly for the issuance of call signs, in early 1977 a FCC employee at the 3rd District office in Gettysburg, PA was indicted for taking bribes offered by amateurs wanting special call signs, and who did not have the license class to be awarded the change, (among other issues). This unfortunate event resulted in the termination of all then informal FCC processes for issuing call signs. The new rules implemented on February 23, 1978 required that all amateur call signs must be issued only by the "systematic" process as specified in the rules. No specific call signs could be assigned; call signs were instead assigned consecutively, via a computer database. There were a few other sweeping changes:

- ☐ Amateurs were no longer required to change their call sign when moving to a new district.
- ☐ Secondary, Repeater, Control, and Auxiliary Station licenses were discontinued
- ☐ Call signs were now going to be assigned by Groups, and by license class

The Groups were defined as:

Group A -- Amateur Extra Class - Contains all “K”, “N” and “W” 1x2, most 2x1, and most “AA-AK” prefixed 2x2 call signs

Group B -- Advanced Class -Contains most “K”, “N”, and “W” prefixed 2x2 call signs

Group C -- Technician & General Class, (and later, the Technician Plus Class) - Contains all “N” 1x3 call signs. Unassigned “W” and “K” prefixed 1x3 call signs are not issued under the sequential call sign system, but are available under the later Vanity call sign system

Group D -- Novice Class - Contains most “K” and “W” prefixed 2x3 call signs. The letter “X” may not be the first digit of the suffix.

Note that no provision had been made for the issuance of **AA-AL** and **NA-NZ** prefixed 2x3 call signs, and these call signs are not currently issued to anyone.

In 1995 the Vanity “for a price” program opens, consisting of four “gates”:

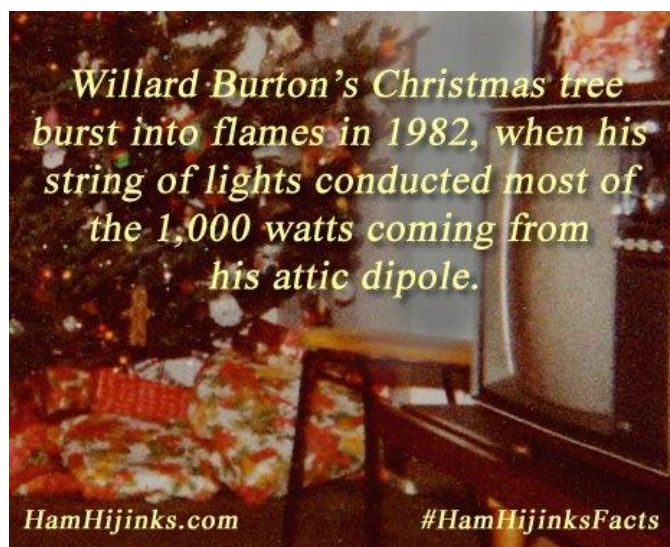
- Gate 1:** 5/31/96, for those amateurs that had held a call before, or eligible for “in memoriam” calls
7/22/96, for Club station trustees that were eligible for “in memoriam” calls
- Gate 2:** 9/23/96, Amateur Extra requests
- Gate 3:** 8/6/97, Advanced Class requests
- Gate 4:** 12/2/97, Everybody else

So now we have the full history of the ham radio call sign, from the infancy days of amateur radio, until the present day. What does the future hold for our call signs? Who knows? Eventually, the “**N**” and “**A**” 2X3 call sign formats will have to come into play as the “**K**” and “**W**” prefixes run out. There also have been other ideas floated out there that include authorizing a mixture of letters and numbers for Extra class call signs, similar to what is in use in Europe. (ie: **W7IVO**), or even the “sale” of 1X1 call signs to Extras, now reserved for special event stations.

In conclusion, please take the time to appreciate the past efforts and tenacity our forefathers, and especially the gallant early efforts of the ARRL, had to ensure that the hobby we all enjoy as radio amateurs even exists today. Our unique call signs define who we are as amateurs, and have from the start. Please remember to take good care of our special call sign heritage for future generations of amateurs.

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<http://www.americanradiohistory.com/Archive-FCC/Federal%20Radio%20Act%201927.pdf>
http://www.rollanet.org/~n0klu/Ham_Radio/History%20of%20Ham%20Radio.pdf https://en.wikipedia.org/wiki/Amateur_radio_licensing_in_the_United_States

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PCARS
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Discover the FUN



Hamfest Calendar

01/27/2019 - Tusco Amateur Radio Club - Location: Wallick Auctions - 965 North Wooster Avenue - Strasburg, OH 44680 - Website: <http://www.tuscoarc.org> - Contact: Janice Green , KB8YDK - 32210 Norris Road Tippecanoe, OH 44699 - Phone: 740-922-4454 - Email: k8wfn@tusco.net

02/17/2019 - InterCity ARC Hamfest Location: Mansfield, OH - InterCity Amateur Radio Club Website: <http://www.w8we.org>

06/01/2019 - BreezeShooters Amateur Radio Club - Location: Big Butler Fairgrounds - 1127 New Castle Road - Prospect, PA 16052 - Website: <http://www.breezeshooters.org> - Contact: Cathy Heiles, KB3OYS - 134 Easley Road Pittsburgh, PA 15237 - Phone: 412-600-3846 - Email: kb3oys@breezeshooters.org

PCARS Membership Renewals

Gene, W8NET
PCARS Secretary



It's that time of year that most of you start taking care of your PCARS membership dues for the coming year. I want to ask you: **Please!** Do not just toss cash at any of the officers with the comment "Here it is!" Now don't get me wrong, I love cash. But loose cash is hard to keep track of, especially when receiving a lot from many different people all at the same time.

If you intend to pay your dues, in person, at one of the upcoming meetings, please go to the website (www.portcars.org), download an application form and complete it to include with your dues payment (there is also a copy of this form at the end of the newsletter). It would help if you could either staple, paper clip, or better yet, put it in an envelope with your payment before handing it in! This is necessary regardless of whether you pay your dues with either cash or a check. By the way, you can also pay your dues on the web site using PAYPAL.

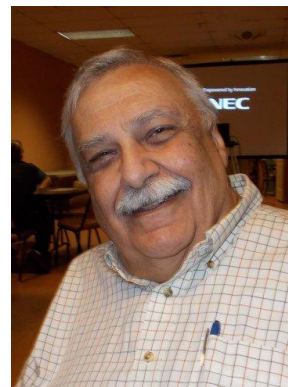
We would especially like to ask you to complete your contact information on the application form: address, home phone number, cell phone number and email address. As many of you have replaced home phone numbers with cell phones, our contact information has become out dated. This is especially true with email addresses. Without correct, current information, you will not receive notification of the monthly newsletter nor the QST email updates that are sent out frequently. If you want to "Opt Out" of receiving our emails just let me know and I will have you removed from the list, but then you will need to download the newsletter from the club site, and check the site regularly to keep up with the current events that are normally distributed via the QST mailings.

Most importantly, I hope that you will renew your membership in PCARS and make a point of being an active member of the club.



DX & Contest Special Interest Group

Chuck, W8PT



I announced at the meeting that we would be having a tutorial on how to operate our new IC 7300 rigs. Everyone who wants to operate from the club site must take the training. This will be the first.

George, K3GP, will be doing the teaching. This will take place on Wednesday, January 9th at 6:30 and of course, at the club site. George says that it will take no longer than 2 hours unless we have a large turnout with folks wanting to try their hand at the rigs.

If the WX is sketchy, then we have a snow day set for Wednesday, January 16th at the same time.

I know that our regular testers will be present. I'm hoping that others will show up for the teaching so that they can learn to operate these new rigs.

See you there.

Tuesday, Nov. 27th, we held our monthly DX/Contesting Special Interest Group meeting at the club site. I want to thank the many members who showed up to share their insight on the topics covered.

We first discussed our QRP event that will be coming up in February, namely the 14th Annual PCARS Freeze Your Acorns Off event. We reviewed last year's rules and made a few changes. The main change is that instead of counting all of Canada as one country and therefore, one point. Starting in this next FYAO, we will split Canada into it's provinces and count each province as a separate entity and they will count as one point each.

We also want to make sure that people will wear their Hawaiian shirts in order to thumb their noses at old man Winter. So you will be awarded 10 extra points for wearing a Hawaiian shirt. And if you have a stuffed black squirrel at your operating position you get an extra 5 points.

Remember, this is supposed to be FUN so join in on the merry making.

We also discussed how we can get more people involved in our contesting efforts. Many ideas were offered, but the one that seemed most likely to work was offered by Gene, W8NET. He suggested that I get Contest Champions, who would serve like our Station Captains on Field Day. They would not be tasked to run the contests but they would be responsible for talking up the contest and sending out reminders to the membership, among other efforts.

So as the various contests approach, I will be looking for individuals to head up a campaign for each contest in order to get as many people as they can to attend and operate during the contests. You will be hearing more about this after the first of the year.

Have a great Christmas and New Year's celebration.



Swap-N-Shop

For Sale: Collins 100 Watt Dummy Load DL-1 S/N-5288 dummy load will handle 100 watts for tuning up your rig, can work with any radio transmitter. \$150

For Sale: Used KT-88 Amplifier tubes that just came out of service in a McIntosh MC-2102 100 watt stereo amp. \$150

For Sale: Collins SM-2 microphone with original box, packing, cable, connectors, and mounting stand. \$350

For Sale: Used Collins SM-2 microphone with mounting stand no cable included. \$150



Contact: Jeff, WA8SAJ at (440) 951-6406 [03/02/19]

FOR SALE: WIMCO 2 Meter Wagon Wheel Antenna - Also known as a cloverleaf antenna. As new, plus save expensive shipping from Germany \$60.00

Contact Al, W8CCU - email: radioflyer73@roadrunner.com [03/02/19]

FOR SALE: Hustler 5-BTV Vertical Antenna - Good Condition with mounting bracket, SO-239 Adapter and home brew 17 M add-on. Delivered FREE anywhere in Portage County. I can also help with set up. \$75

Contact Gene, W8NET - call 330-619-9194 [02/02/19]

FOR SALE: ICOM IC-7300 - NEW - never turned on and still in the box! (I want a 7610) From HRO on Sept 25th - \$900.00

Contact Richard, KA8OAT - call 330-506-7068 [02/02/19]

FOR SALE: Two beams for sale. These were made *BEFORE* MFJ started making Cushcraft antennas. **Cushcraft Ten-3** Three element **10 meter beam**. Cost new \$299.95 - Sell for \$150.00. This beam helped me make 7,651 ten meter contacts.



Cushcraft A505S - Five element **6 meter beam**. Cost new \$199.95 - Sell for \$100.00. This beam snagged me 4,900 contacts and 366 different grids on 6 meters. These beams were on a tripod on my roof. Had the roof replaced and took down the antennas.

Contact Tom "Parky", KB8UUZ at kb8uuz@gmail.com [01/02/19]

FOR SALE: I have a used **80 meter Carolina Windham**, with 100' of RG8X attached to it. I'll take almost any offer, and will consider any trade.

Contact Tom, WB8LCD at tomdly29@gmail.com [12/02/18]

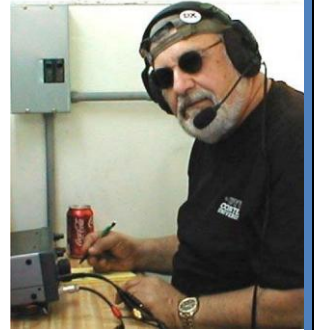
Contest Calendar

December Contest Calendar	
Contest Name	Times
ARRL 10-Meter Contest	0000Z, Dec 8 to 2400Z, Dec 9
ARRL Rookie Roundup, CW	1800Z-2359Z, Dec 16
RAC Winter Contest	0000Z-2359Z, Dec 29
Stew Perry Topband Challenge	1500Z, Dec 29 to 1500Z, Dec 30

YES - There are MANY More Contests out there - Check the internet.

Charlie the Tuner's HF High-Lites

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



Greetings to all DXers:

This is the month where we ask Santa to bring us some "toys" that will fit nicely in our HAM shacks. Have you made out your list for the merry old elf? If not, **WHAT ARE YOU WAITING FOR??** How about a new rig to replace the one that was built when Eisenhower was in office? Or maybe you'd like to have more power at your disposal when trying to bust a pile-up. And just maybe he could bring you a new antenna so that you have something to do come Spring.

In any case, I'm hoping that Santa or one of his elves (spelled XYL) will bring you something for your shack that will bring a smile to your face and a few new DX entities to your QSL collection.

Speaking of DX entities, the bands have been full of DX signals. Even 15 and 10 meters had some activity. So if you are around during the day, give a listen to the HF bands and see what you can hear.

So let's see what we all might find in the next few months.

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, AB5K & the AR TelNet Clusters Network, AF1G/C6ATH, NJ1Q & W1AW, NG3K & ADXO, W3UR & The Daily DX, K6VVA, K8GI, K8YSE, W8GEX & 60m DX News, W9ILY, DL1SBF, DL7UXG & The DX News Letter, DxCoffee.com, DXNews.com, DX-World.Net, ES1CW, F5NQL, F6AJA & Les Nouvelles DX, HA1AG, I1JQJ/IK1ADH & 425 DX News, I2MQP & DX Italia News, JI1LET, OZ1ADL, OZ6OM & 50 MHz DX News, Sixitalia Weekly, and VA3RJ & ICPO for the following DX information.

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

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

4S, SIR LANKA. Peter, DC0KK, will once again be active as 4S7KKG from Moragalla, Sri Lanka (AS-003, WLOTA 0762) between November 1st and April 1st. He states that he preferably likes to be active on the Digital modes and CW. QSL via his home callsign, direct and by the Bureau. All QSOs will be uploaded to LoTW and ClubLog.

4X0, ISRAEL. Members of the Holy Land DX Group will operate from the heart of "Masada Fortress" <https://en.wikipedia.org/wiki/Masada> as 4X0M (M=Masada) between January 4-6th, 2019. Masada is one of the most attractive sites and has the highest number of tourists visiting. Activity will start on Friday, January 4th, at 0730 UTC, and close down on Sunday, January 6th, 0600 UTC. They will have two stations on the air on 80-10 meters using CW and SSB. Operators mentioned are Ruben/4Z5FI, Mark/4Z4KX, Alex/4Z4AK, Ros/4Z5LA, Yuli/4X6HP, Vladimir/4Z5IW, Amir/4X6YA, Arthur/ 4X4DZ, Jan/4X1VF and Hal/W8HC. QSL Manager is Antonello, IK2DUW.

OC-113/OC-279 Operators Cezar/VE3LYC and Adrian/KO8SCA will operate as TX0A from Maria Est Atoll in the Acteon Group (OC-113), and as TX0M from Morane Atoll in the Morane Group (OC-297P) between December 4-18th. The only amateur radio activity from the Acteon Group took place more than 28 years ago by Robert Berry (FO5BI/P). He operated in April 1990 from the Marutea Sud Atoll. This IOTA reference is currently ranked #6 on the

Most Wanted IOTA Listing, needed by 98% of the IOTA members. Since at the time of this operation there will be 1126 IOTA references activated to date, compared to 340 current DXCC entities, the rarity of this IOTA group corresponds to #2 on the DXCC Listing. The Morane Atoll is the only counter of the New IOTA Group OC-297. It fits the "Remote Island Group" criterion (IOTA Programme Structure B.1.3). Both Atolls are uninhabited. The plan is to operate from each Atoll for 5 full days. Activity on CW, SSB and 40-10m concentrating on the bands that will exhibit the best propagation conditions within specific time windows for each region. They will maintain 1 station on 20 m as long as the propagation will permit in order to maximize the number of unique stations logged. This is a complex and extremely expensive project and they need your support to defray some of the costs incurred! All donors will be timely acknowledged on their Web site at: <https://tx0a-tx0m.weebly.com> QSL via VE3LYC, direct, by the Bureau or ClubLog's OQRS.

T32, EAST KIRIBATI ISLANDS. Nobuaki, JA0JHQ, will be active as T32NH from Captain Cook Hotel on Kiritimati Island (OC-024) between December 5-11th. Activity will be on 160-6 meters using CW and FT8. He also plans to be in the ARRL 10m Contest [December 8-9th] (CW, if possible SSB). Equipment is a TS-480HX w/200w into a MV or Vertical antenna. (Using Linear Amp is not permitted at Kiribati, because of the interference to the AM Radio) QSL via JA0JHQ direct or LoTW (preferred). For more details and updates, see: <https://pandasan.jimdo.com/t32nh>

XU, CAMBODIA. Steff, HB9FXL, is QRV as XU7AKB from various locations here until December 14. Activity is on 40 to 10 meters using SSB. QSL to his home call.

That's it for this month and for a few months out. Until next month, vry 73.

CW/QRP & Linux Special Interest Groups

Terry, KB8AMZ



The December meeting is December 11, 2018 the second Tuesday of the month at 7 PM (1900 hrs). Doug, WA8UWV, has asked/suggested that I announce a build session of the Code Practice Oscillator (CPO) that the SIG decided to build earlier this year. Some of us decided to wait because a PCB was going to be designed then provided to make the build easier. Doug has PCB's for those that have the parts kit but haven't assembled yet on a perf board for a whopping \$1.50. So bring your parts and some cash for the PCB, soldering iron and solder and let's get these CPO's assembled. While we are assembling our kits we can discuss the agenda for the January 2019 meeting. Any questions before the meeting you can contact Terry KB8AMZ at terry.kb8amz@gmail.com. All Amateur Operators are welcome.





PCARS K8BF

The Club that puts the FUN in Ham Radio!

Bring Your QSL Card to the Little City Grill

Tom, WB8LCD



Bert Bellison, owner of Little City Grill has allowed me to hang a QSL card holder on the wall near the back entrance to the restaurant.

Stop by, have a bite to eat, or a cup of coffee, and add your card to the display. Let's show the people in Kent and Portage County that Ham Radio is alive and well! If we fill up this holder, I know he will allow me to add another, and another. Once a few more cards are added I'll add a poster with information on Ham Radio and PCARS so any patron that was interested would know how to find us.

Bert also said, if you're coming to the Christmas Dinner, bring a card along and you can hand it to him personally.

Hope to see you on Bert's "Wall of Ham Radio Fame" soon!



Tricycle Mobile QSL

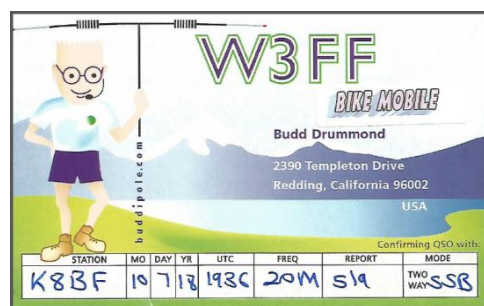
Joe, W8KNO



During the time I was operating the California QSO Party. I had the opportunity to hear and work W3FF.

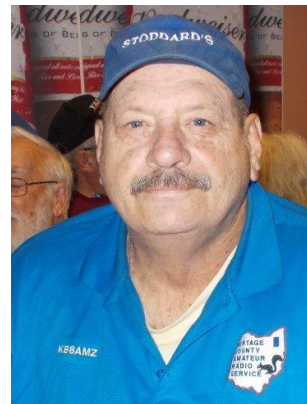
He was operating Tricycle mobile. What a unique experience.

Therefore, I sent him both a K8BF and W8KNO QSL card. This is the QSL card the club received in return.



QSL Card - Full Circle

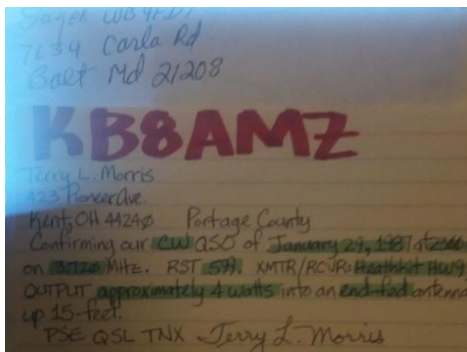
Terry, KB8AMZ



How often do you suppose you send out a QSL Card and receive one back to confirm your contact then years later receive that QSL Card, that you sent, in the mail.

It happened to me. On January 29, 1987 I worked the ARRL Novice Roundup. I was excited that: 1) My Heathkit HW-9 was working, and 2). My Novice ticket had arrived in the mail the previous week. I barely had a station set up. I had been working on converting a closet that was also access to my attic, into my radio station.

I ran a wire up the steps, across the attic stapled to the center roof beam, out through the vent at the west end, up and over my roof to a tree about 30 feet away into branches at about 15 feet. So I had a lousy end fed, and a low power radio. The roundup came and I worked some stations. My very first contact with my call sign was W4BZE, Tom from Baltimore, MD. Tom took the time to chat with me. Not just exchange name, QTH, RST, and rig information. So I decided to ask for a QSL before we ended our QSO. I made my own QSL card from an index card because I didn't have any printed QSL Cards yet. I was so excited about the first contact that I left some information off of the QSL card that I sent, e.g. Tom's full name and call sign.



A couple weeks ago I received a letter in the mail from someone I had not met and it had the call sign WB4FDT. His name is Phil Sager. Phil was a friend to Tom. When Tom passed his ham radio stuff was passed on to Phil to find a new home. Phil was looking through Tom's QSL's and came across my QSL card. After reading that Tom was my 1st Amateur Radio contact he thought I might like to have it back and sent it to me.

That QSL card went full circle and provided me with fond memories.

Happy Birthday PCARS Members

PCARS members having a birthday in **December**:

KD8RUQ	Mike	Collins
KD8LLN	Michael	Polack
KD8ICP	Tim	Gehri
KB8AMZ	Terry	Morris
	Arlene	Kurta
KA8TOA	Greg	Ash
KB8UHN	John	Tomasik

N8XTH	Deron	Boring
K8IV	Ed	Polack
KC8RJR	Errol	Jordan
WA8GCF	David	DeSimio
KD8SKL	Amy	Leggiero
KD8GYI	Pete	Hardin



PCARS Ham Radio License Plates Wanted !!!

Dig out an old 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 69 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 Yahoo Group](#) site. Then you'll have an old plate to bring in to get hung up as a **permanent part of PCARS history**.



From the Ohio BMV:

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

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

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

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

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

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

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

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

PCARS is on YouTube

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

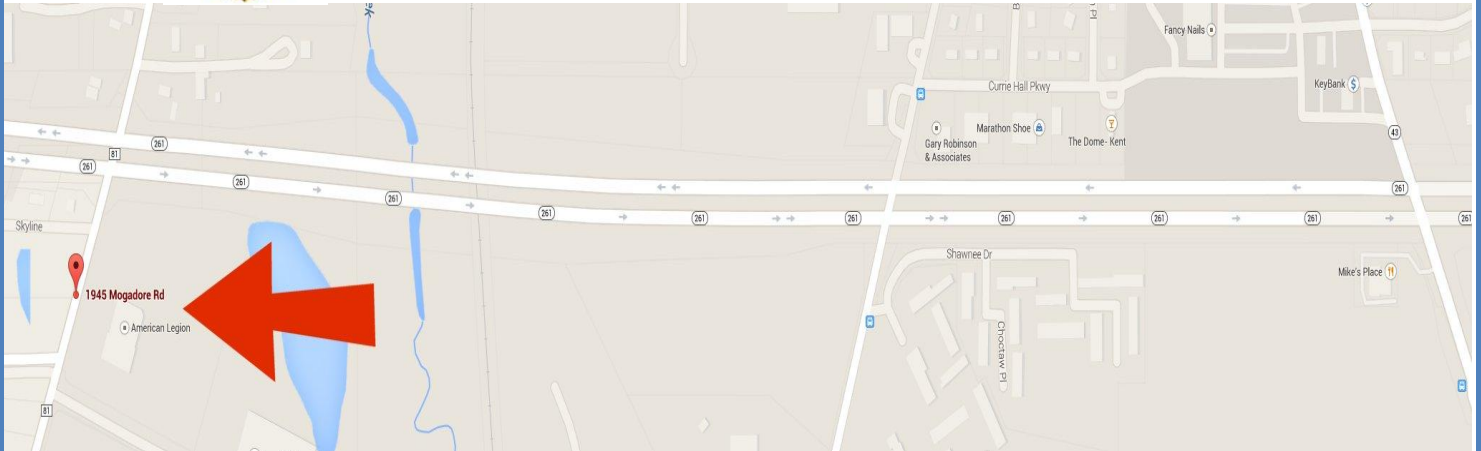


PCARS Meetings

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



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



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



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

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

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

Photos from the PCARS November Meeting



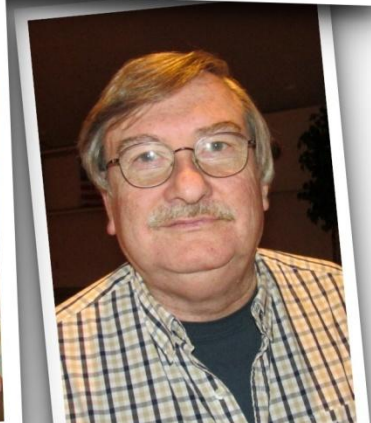
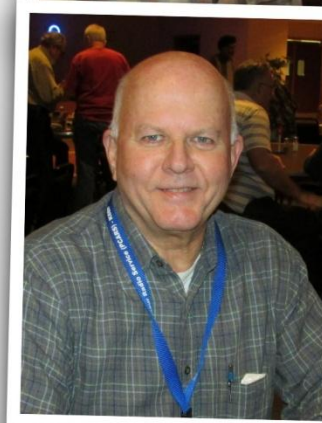
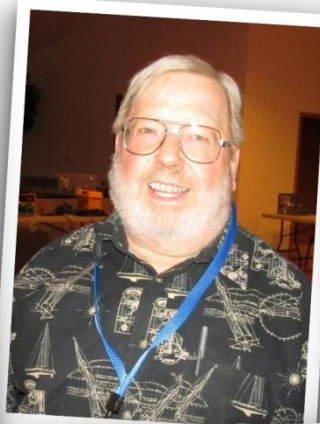
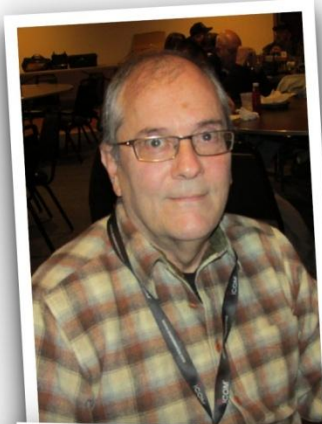
PCARS - November 12, 2018



PCARS - November 12, 2018



PCARS - November 12, 2018



PCARS - November 12, 2018



Portage County Amateur Radio Service, Inc. (PCARS)

Membership Application [] New [] Renewal

Name: _____ Call Sign: _____ License Class: _____

Address: _____

City: _____ State: _____ ZIP: _____

Phone: _____ E-Mail Address: _____

ARRL Member? [] Yes [] No ARRL Membership Expires Month: _____ Year: _____
Birthday: Month: _____ Day: _____ Year: _____

A \$5.00 initiation fee will be assessed in the first year of membership for all new members.

Membership year is Jan 1 - Dec 31. Dues are due no later than Jan 31st. **If you don't pay by 1/31 - you are no longer a member and you will have to pay the \$5.00 fee again plus dues per the schedule below.**

Dues are as follows: Example - Regular Member Pays on Jan 1st \$20 for entire year. If paid on June 1st, \$15 for entire year, etc.

Check One

Pro-Rated Dues Amount:

- | | | |
|--------------------------|--------------------------------------|--|
| <input type="checkbox"/> | Regular Full Membership | Pay January 1 through May 31= \$20.00 (full year)
Pay June 1 through August 31 = \$15.00 (last 7 months)
Pay September 1 through November 30 = \$10.00 (last 4 months)
Pay December 1 through December 31 = \$5.00 (last month) |
| <input type="checkbox"/> | Associate Membership | |
| <input type="checkbox"/> | Regular Senior Full Membership (65+) | Pay January 1 through May 31= \$16.00 (full year)
Pay June 1 through August 31 = \$12.00 (last 7 months)
Pay September 1 through November 30 = \$8.00 (last 4 months)
Pay December 1 through December 31 = \$4.00 (last month) |
| <input type="checkbox"/> | Associate Senior Membership (65+) | |
| <input type="checkbox"/> | Family* Member | Pay January 1 through May 31= \$10.00 (full year)
Pay June 1 through August 31 = \$8.00 (last 7 months)
Pay September 1 through November 30 = \$5.00 (last 4 months)
Pay December 1 through December 31 = \$3.00 (last month) |
| | Call Sign of Regular Member: | |

(*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). Life Membership is available - Contact the club Secretary

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

What are YOUR Ham Radio interests:

Signed: _____ Date: _____

Mail to: Portage County Amateur Radio Service, Inc.
c/o: Gene Marsh, W8NET
3561 Keswick Drive
Kent, OH 44240

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

Rev. 28 Sept 2018

From All of Us To All of You

Merry Christmas

WB8LCD	N8QE	WD8RAY	N8SY	WA2MNA
KB8UUZ	K8CAV	W8RID	KD8ZXD	KE8GSK
KB8VJL	K8SRR	K8STK	KD8ZXB	KE8HTL
W8KNO	WA8AR	KD8PBL	KD8ZSH	KE8IED
KB8SZI	NX8G	KD8ERY	N8GPS	W8AHC
KD8EPF	N8RLG	KD8DQT	N6JRL	KE8HNC
N8KBX	KD8ICP	WA4WGA	K8EUR	N8SKN
WB8VYW	KD8DFL	KD8RHW	KC8RKD	KE8BBI
W8PT	NT8K	W8Ezt	KE8BFA	WD8ICX
N6TL	K8AAB	KD8SKL	K8KSU	KD8YFU
KC8RJR	K3GP	KD8SIZ	WA8TSI	KB8ZWT
N4PKW	KD8JRE	WA8OHK	W5OV	W8NET
KB8TUY	KD8IUA	KD8SJB	K3LR	W0KGB
N4IT	WA8CCU	W8CYN	K1ZZ	KD8WHA
WB9LBI	W8SV	KD8SOP	WA8SAJ	KC3JXQ
KC8FQV	K8FS	Ellen	N1CJW	N8WCP
WB8OVQ	KC8YYS	AE8YL	KE8BWA	KE8GBL
WD8BIW	KD8VT	KD8WZS	Denise	N8FUM
N8FTP	N8HUC	K8MSH	K8SWJ	KD8JN
W8RJG	KB3OQV	KE8IEC	KD8WBC	Daniel
AB8IE	KB3GXB	KB8CLH	W8BBQ	W8YIH
N8WLE	NR8W	KA8OAT	W8GWI	K8HTB
N8PXW	K8DER	KD8UXJ	K8HYM	W8FSF
WD8DAU	G0BPS	AC8NT	KE8EGG	KE8KCJ
K8IV	KD8LIR	KD8UXG	KE8EGF	KE8JUZ
KD8EPG	KB8UHN	KB8VJO	KD8GYI	KE8JFP
KC8LJY	W8CDL	W8JFQ	KE8ELR	Marie
KD8EPA	KD8MQ	KD8WCK	KB8SK	NO8D
K8FEY	K8NYM	W8IFM	KE8EFW	KE8KBJ
WB2DFC	KD8LLN	KD8BBT	AC8XO	KA8OAD
KD8FLZ	KD8MLE	AC8PR	WA8US	KC8YSU
N8XTH	KD8NLQ	K8BBE	AB8YK	W3CDG
K8QF	KW8KW	AC8QG	K1LTZ	N3BSN
N8ATV	KD8CGH	KD8ZDZ	K8VOX	KE8HQB
N8GIE	WA8GCF	WV8P	N8NB	KE8KKW
KB8AMZ	KA8TOA	KD8YXH	AB8PW	WN8DHK
KD8FME	WA8OKR	N8BI	WA8UWV	
WX1DER	N8IL	N8QZ	KD8RUQ	
	KD8OBA			

DX Engineering Winter Sale Day

As you know, DX Engineering has been a *long time supporter* of PCARS in many ways. So, we encourage you to visit and shop at DX Engineering - often.

On January 19th DX Engineering will be having their Winter Sale Day. Stop in, tell them you belong to PCARS and thank them for their support. You may find a few bargains while there as well.

Winter Sale Day



Saturday, January 19th—9 am to Noon
Inside the Summit Racing Retail Store
1200 Southeast Ave., Tallmadge, OH

More Details at DXEngineering.com

**Huge Discounts
on Open-Box Products**

**Try Out the Latest
Ham Radio Equipment**

**Ken Dorsey, KA8OAD,
Presents Digital Mobile
Radio (DMR) at 10 am**

**Cory Gibson, W3CDG,
Presents Emergency
Communications at 10:45 am**

DX ENGINEERING®



PCARS K8BF

The Club that puts the FUN in Ham Radio!



Thanks & 73



Parky, KB8UUZ
PCARS Newsletter Editor



All of our members (and others) look forward to getting this newsletter every month, so keep sending those inputs! I'm sure PCARS is known as the **BIG FUN** amateur radio club with plenty of activities. So chip in and send your report in to keep this newsletter great all throughout 2019 and beyond.

To all a very Merry Christmas. I hope you are surrounded by family and friends if not in person, at least in your thoughts. Have a wonderful New Year and may your new year be better than ever. Be thankful for the ones that you are around and keep in mind the ones that are not with you. 73 - Parky

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

AC8NT, KB8UUZ, WB8LCD, KC3JXQ, WA8CCU, KA8TOA, W7VO, W8NET, W8PT, KB8AMZ, W8KNO, DX Engineering, Ham Hijinks, The ARRL and the World-Wide Web.

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



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

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

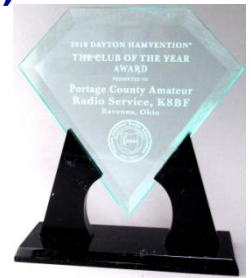


PCARS meets the second Monday of each month at the **Kent American Legion Post 496**, 1945 Mogadore Rd. - just South of Rt. 261 - enter the rear of the building for the meeting room.

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

PCARS uses the **K8IV** repeater: **146.895 MHz PL 118.8** in Sugar Bush Knolls ~ EchoLink Node: **K8SRR**

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



~ 2018 Officers ~		2018 PCARS Appointments & Committees	
President - Jim Wilson - AC8NT Vice President - Tony Romito - WA8AR Treasurer - Amy Leggiero - KD8SKL 3 Year Trustee - Ed Polack - K8IV 2 Year Trustee - Tom Parkinson - KB8UUZ 1 Year Trustee - Erica Pelz - AE8YL Past President - Rick Kruis - K8CAV	ARRL Awards - DXCC WAS, VUCC, WAC	W8KNO	Joe Wehner
	ARRL Awards - WAS	KB8UUZ	Tom Parkinson
	Club Site Manager/Liaison	K8CAV	Rick Kruis
	Contest Coordinator	W8PT	Chuck Patellis
	EchoLink & Web Guru	K8SRR	Steve Randlett
	Field Day Chairman, 2018	WA8AR	Tony Romito
	FYAO Chairman	W8PT	Chuck Patellis
	Historian	KB8SZI	Peggy Parkinson
	K8BF Callsign Trustee	K8FEY	Bob Hewett
	K8BF QSL Manager	K8FEY	Bob Hewett
	Membership Chairman	WB8LCD	Tom Sly
	Net Control Manager	KA8TOA	Greg Ash
	Net Night - Club Manager	WB8LCD	Tom Sly
~ Meetings & Net ~ 2nd Monday of each month. 7pm Thursday night Club Net at 8 pm on 146.895	Newsletter Editor	KB8UUZ	Tom Parkinson
	OSPOTA Chairman	KB8UUZ	Tom Parkinson
	Public Information Officer	WB8LCD	Tom Sly
	Secretary	W8NET	Gene Marsh
	Tech, Gen & Extra Class Manager	AC8NT	Jim Wilson
	Volunteer Examiner Liaison	KB8UUZ	Tom Parkinson
	Webmaster	KD8MQ	John Myers



**PCARS
Active
Volunteer
Examiner
Team
Members**

KB8UUZ	Tom Parkinson
WB8LCD	Tom Sly
N8XTH	Deron Boring
N8PXW	Jim Korenz
N8QE	Bob Hajdak
K8IV	Ed Polack
W8RID	Robert Davet
WA8CCU	Al Nagy
NR8W	Russ Williams
W8EZT	Frank Tompkins
AC8NT	Jim Wilson
K8MSH	Mark Haverstock
KA8TOA	Greg Ash
KB3GXB	Jennifer Williams
W8PT	Chuck Patellis



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

NLC



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