



The **RADIOGRAM**

When All Else Fails ~ Amateur Radio Works



November 2010 ~ Official Newsletter of the Portage County Amateur Radio Service, Inc. (PCARS) ~ Vol. 5 No. 11

~ 2010 Officers ~

President - Jim Aylward - KC8PD
 Vice President - Dave Rarrick - WB2DFC
 Treasurer - Bill Fraedrich - WB9LBI
 3 Year Trustee - Robert Gurney - N8RLG
 2 Year Trustee - Ed Pollack - N8EQJ
 1 Year Trustee - Chuck Patellis - W8PT

~ Meetings & Nets ~

2nd Monday of
 each month. 7pm
 Thursday nights
 Nets at 8 pm
 on 146.895

PCARS Incorporated
 Nov. 1, 2005

First Meeting
 Nov. 14, 2005



ARRL Affiliated
 April 20, 2006



**Special Services
 Club**
 March 22, 2010

President's Column

We are rapidly closing in on the fifth anniversary of the establishment of the Portage County Amateur Radio Service. What a busy five years it has been!

Those of us who have been actively involved in PCARS operations during that time may take for granted how things are done, since we have been busy doing them. But there are probably a number of club members who have joined in recent years who would appreciate a brief overview of the process.

PCARS is a non-profit corporation organized under Ohio law. It is a 501(c)(3) tax exempt organization pursuant to an IRS ruling, which means that donations to PCARS are tax deductible.

PCARS articles of incorporation and bylaws provide the basic outline for our operations which are managed by a board that consists of the officers, trustees and past president of the club. They are elected by the members of PCARS annually and may serve for up to three consecutive one year terms at a time. The Secretary is appointed by the President.

The board meets monthly to take care of the regular management of the club's operations and it maintains records of the meetings and any actions that it takes. At the regular club meeting the officers report to the members. One of the most frequent comments that I have heard from PCARS members about this process is how much they appreciate the club meetings not being bogged down in the details of club operations. The process has served the club well.

You might say that the operational philosophy of the founders has been to run PCARS more like a business rather than simply as a club. By that I mean we have always tried to treat club members as our "customers" and we want to be sure that they we are providing the "product" that they want and that they feel that they get a good value for their money. We figure that good value can be measured by how much ham radio fun they are having!

And we value what they tell us about what they want and expect from the club. PCARS cannot be all things to all hams, but that won't stop us from trying. Be sure to let the officers and board members know what you like or don't like about PCARS and give us your suggestions for improving the product. We want this to be the best club experience that you could hope for.

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Visit the PCARS Website at: <http://www.portcars.org>



From the President - Continued from Page 1



Jim, KC8PD

Achieving that does come at a bit of a price which is all of the work that it takes to make it happen. When meetings, activities and events come off effortlessly that just means that the behind the scenes efforts have paid off. Plus, many PCARS members have been great at donating their time and energy on the club site renovations and at Field Day and other events.

It is the club's members that make PCARS successful.

So let's all be thinking about the future of PCARS. It welcomes and attracts members from Northeast Ohio and beyond and, as a result, has been one of the fastest growing ham radio clubs in the nation, recognized by the ARRL for its achievements and growth.

PCARS' momentum can only be maintained if its members and leaders stay focused on delivering our product: ham radio fun and friendship. Help out whenever you can and please volunteer to take the lead for events and activities and consider being an officer or trustee. The future of your club is in your hands.

73,
Jim, KC8PD

From the Vice President

Calling All PCARS Members (CQ),

Well it appears October 2010 may have been one of the most exciting months at the club site. Radio classes have started, computers are up and running, radios are up and running, the bar is open and - THE TOWER IS UP !!!!!!! Complete with directional beam !!! Yaaaaa !! I can't tell you how great it feels to see the progress. The PCARS members as a team, are making it all happen.



Dave, WB2DFC

As the tower went up and coax connectors were installed, the search was on to find the most appropriate member to make the first ever contact with the directional antenna a-top the tower. Well the search was brief and Chuck, W8PT, declared the winner. He looked like a "kid in a candy store".

With the headphone/boom mic sitting upon his noggin, "The Chuck" proceeded to prowling the band. Many stations were heard, and I will let "The Chuck" tell you the stations he worked. To show

the significant improvement over the currently installed antennas, a station in Greece was heard well on the beam but nary a peep was heard on the vertical.



Again, I say "**Well Done**" to the tower team !

While installing the tower I did discover an installation of a different equipment type. It seems brother LBI (Bill, WB9LBI) is secretly operating a non-ham radio business. As Bill is a resilient man and a fierce competitor, he has taken on the likes of GE, Carrier, Westinghouse, etc. Look at the picture, maybe Bill can offer PCARS a price break next summer.



The dipole antenna project is coming together quickly - more than 15 members have sent their reservations. The dipole project is scheduled for November 13th, 2010 at 10:00 am. The cost should be less than \$20 bucks and can be built on the same day during the workshop. The location of the workshop will be either the PCARS Club Site or another location TBD based on availability, but it will be close by. I hope to see all of you there. Even if your not reserving an antenna, come on by and chew the rag.

And as I have not been around much lately I thought I would include a photo of the new dispatch center (where I feel like I'm living.. hi hi). It has been a career long desire of mine to bring the police and fire dispatch center out of the dark ages and it is finally here. We (all of the project people) squeezed a two year endeavor into a 4 month race to the finish line. Although many bugs are still lurking I consider the project a complete success. I expect to have a presentation ready for a club meeting sometime in the first half of 2011. And now for my work next project - a parking deck (only kidding).



And finally, the November PCARS Meeting holds special significance to all members. It is the time of year we nominate and elect club officers and trustees. Please do your part and vote, but more importantly, get involved, get very involved. It's your club and it will be what you invest in it.

My two years as VP have been just outstanding.... I hope all of you get to experience the same some time. With that I will sign off for now good radio-ing to all.

72/73,

Dave, WB2DFC



Center of Hope – Holiday Donation

PCARS members have become familiar with the Center of Hope as the site for a variety of our club activities including our bimonthly VE sessions. The Center has graciously opened its doors at no cost to PCARS for all of these events.

The Center of Hope was founded over ten years ago by the late Sister Jordan as a program of Family & Community Services, Inc. It provides hot meals and distributes food and home products to thousands of our county's less fortunate residents every year. F&CS is also the owner of the building that the houses the PCARS club station and has made that space available to us at essentially no cost. F&CS also allows PCARS to use the Community Room in its office building on Oakwood Street in Ravenna.



As the Fall ends and Winter approaches, the staff of the Center of Hope face the enormous task of trying to help brighten the Thanksgiving and Christmas holidays for the Center's clients. You can imagine how distressful it could be to not be able to provide a holiday meal for your family.

This is PCARS opportunity to return the favor to the Center. Let's assist the Center of Hope in meeting its goal of helping as many families as possible at Thanksgiving and Christmas. We are asking that all PCARS members who attend the November meeting make a donation of food or, even better, a financial contribution to the Center of Hope. Donations are tax deductible because the Center is part of a 501(c)(3) organization.

In addition, for the fifth year in a row the proceeds from the 50/50 raffle at the November meeting will be donated by PCARS to the Center of Hope.

Let's show how generous the spirit of amateur radio operators can be by offering our support to an organization that helps so many families in our community. In 2009 the total donation from PCARS and its members was over \$850.00! Let's try to exceed that this year. Any items or funds donated at a meeting will be delivered the next day to the Center of Hope.



Jim, KC8PD



Mark Your Calendars

On the calendar for upcoming meeting topics and activities are:



- November 1st - PCARS was incorporated in 2005.
- November 8th - **PCARS Meeting - Elections - and Two Programs:** One from KD8MLF and Todd Fisher about the Ravenna Arsenal (Camp Ravenna), the other program from KC8PD on the RACES participation in "Talon Shield" at Camp Ravenna in August.
- November 13th - **Make a 40 Meter Dipole** club project - 10 am - reservations for kits required.
- November 14th - PCARS held the first official meeting & elected the first officers in 2005.
- December 13th - **PCARS Christmas Party**
- **Coming in 2011:** Soundcard project - sometime early in 2011



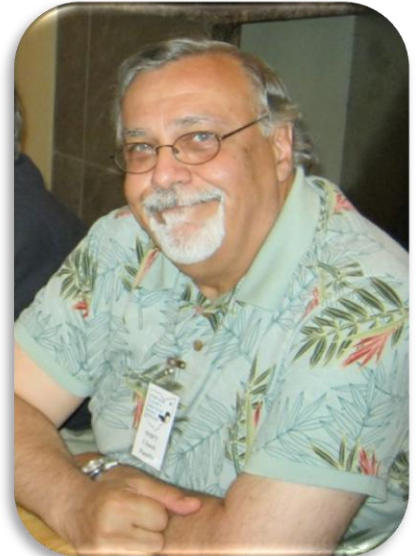
Charlie the Tuner's HF High Lites

Hello again from Charlie the Tuner. I hope that you have worked some gud DX this past month. If you have been to the club site, you will see an impressive new addition. It's a tower with a 4 element, 5 band yagi sitting on top. And take it from this old DX hound, it works. A good group of PCARS members showed up on a Saturday at 10:00 am and assembled the beam, got it on the tower and tilted the tower in place. We then went inside and Jim, KC8PD, our club president gave me the honor of getting the FT-1000 MP Mark 5 on the air and make the first contact. Well, I made the first three and two of them were.....what else, DX! QSO'd with a YL from Greece and then had a chat with a HAM from Brazil.

So when you are at the club site, make sure that you check out the FT 1000 and the new yagi addition.

There are a lot of things happening in November, DX wise, so let's see what interesting things I can entice you with in order to get you to get on the air and work DX.

I want to thank the following for the forecast reports for November and beyond: the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network (especially Tedd Mirgliotta – KB8NW for the following DX and IOTA information. Please remember that this report can contain some erroneous information due to the simple nature of bad info or busted call signs, so do yourself a favor and please adhere to the old adage of "Work First Worry Later" (WFWL).



Chuck, W8PT

DX PAPER CHASE – Yet Again Reminding: 4M200/YV200/YW200, VENEZUELA (Special Event). Look for several different stations to be active until December 31st, to celebrate the 200th anniversary of Venezuela's Independence. Some of the stations that have been active are:

- 4M200AJ - Operator Manuel; Activity mainly on PSK on 40/30/20/15/10m; QSL via YV5AJ.
- YV200D - Operator Paolo; Activity mainly on RTTY on 30m; QSL via YV1DIG.
- YW200A - Operator Alfredo; Activity on PSK and SSB on 20/15m; QSL via YV5SSF.
- YW200ER - Operator Elvis; Activity on SSB on 40/20/15m; QSL via YV8ER.
- YW200L - Operator Frank; Activity on RTTY and PSK, on 30/15m; QSL via YV5LI.
- YW200T - Operator Juan; Activity on SSB, RTTY and PSK, on 40/30/20/15m; QSL via YV5JBI.

A "Bicentenary of Venezuelan Independence Award" is available by working all the 6 special call sign: 4M200AJ, YV200D, YW200A, YW200ER, YW200L and YW200T. More information is expected to be available at:

<http://www.radioclubvenezolano.org/concurso.htm>

5X, UGANDA - G3X AQ, will be active as 5X1XA from Kampala between November 14th and December 1st. Activity will be CW only on the HF bands using 100 watts and small beam. Alan plans to be in the CQWW DX CW Contest (November 27-28th) as a Single-Op/Single-Band (possibly 20m) entry. QSL via G3SWH.

8P, BARBADOS – (Reminder) G0OPA, will be active as 8P9LJ Sept 12th and Nov 8th.

9Q5, DEM. REPUBLIC OF CONGO - CX2CC, is now active as 9Q5OAR from the City of Goma, near the Rwanda border and is there working for the United Nations for one year. He hopes to be active on CW (slow), SSB and the Digital modes. He is using a TS-430 transceiver into a Log Periodic or wire dipole. QSL via his home call sign CX2CC: Christian Cardarello, Avenida Italia 3319, CP11600 Montevideo, Uruguay, South America. QSLs will not be answered until his return in December 2011. Please, direct QSL send a SAE with 2 USDs or a new IRC.

BV100, TAIWAN. Members of the Republic of China (Taiwan) Centenary Foundation will be activating special event station BV100 between now and Dec 31st, 2011. Activity is to celebrate the 100th anniversary of the Republic of China (Taiwan). Ops will be on all bands/ modes. Complete details on a operating schedule and how to earn a BV100 award is available at: <http://www.bv100.tw/EN> QSL via BV2KI at: Bruce Yih, P.O.Box 84-609 Taipei, Taiwan 100

BX5, TAIWAN (AS-020) - BX5AA, from Changhua City, Taiwan (WLOTA 0022), will be active during the CQWW DX SSB Contest (October 30-31st) as a Single-Op/All-Band/High-Power entry. Jimmy states that BX5 is a rare prefix for Taiwan (CQ 24). QSL via BX5AA, direct (see QRZ.com). Visit his Web page at: <http://blog.yam.com/bx5aa>

CG3, CANADA (Special Event) - Operators of the Canadian Coast Guard Station/VBA (VE3VBA) will activate the special call sign CG3MUG during the month of November. Activity is to celebrate the 100th anniversary of "Thunder Bay MCTS Centre (Canadian Coast Guard Radio Station)" located at the western end of Lake Superior. They plan to be active on VHF and HF bands using CW, SSB, PSK, RTTY and FM, as well as VoIP (CQ100) and perhaps other Digital modes. There will be several options for amateur radio stations and SWLers to obtain a special 100th anniversary CG3MUG QSL card (a certificate may also be designed). As it gets closer to the event, and they make the final preparations, they will update the CG3MUG listing on the QRZ.com.

CQ DX MARATHON (Update) - K9EL, DX Marathon Administrator, reports on October 16th: "As recently announced by CQ Magazine, Competitors in the 2010 CQ DX Marathon will have a unique 'double-dip' opportunity in working the islands of the Netherlands Antilles for Marathon points. Those who worked any of the islands before 10/10/10, get credit for either the Windward or Leeward Islands, as appropriate. Hams who work them again on or after 10/10/10 will get additional credit for the new entities, providing a maximum of six country credits for working the islands in 2010. Version 2010.2 of the DX Marathon score sheet that incorporates the four new PJ countries is now available on the DX Marathon. Web site at: <http://www.dxmarathon.com> Instructions to convert version to 2010.1 to the new 2010.2 are available on the Web site. However, participants can also send their existing score sheet to scores@dxmarathon.com and we will convert it and send it back to you."

DXCC NEWS – In addition to the above, NC1L, Awards Branch Manager, reports: "This information is provided, in advance, to those who use the DXCC assigned country/entity codes for programming software: These are what will be the DXCC assigned country codes for the new entities once they are entered into the DXCC system:

517 – Curacao 518 – Sint Maarten 519 – Saba and St. Eustatius 520 - Bonaire

Note, the country codes for what will be the deleted entities will not change, they will just be flagged as deleted entities. Online, the only place where these codes are posted is in the text version of the DXCC list. Once we officially add the new entities to the DXCC software this list will then be updated to show the official changes to the DXCC list."

E51, SOUTH COOK ISLANDS – Reminder N7OU, informs that he is once again returning to Rarotonga (OC-013), and will be active as E51NOU between October 18th and November 13th. Activity will be limited to his spare time because of his Global Volunteer work on the island. <http://www.globalvolunteers.org/cook/default.asp>
http://www.globalvolunteers.org/1main/cook/volunteer_in_cook_islands.htm Operations will be on 40-10 meters running 100 watts into a vertical. QSL via N7OU.

EY, TAJIKISTAN - EY8MM, from Dushanbe, will be active during the CQWW DX CW Contest (November 27-28th) as a Single-Op/Single-Band (160 or 80m) entry. QSL K1BV via direct, by the Bureau or LoTW.

IOTA News

AF-018 - IK1QBT, will be active as IG9/IK1QBT from Pantelleria Island (IIA TP-001) between November 23-30th. Activity will also include the CQWW DX CW Contest (November 27-28th) as Single-Op/Single-Band (80m) entry and signing as IH9X. QSL via IK1QBT, by the Bureau or direct (see QRZ.com).

AS-133. Operators XU7KOH, XU7AJV, XU7ADV and XU7ACY/NO2R will activate Russei Koh Island, Cambodia, between November 6-9th. Call sign to be used is XU7KOH. Activity will be on the HF bands. QSL via ON7PP.

KH9, WAKE ISLAND – (Reminder) WA2YUN, will once again be active as KH9/WA2YUN from Wake Island (OC-053, USI OI-012S, WLOTA LH-2293) for about one year while on work assignment. Activity will be limited to his spare time. QSL via K2PF.

Other DX News

R1, ANTARCTICA (Reminder)- RW1AI (ex-UA1AFM), currently active as R1ANP from the Progress Antarctic station, is planning to activate the Chinese Zhongshan Antarctic Base for the first time ever. Look for R1ANP/A from Zhongshan station in Oct & Nov. 100 watts into vertical antenna. If you would like to see pictures of the base, visit the French Polar Team's Web site at: http://www.french-polar-team.fr/BY_Chinese_Stations_Antarctica.php

VK9N, NORFOLK ISLAND (Update/Change). After their ops from ZK2A (see ZK2 listed below), ops Andrea, IK1PMR, YL Claudia, PA3LEO, Al, LA9SN, Doug, N6TQS and possibly others will be active from here between Dec 5-19th. Plans of activity should/probably be the same as their operation from ZK2A. QSL via PA3LEO.

VK0M, MACQUARIE ISLAND - (Reminder) Reports indicate that Kevin, VK4KEV, is expected to be operating as VK0KEV from Macquarie Island (AN-005) sometime between the end of Oct and beginning of Dec 2010 for possibly up to 18 months. Activity will be mostly on 40 and 20 m using SSB and the Digital modes. Presently, Kevin is operating as VK4KEV/VK7, in Hobart, Tasmania.

VP2M, MONTSERRAT. Operators K3VX (VP2MVX), K9FO (VP2MFO), K9NR (VP2MNR), K9CS (VP2MSC) and K9OWQ (VP2MWP) will be active from here between Nov 22nd and Dec 6th. Activity includes entries in the CQWW DX CW Contest (Nov 27-28th) and ARRL160 Contest (Dec 3-5th) as a Multi-2 class signing VP2M. Activity outside the contests will be on 160-10 m, mostly CW but some SSB, RTTY & PSK. QSL all call signs via K9CS.

VY0, CANADA - N3SL, says "The Bret Favre of ham radio is back! " Jay "J", VY1JA, has obtained permission (from the Canadian Forces CFS Alert) to set up a station at his work assignment in the Nunavut territory and will be active as VY0JA between Oct 6th and Nov 9th. He will be taking a FT-990 and wire antennas, and activity will be barefoot on CW (preferred) and perhaps some RTTY and SSB. "J" has updated his QRZ.com page to indicate the new QTH, which is the northernmost permanently inhabited site on Earth. Also, he'll be in the California QSO Party (Oct 2-3) as VY1JA to test the equipment before he leaves for Nunavut. He says that once this VY0 operation is over, he'll be "back into retirement" vis-a-vis ham radio. "(Go Bret!)" QSL both call sign via N3SL (JA ONLY to JA3JM).

ZK2, NIUE (Update/Change). Look for 5 operators to be active as ZK2A between November 20th and December 3rd. Operators mentioned are: Andrea/IK1PMR, YL Claudia/PA3LEO, Al/LA9SN, Doug/N6TQS, Alan/K6SRZ, and possibly Tom/SP5UAF. Activity will be focused on Europe, 160-40 meters, 30/17/12 meters, CW and RTTY using four Elecraft with solid state amps with RX antennas. This is a lightweight DXpedition. They will try to limit their extra baggage expenses. To achieve this (and for efficiency and reliability too) they will mainly use wire antennas. QSL via PA3LEO. A Web site is now available at: <http://www.pacificdxpedition.com/index.php?s=intro> ADDED NOTE: Operators of this operation will go on to operate from Norfolk Island; see VK9N listed above.

As you can see, there are several interesting things happening in November from various parts of the world. Get on the air and work some DX. Get the bug and HAVE BIG FUN! 73 es gud DX.

Chuck, W8PT
aka 'Charlie the Tuner'



PCARS Yahoo Site

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/>.



DX Code of Conduct

- I will listen, and listen, and then listen some more.
- I will only call if I can copy the DX station properly.
- I will not trust the cluster and will be sure of the DX station's call sign before calling.
- I will not interfere with the DX station nor anyone calling him and will never tune up on the DX frequency or in the QSX slot.
- I will wait for the DX station to end a contact before I call him.
- I will always send my full call sign.
- I will call and then listen for a reasonable interval. I will not call continuously.
- I will not transmit when the DX operator calls another call sign, not mine.
- I will not transmit when the DX operator queries a call sign not like mine.
- I will not transmit when the DX station calls other geographic areas than mine.
- When the DX operator calls me, I will not repeat my call sign unless I think he has copied it incorrectly.
- I will be thankful if and when I do make a contact.
- I will respect my fellow hams and conduct myself so as to earn their respect

Hamfests

10/31/2010 - Massillon Amateur Radio Club - Massillon Boy's & Girl's Club - 730 Duncan St. SW - Massillon, OH 44646 - Website: <http://www.marcradio.org> - Contact: Terry Russ , N8ATZ - 3420 Briardale Dr. NW - Massillon, OH 44646 - Phone: 330-837-3091 -Email: truss@sssnnet.com

01/30/2011 - Tusco ARC Hamfest - Wallick Auction House - 965 North Wooster Avenue - Strasburg , OH 44680 - Sponsor: Tusco Amateur Radio Club - <http://www.tuscoarc.org> - Public Contact: Kyle Quillen , KD8HDJ - 518 Fair Avenue NW - New Philadelphia, OH 44663 - Phone: 330-204-0944 - Email: hamfest@tuscoarc.org

02/06/2011 - Winter Hamfest - Gargus Hall - 1965 N. Ridge Rd - Lorain, OH - Sponsor: Northern Ohio Amateur Radio Society - <http://www.NOARS.net> - Public Contact: Thomas Porter, W8KYZ - 161 Herrmann Dr., Avon Lake, OH 44012 - Phone: 440-930-9115 - Email: tporter161@oh.rr.com

02/13/2011 - Mid-Winter Hamfest - Richland County Fairgrounds - 750 Home Rd. North - Mansfield, OH 44901 - Sponsor: Intercity Amateur Radio Club - <http://www.w8we.org> - Public Contact: Danny Bailey , KB8STK - 70 Euclid Shiloh, OH 44878 - Phone: 419-896-3603 - Email: kb8stk1@hotmail.com

PCARS Christmas Party - 2010

Mark your calendars for Monday, December 13, the regular PCARS meeting night. Our traditional PCARS Christmas Party will once again be held at Paradise Lakes Golf & Banquet Center located at 1900 Randolph Rd. in Mogador.

We'll have a buffet dinner, a cash bar and the gift exchange.

Our Christmas Party has always been a good time to meet with not only your fellow hams, but their spouses and children as well. It's a good opportunity to include the family and let them see first hand what a great group of people make up the PCARS membership!



The cost this year will be \$25 per person (\$12.50 for children 6-12 and under 6 will be free) and will include the dinner, dessert, coffee or soft drinks, tax, gratuity, entertainment and all the fun you care to have. We'll again have a gift exchange for everyone present. More specific details will be given as we get a bit closer to the time - watch for an email.

Tom, WB8LCD

Happy Birthday PCARS Members

PCARS members having a birthday in November:

K8BF	PCARS
N8ATV	Jerry Jarze
KD8EZJ	William Garrett
KD8JRJ	Phil McCoy
K3GP	George Proudfoot
WA8CCU	Al Nagy
KB3OQV	Kristen Andrews
KD8GGZ	Mary Jo Loveland
KB8UUZ	Tom Parkinson

W8RID	Bob Davet
K8FEY	Bob Hewett
KC8SYD	Ted Kost
N8WLE	Nick Rothermel
AB8VX	James Bailey
K8STK	Tom Creech
AF1K	Rich Kuster
KD8OFH	Shawn Lawrence

Five Years and Growing

Turn back the clock five years - Fall 2005 - Ground work and preliminary meetings were held and paperwork had been filed with the state to incorporate the club. November 14th - the first official PCARS meeting was held at Mike's Place in Kent. There, the founding members paid their dues, nominated and elected the first officers and approved the club constitution, logo, and other items to get the club underway. Following the meeting, our first roster was written up - we started out with just 9 members:



Portage County Amateur Radio Service, Inc. - 2005 Club Roster						
Last Update: 14 November 2005						
Call	First Name	Last Name	Date Paid	ARRL Date	Class	#
WB8LCD	Thomas	Sly	11/14/05	Sep 06	G	1
KC8PD	Jim	Aylward	11/14/05	2007	E	2
KB8UUZ	Tom	Parkinson	11/05/05	Life	E	3
KB8VJL	Alan	Atkins Sr.	11/14/05	Jun 06	E	4
W8KNO	Joseph	Wehner	11/14/05	Mar 06	E	5
KB8DPN	Russell	Anderson Sr.	11/14/05	no	E	6
KB8SZI	Peggy	Parkinson	11/05/05	Life	G	7
---	Rena	Martin-Wehner	11/14/05	no	-	8
N8KBX	Bob	Magree	11/14/05	Feb 07	T	9
7 ARRL Members, 1 Non ARRL, 1 Associate Member						

(Note: The dues for KB8UUZ & KB8SZI were paid 9 days before we officially started so I could open a checking account for PCARS.)

Today - Look at the PCARS roster now. Member number **185** was just recently issued and we're still growing! Look back at the newsletters, the annual DVD/CDs and you'll see we have come a long way. And you know what? The best has yet to come.

We have a great cadre of members dedicated to having FUN with amateur radio. Look at the club site - wow! Look at all the activities - busy!

We keep outgrowing places to have our monthly meetings - between 60 and 80 people show up for a meeting!! Amateur Radio is alive and well in Portage County thanks to all of **YOU!** Stay involved, support PCARS and most of all - Have Fun!

Tom, KB8UUZ

PCARS VE Test Sessions

PCARS VE sessions are scheduled for the first Saturday of every even numbered month.

December 4. In 2011: February 5 - April 2 - June 4



VE sessions for Technician, General & Amateur Extra start at 10:00 am at the **Center of Hope**: 1034 West Main St. in Ravenna. Walk-ins are always welcome. Please bring your original FCC license, a copy of your FCC license, your FRN number if you are already licensed or registered with the FCC (or your SSN number if you're not registered), your original CSCE (if you have one), a copy of your CSCE (if you have one), a photo ID, and \$15.00 in cash or a check for \$15.00 made out to "ARRL-VEC". We look forward to seeing you there!!!!

Jim, KC8PD
PCARS VE Team Liaison

Living On the Edge

With the big CQ World Wide SSB Contest coming up and the 40 meter band allocations having evolved rapidly over the past couple of years, it's worth taking a few minutes to review some do's and don'ts, particularly for US operators.

First, the lower edge of the US phone band is 7.125 MHz - not 7.100 MHz. The requirement is for you to keep your signal above 7.125 - all of it. If you are using LSB, the frequency display of your radio shows the carrier frequency and that has to be high enough that the sidebands of your signal are all inside the phone band. What does that mean? According to the FCC in Part 97.3a, everything stronger than 26 dB below the mean power of the signal counts as the signal's bandwidth.

Make sure your signal is clean and that the rig's displayed frequency of your carrier is far enough from the edge of the band to stay legal!

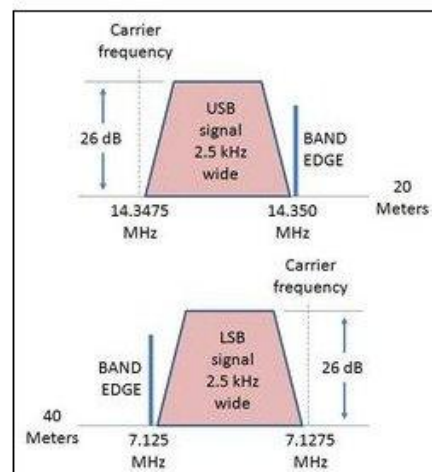
Without getting into a huge derivation of carrier suppression and the effects on bandwidth of audio and RF compression and distortion, let's just say that you should tune no lower than 7.1275 or 7.128 MHz to be sure of "coloring inside the lines." I'm sure some enterprising contest station outside the US will set up shop with a carrier frequency of 7.125 MHz, but just don't call them. If you have a connection to the spotting network, you can always post a spot that says, "XYØZZ 7.125 Not Legal for US Phone Band" and perhaps they (and those calling) will see it and move.

A similar problem over the past couple of years has been stations at the top end of 20 meters with their USB carrier frequency above 14.3475 - you're out of the band, folks! Again, just don't call them - these are not the usual frequencies for rare stations.

Another "gotcha" is caused by jumping to that freshly posted spot and giving your call without looking closely at the frequency. DX stations can operate well below 7.125 MHz, 14.150 MHz, and 21.200 MHz - don't call them there! In every contest, you can hear a steady stream of US stations well outside the US band who should know better. If you can program your radios not to transmit outside the US segments or set up your spotting network filters or logging program not to tempt you with out-of-band spots, do so. That way, in the heat of battle, you won't make a mistake. Or be tempted to "make a mistake."

Finally, before sending in your log - make sure it states the right category for your entry. If you receive ANY spots from the spotting networks by any means, you must enter in the Single-Operator, Assisted category (SOA). Most logging programs now automatically connect to the Internet and then to a spotting network, so you have to disable that feature if you are going to enter Single-Operator.

As you get ready for radiosport's Big One, remember to play nice. Have fun, definitely, but be sure to set good examples for good operating and clean signals. The world does listen - especially when you're living on the edge!



Make sure your signal is clean and that the rig's displayed frequency of your carrier is far enough from the edge of the band to stay legal!

EmComm

The process continues for Portage County RACES unit to become more fully integrated into the operations of the Portage County Office of Homeland Security and Emergency Management (EMA). Jon Barber, EMA Director, and John Mason, EMA Assistant Director, have implemented procedures to include RACES members as the support staff whenever the EMA's Mobile Command Post (MCP) is deployed.

The MCP is used to coordinate public safety communications and provide field support to first responders. Most PCARS members are familiar with that vehicle which has become a regular part of our Field Day activities.

The EMA staff recognize that the technical and communication skills of the RACES volunteers can be used for more than just traditional amateur radio operations. RACES members are training on the use and operation of the MCP and developing an operations manual for it.



The EMA has now also provided RACES with 24/7 access to both the Emergency Operations Center and the EMA garage where the MCP is stored. This is a real vote of confidence by the EMA for the integrity and dependability of the RACES member.

In other RACES news, Mike DiCarro, KD8FLZ, has been appointed as a RACES Deputy Radio Officer. Rick Kruis, K8CAV, will be leading the effort to establish local digital communications for RACES. Robert Gurney, N8RLG, gave a presentation on "Psychological First Aid" at the October RACES meeting.



Membership in Portage County RACES is open to all hams. Where you live is not an issue. Instead, what is important to RACES is that you have a commitment to emergency communications and a willingness to develop and advance your skills while working within a team of dedicated volunteers.

On the Ohio ARES side things have taken a bit of a different turn. This month the Ohio Section ARES leadership announced a policy that, generally speaking, requires hams to get special permission to participate in ARES in a county other than the one in which they reside.

Ostensibly, this new policy was adopted to ensure that the number of ARES volunteers is not overstated by having one ham listed as an ARES volunteer on the rosters of two or more counties. There is no indication that this had actually been a problem or that the ARRL had any concerns about it. Be that as it may, this was still the rationale advanced by the section leadership.

Apparently if you want to be an ARES volunteer in more than one county your DEC has to personally authorize your participation in the additional county. In that county you will be on a "secondary-tier call out" list. Their theory is that if volunteers are needed from other counties they will be on standby in their home county waiting for their EC to deploy them.

Of course no standardized policies have been adopted to ensure the qualifications, skills or training of such deployed volunteers so they will be mostly unknown quantities when they report for service. If you want a copy of this policy, please let me know.

As always, if you would like to get involved in RACES, MARS or ARES please contact me for more information.

73,

Jim, KC8PD

**Radio Officer, Portage County EMA/RACES
EC, ARES® of Portage County
Emergency Operations Officer, Ohio Army MARS**

Daylight Savings Time Ends - Sunday - Nov 7th

Remember that old saying: 'Spring forward, Fall back'. That means we turn our clocks BACK.

However, UTC time does not change, WE change from EDT to EST (Eastern Daylight Time & Eastern Standard Time).

So what does that mean to us as hams? The difference between EST and UTC will be 5 hours. So, at 2 pm EST (or 1400 EST), it will be 7 pm UTC (or 1900 UTC).

Make sure your clocks are fixed and most important, make sure your computer is properly updated. If you get into a contest or make a contact and log it an hour off, you will most likely not get credit for it in the contest, and that DX guy will ignore your request for a QSL if you are that far off, too.



Paper Chase - G8 Award

Work all of the G8 countries - Canada, France, Germany, Italy, Japan, Russia, United States and United

Kingdom in one calendar year. The award is designed to display a larger image of the flag of the country holding the presidency of the G8 Organization in that respective year. The award started in 2005 with the United Kingdom holding the presidency, and followed in 2006 with Russia.



Since the presidency of the G8 changes on an annual basis, the award available each year will reflect the year in which you apply. The award will be issued in years showing the presidency as follows: 2006 Russia, 2007 Germany, 2008 Japan, 2009 Italy, 2010 Italy, 2011 France, 2012 United States, and 2013 United Kingdom.

The cost of the certificate is \$8.00 US and complete information for applying can be found at www.g-eight-award.co.uk.

Hope to hear you in the pile-ups!

Joe, W8KNO

Having A Ham As A Pet

The pet Ham is one of the most intelligent of pets, often seeming almost human. But, he can also be one of the most difficult to keep. Only a person with a great deal of patience and understanding should attempt to keep a pet Ham. The following is a short guide to some of the most important things that you should know about caring for your pet Ham.

LIVING AREA:

Your pet Ham should have a private area of his own, an entire room, if possible, where he will not be disturbed. He will spend many happy hours alone there, with his collection of treasures (boxes, power cables, soldering, and test equipment, computer programs, QSL cards, logbooks, manuals, hamfest calendars, antennas, new and used gear, etc.) that he will bring home regularly. He should be encouraged to confine his activities to this nest room, in order to protect the rest of the house from his natural tendencies toward noise, clutter, and making holes in the walls.

EXPENSES:

Raising your pet Ham can turn into an expensive hobby. But, unlike most pets, the pet Ham can be trained to work outside the home for short periods, and thus, bring in enough money to cover all of his expenses.

FEEDING:

The well behaved pet Ham will be able to eat with the family on occasion. But, he usually feels more comfortable and secure, if he can take many of his meals in the privacy of his nest room. It will be your responsibility to see that your pet Ham is kept well supplied with food and drinks during the long periods of time that he will spend alone in the nest room.

HOUSEKEEPING:

Pet Hams can usually be trained to use the family bathroom facilities.

OBEDIENCE TRAINING:

Most pet Hams can be trained to respond to a few simple commands. The easiest for him are SPEAK, SIT, READ, TYPE, LISTEN, and SEND. Once your pet Ham has learned these commands, he will sometimes practice them on his own for hours at a time.

HEALTH CARE:

The pet Ham is especially subject to minor irritations of the lower back, and tired wrist; from too much sitting and typing. Wrist problems can be aggravated with too much work with a keyer. He also may suffer from tired and hurting eyes, depending on his age and monitor. A sore throat or loss of voice can occur from too much speaking. All of these can be relieved by sufficient rest periods when symptoms flare up.

TRAVELING:

Your pet Ham will gladly travel with you in the family car, if he is allowed to bring some of the collection from his nest room. His favorite trips will be to places and events where he can associate with other pet Hams from other families.

BREEDING:

If you plan to breed your pet Ham, you should do so as early as possible after you get him. As the pet Ham matures, he becomes more and more reluctant to engage in any activities not connected with his nest room collection!!

Fred, KK5AA

From the February 1998 issue of "Wavelengths", the monthly newsletter of the Arkansas Radio Emergency Services Amateur Radio Club, Little Rock, Arkansas. The Wavelengths editor at that time was Fred Hunt, KK5AA. While the club is still in existence, a newsletter is no longer published.

PCARS member *Daryl, AE5WX* sent this in.



Ohio Section Conference

Once again I traveled to Columbus for the Ohio Section Conference. This year my traveling companion was Jenny, KD8LIR. I won't try to name names, but there were at least 8 – 10 other PCARS members in attendance. Thank you for supporting the Ohio Section! All in all, it appeared to me that the overall attendance was up about 25-30% over the past couple of years.

Newly elected Ohio Section Manager Frank Piper, KI8GW, made the opening remarks and welcomed everyone to the conference. Among his comments was the announcement that the Affiliated Clubs Coordinator (ACC) and the Section Technical Coordinator (TC) had resigned their positions and he would be looking for replacements. He also noted that Dave Maynard, WA3EZN, was the new Section Traffic Manager who replaced John Tipka, W8UL, effective 10/1. Accolades were given to John, W8UL, for his performance as Traffic Manager for the section.



**Some of the PCARS people present
Russ, Robert, Tom, Jennifer, Bob**



Tom, WB8LCD speaking to the crowd

The first presentation of the morning was given by Tom Sly, WB8LCD, on the topic of running a successful club program. (I feel like it was well received and I enjoyed doing it!)



Tom, WB8LCD

The next presentation was given by Official Observer Rick Swain, KK8O, on the topic of digital interference. Quite the opposite of what I had anticipated, the talk was about not interfering with digital communications, being aware of where their operations take place in the bands and what the signals sound like. Rick *always* gives an interesting presentation and you should look for opportunities to hear him speak as you will always come away knowing something you didn't before.

Next up was a presentation by Art, WA8RMC, on Digital ATV in the Columbus area. It was an interesting talk about a segment of the hobby most of us don't get to participate in. Very impressive.

The last presentation before lunch given by Nick Pitner, K8NAP, was an update on the legislative efforts to pass the Ohio PRB-1 type legislation. Given the lame duck session that will finish out the year in Ohio, if we can make enough “noise” we stand a better than average chance of getting the measure passed into law. If you have not yet sent letters to your state senator and state representative – please do it now! Sample letters can be found at www.arrl-ohio.org. Both Nick and OSM Frank have worked very hard on this project over the last couple years and I urge you to support their efforts by sending those letters. Thank you for your support!

Next on the agenda was the traditional Pizza Lunch. There was plenty of good food, and opportunity to mingle and talk with the other OH hams in attendance. Unfortunately I had to leave after lunch to get home in time for a wedding, so this will end my observations of the conference.



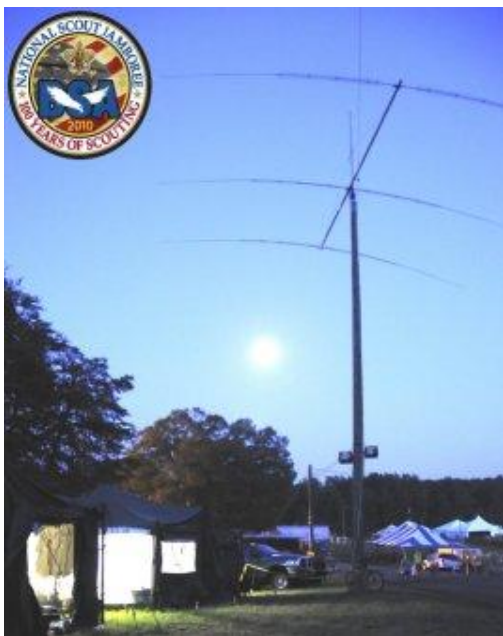
Robert, N8RLG listens

Although I could not witness it first hand, after lunch the Allen Severson, AB8P, Memorial Award was presented to John Tipka, W8UL. “The Allan Severson, AB8P, Memorial Award is bestowed on an amateur radio operator in the Ohio Section who has demonstrated a continuing dedication to the advancement of amateur radio and to the Ohio Section. Usually one Ohio Section member is awarded per year and usually at the Ohio Section Conference in September.” Congratulations to John, who is certainly deserving of this distinction!

Tom, WB8LCD

2010 National Boy Scout Jamboree

The Boy Scouts of America held its National Scout Jamboree at Fort A.P. Hill, just south of Fredericksburg, VA from July 26 thru Aug 4. I was fortunate enough to attend. Having gotten addicted to scouting as a boy, this was my seventh Jamboree serving on staff (For 2010, I was the Jamboree Transportation Operations Manager). The Boy Scouts celebrated their 100th anniversary during 2010 and the Jamboree was the highlight with over 40,000 scouts and leaders attending the nine day event. Jamborees are a gathering of scouts from all 50 states plus many foreign countries. They are usually held every four years, but this was delayed a year to celebrate the BSA Centennial. Jamborees have been held in the US since 1937.



Fort A. P. Hill has been used since 1981 as the Jamboree site. This would be the last Jamboree held at Fort A. P. Hill since the Boy Scouts are developing their own site near Beckley, West Virginia for the next one in 2013.

Overnight, Jamboree City became one of Virginia’s largest cities, with 32,000 scouts arriving in one day and setting up their campsites that would house them for the next 9 days. An unbelievable infrastructure was in place to be able to provide food, health, safety and fun to scouts who are 14 to 18 years old.

NATIONAL SCOUT JAMBOREE 2010					
* 100 YEARS OF SCOUTING *					
K2BSA					
17th National Jamboree Fort A. P. Hill, Virginia July 26 through August 4, 2010 Celebrating the Adventure—Continuing the Journey 100 Years of Scouting					
Confirming QSO with: <i>AB8YN</i>					
Date	UTC	MHz	Report	2 Way Mode	
7-30-10	1730	144	59	FM	

Ham Radio has been a part of Boy Scout Jamborees since 1973. I was not a part of the Ham Radio booth, K2BSA, but I did make a contact and stop in. The K2BSA staff was composed of volunteers from many states and professions. They had established an all band base station for the Scouts to see and talk on. Two meter nets were held nightly as well as HF stations on the air for almost 23 hours a day. License classes were conducted daily for the Technician license with VE testing held every evening.



Ray, AB8YN

The scout that slept on the bunk above me was interested in seeing if he might learn something and someday earn a ham license. He was from California and all his friends in his Jeep Club had 2 meter radios which they keep in contact with when camping. Everyday, classes were held in the K2BSA tent, the class was 7 hours plus the exam. He left early in the morning to make it over to the K2BSA tent and see if he could sit in on the class and get an idea. I saw him later, well after dinner, with a big grin and waving his certification paper. He had passed and was shocked he could do it. This would be a real prize for him, to attend the Centennial Jamboree and return home with more

than just great memories, but a Ham License, too!

Ray, AB8YN

PCARS Triplexer Project - Part 3 of 3

This completes this part of the project.

Here is the final Triplexer ready to be used.



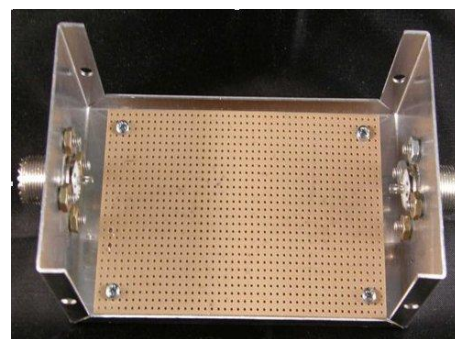
Allan, AB8AA

PCARS Band Pass Project - Part 1

This part of the project is the companion Band Pass Filters.

They are built into a 2-1/8 X 3 X 5-1/4 (HWD) boxes. There are 2 SO-239's mounted in each end of the boxes.

There is a 4-7/16 X 2-3/4 Perf board mounted to the bottom. This will hold the four coils and the capacitors.



Here are three of the four coils for the BP filters

73,
Allan, AB8AA

PCARS Antenna Farm

On Saturday, October 23rd, the PCARS Tower Team completed the installation of the tower and beam antenna. With that, the club now has three HF antennas on site: the Mosley MP-33 beam, the Hustler 5BTV vertical, and the Buckmaster off-center fed dipole. This should be a great combination that covers all of the HF bands with a variety of antennas that will enable us to have three stations on the air simultaneously.



The Tower Team project took about three months from start to finish. Initially the team had to plot a course of action, divide up tasks, and set a timeline for completion. After that the team met nearly every week to keep on schedule. The tower, base and rotor (donated by Bob, K8AAB) had to be refinished and overhauled. Mounting plates for the rotor and thrust bearing needed to be fabricated and fastened to the tower and the tilt base and wall bracket needed to be installed. Only then could the antenna (donated by Chuck, W8PT) be assembled.



The original plan had been to excavate and then pour a concrete foundation for the tilt base. After discovering that there was about a ten inch base of concrete under the three inches of asphalt, Plan "B" was implemented and holes were drilled for the mounting bolts that were secured with epoxy. The wall bracket is supported on the interior with a steel plate. Thirty feet of tower plus the fifteen foot mast were sufficient to get the beam up higher than the roof of the main office building without the need for any guying.



Under the watchful eye of Chuck the beam was assembled outside the garage and then carried very carefully around the building to the tower. The dipole was dropped and then relocated so the tower would clear it. Once the beam was mounted to the mast the tower was tilted up by both a team on the ground that walked it up while a crew on the roof pulled with a rope. Once it was bolted to the bracket Chuck lit up his victory cigar.



The beam was aimed north to line up the rotor while the coax and control cable were routed into the building. Then the beam was connected to the FT-1000 and Chuck had the honor of putting it on the air, promptly working a station in Greece, home to Chuck's ancestors. Truly a fitting end to the day.



With apologies to anyone who I might overlook in this list, thanks to all of the Tower Team members and other participants: Tom, WB8LCD, Russ, KD8LDY, Rick, K8CAV, Tony, KD8GGB, Mike, KB8TUY, Mike, KC8UNR, Dave, WB2DFC, Al, WA8CCU, Deron, N8XTH, Chuck, W8PT, Sandy, KD8JCY, Al, KB8VJL, Ray, WD8RAY, Al, AB8AA, Gene, W8NET, and Ed, N8EQJ.



A very special PCARS thanks to Mike, KD8FLZ, who was relentless in helping to keep the project on task. He never missed a team work date and took the time on his own to take care of all the detail work. His commitment was crucial to getting the job done. Thanks, Mike!

Jim, KC8PD

PCARS Dipole Antenna Workshop

WHAT: Dipole kit delivery and construction workshop
WHEN: Saturday, November 13th, 2010 at 10 am.
WHERE: PCARS Club Site or Community Room (in front of club site)
HOW MUCH: Less than \$20. US Currency
TOOLS: Yes, bring your basic tools (high watt soldering gun available)

The PCARS Dipole kit as packaged will get you on the air on 40 meters. Hmmmm... rather have a 20 meter dipole ??? Well, the antenna length can be easily shortened to any frequency above the 40 meter band. Some of you more clever builders might even use jumpers to create a multi-band antenna (more about that at the workshop).

Remember you will need to provide your own feed-line (coax) and support rope. (the kit includes three (3) insulators, wire and construction information). If you bring a length of coax with you (PL-259 on one end) the antenna can be tested for resonance.

Please send me an e-mail: WB2DFC@portcars.org if you would like to order the PCARS Dipole Antenna Kit. *Your reservation is required!!* Payment to be made on delivery.

Looking forward to seeing you-all !!!

Dave, WB2DFC

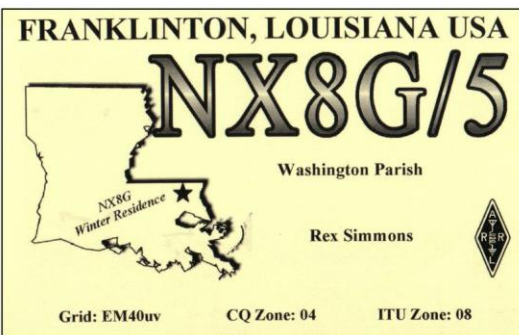
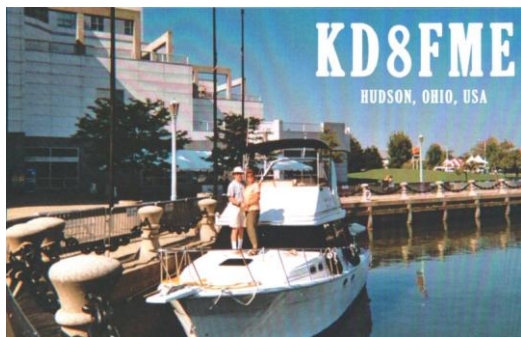
Thanks for the help

Just a word of thanks to all the club members who helped me in October by climbing up on my roof and removing the antenna farm from my former QTH. WB8LCD coordinated getting PCARS members on-site.

Your help was crucial to me and I never would have been able to get my stuff down without your help. A big thank you all and 73. Hope to see you all soon.

Russ, KB8DPN

QSL Cards from PCARS Members



KC8KYW
John Kametz
2158 Marhofer Ave
Stow, OH 44224
USA

Summit County • EN91ge

☐ Portable Location
☐ Mobile Location

Confirming QSO with:

Radio:

DATE	TIME	FREQUENCY	2-WAY	REPORT		
DAY	MO	YR	MODE	R	S	T
10	1	10	14.1			

Remarks:

☐ Please QSL ☐ Thanks QSL

"Ode To PCARS"

Dedicated to the Portage County Amateur Radio Service, Ravenna, Ohio

Written By Daryl Stout, AE5WX

- 1) The Portage County Amateur Radio Service, PCARS, Big Fun.
Kilo Eight Bravo Foxtrot, club call, it's the one.
Whether checking in, from Ohio or elsewhere;
Everything ham radio, this club, truly shares.
- 2) The Portage County Amateur Radio Service, PCARS, for all.
Traffic Passed in many ways, when the events call.
Whether it's through Echolink, or RF on the bands.
PCARS members, always there, to lend a helping hand.
- 3) The Portage County Amateur Radio Service, PCARS, its news.
Whether through the Radiogram, or website to choose.
Pictures, articles, and more, there for all to see.
Showing all that PCARS is, the fun place to be.
- 4) The Portage County Amateur Radio Service, PCARS, does teach.
Through license classes, testing, training, to all they can reach.
Plus, public service events too, the traffic they provide.
Keeping all participants, on the safety side.
- 5) The Portage County Amateur Radio Service, PCARS, a treat.
I traveled once to Cleveland to, members there to meet.
Fellowship there did abound, a good time had by all.
And, when you're part of this fine group, you truly have a ball.
- 6) The Portage County Amateur Radio Service, PCARS, does show,
You too can have Big Fun with them, more than you could know.
Whether Novice, Technician, General, Advanced, or Extra Class,
Or non-ham, study with them there... license exam, you'll pass.
- 7) The Portage County Amateur Radio Service, PCARS, with heart.
Associated with this group, I'm glad I have a part.
No matter how much in the hobby, of your tasks, there done.
The PCARS Group, it truly is, the club, K Eight, Big Fun.



Daryl, AE5WX



PCARS Thursday Net Control



November	
4	KB8UUZ
11	N8EQJ
18	N8XTH
25	N8QE

December	
2	WB8LCD
9	KC8PD
16	KD8FDK
23	KB8UUZ
30	WB8LCD



The PCARS net is **Fun** - tell your friends to check in via RF or Echolink! If you have not been a Net Control Operator for PCARS and would like to give it a shot, please contact me at: WB8LCD@portcars.org and take one of the slots in the roster. Everyone who is a club member is welcome to have a turn!

Tom WB8LCD
PCARS Net Control Coordinator

PCARS Patches & Stickers



PCARS logo patches & stickers are now available!! Put the patch on your hat, your shirt,

your jacket and show off that PCARS logo!! The patch is approximately 3". The embroidery on the white patch is in Red, Black and Blue. Cost for a patch is \$2.00 each and

can be obtained at any PCARS meeting. There are 2 types of stickers available - a 4" x 6" oval and a 3" x 10" bumper sticker. Stickers are \$1 each. Show your pride in PCARS - Wear a patch, use the stickers! If you would like to order by mail contact the club Treasurer: Bill, WB9LBI at: WB9LBI@portcars.org



November Contest Calendar

November 2010	
ARRL Sweepstakes Contest, CW	2100Z, Nov 6 to 0300Z, Nov 8
CQ-WE Contest	1900Z, Nov 13 to 0500Z, Nov 15
ARRL Sweepstakes Contest, SSB	2100Z, Nov 20 to 0300Z, Nov 22
EU PSK63 QSO Party	0000Z-2400Z, Nov 21
Run for the Bacon QRP Contest	0200Z-0400Z, Nov 22
CQ Worldwide DX Contest, CW	0000Z, Nov 27 to 2400Z, Nov 28

Yes - there are more than what are listed here. Check the internet for contest activity from around the world.

2010 ARRL November Sweepstakes

When: CW—Nov 6-8, Phone—Nov 20-22
Who: Radio amateurs in the US and Canada

You can claim a **Clean Sweep** when you log radio contacts with all 80 North American sections!

Don't Forget - Enter Your Club Name
Portage County Amateur Radio Service

No “Maybes” About It: ARRL Sweepstakes is Fun!

ARRL Sweepstakes has been part of Amateur Radio in the US and Canada for more than 75 years. In 2010, the tradition continues with the 77th running of the best domestic contest in all of Amateur Radio: CW will be the weekend of November 6, while the Phone portion of the contest runs the weekend of November 20.

What makes it so special? According to ARRL Contest Branch Manager Sean Kutzko, KX9X, there are many reasons. “Maybe it’s the long exchange that recalls the days of message handling,” he said. “Have you ever wondered why you get two points for each QSO in Sweepstakes? In the original rules, you earned 1 point for every message transmitted and 1 point for every message received.”

Maybe it’s the different levels of competition throughout the event. Kutzko explained that at the contest’s highest level, the top scores are only separated by only a few QSOs. At the Division and Section level, Kutzko said that the friendly rivalries between friends and club members across the continent over who buys the pizza are too numerous to list. This event brings clubs together!

Maybe it’s the fact that a station with just 100 W and a dipole can do well. “When you string up a wire, put some RF into it and keep sitting in the chair, and you could easily win a certificate for your efforts,” Kutzko said. “If you make 100 QSOs, you can order a Participation Pin to document your accomplishment.”

Maybe it’s the mystique of the Clean Sweep: working all 80 ARRL Sections and former ARRL Canadian Sections in an entire weekend. “Never have so many radio amateurs put it so much effort to earn the coveted Clean Sweep mug,” he said. Last year, the Contest Branch shipped more than 500 mugs to those who accomplished the feat.

With so much tradition and fun to be had, what’s keeping you on the sidelines of one of the highlights of the Amateur Radio calendar? With participation on the bands at an all-time high --, and with 10 meters showing significant signs of life as recently as October 23 -- every amateur from Technician to Extra -- from the casual participant to the seasoned contest veteran -- can get in on the action and fun. This year for the first time ever, alumni are allowed to participate in the School Club category; previously, alumni were only allowed to mentor from the sidelines. Now alumni can operate from their school’s established club station right along with the current student members. This is a golden Elmering moment, so take advantage of it,” Kutzko explained. “But don’t hog all the fun -- make sure the students get operating time, too! There are a lot of Sections where an entry in the School Club category has never been received. Do you want to make your School Club’s first foray into Sweepstakes a record score? Look at the All-Time Records table (<http://www.arrl.org/contest-records>) and take your pick from some extremely low-hanging fruit.”

Also worth nothing this year is that the return to Standard Time from Daylight Saving Time occurs during the CW running of Sweepstakes. While you will seemingly “gain” an hour in local time during the event, remember that logs use UTC, which is not affected by the time change. The contest will still end at 0300 UTC on Monday. For stations on the East Coast, CW Sweepstakes begins at 5 PM Saturday afternoon and ends at 10 PM Sunday evening; West Coast stations will start at 2 PM Saturday and end at 7 PM Sunday.

The 2010 ARRL November CW Sweepstakes runs from 2100 UTC Saturday, November 6 through 0300 UTC Monday, November 8. The SSB portion of Sweepstakes runs from 2100 UTC Saturday, November 20 through 0300 UTC Monday, November 22. Complete information and the Sweepstakes Operating Guide, as well as a PDF complete with rules, operating tips and templates for submitting an electronic Cabrillo log, can be found at <http://www.arrl.org/sweepstakes>.

Submit your electronic CW logs to sscw@arrl.org ; electronic Phone logs go to ssphone@arrl.org . Paper logs should be sent to ARRL November Sweepstakes, 225 Main St, Newington, CT 06111. Please be sure to designate Phone or CW on the envelope. All Sweepstakes logs must be submitted within 15 days of the contest ending. For CW, logs are due no later than 0300 UTC on Tuesday, November 23, 2010, and Phone logs no later than 0300 UTC on Tuesday, December 7, 2010. Logs not e-mailed or postmarked by the log submission deadline may be reclassified as checklogs. While the ARRL will never refuse a paper log, Cabrillo-formatted electronic logs are strongly encouraged.

Join thousands of other radio amateurs across the continent and get in on this year’s fun in the ARRL November Sweepstakes!

From the ARRL

Radio Donation

This may look like any other VX-170 HT, but it's not. It is a very special one.

It was purchased by Clarence Hollow, KD8ETS, SK, in 2006 so that he could listen to amateur radio activity in the Portage County area. Despite the fact that he was ninety-one years old, Clarence signed up for the PCARS Technician class. Age didn't matter to Clarence because he was young at heart.



After he was licensed he would check in to the PCARS Thursday evening net to say hello and stay in touch with his new friends. His health made it particularly difficult for him to get out in the winter but he still managed to make it to some club activities.



Clarence, KD8ETS - SK

Clarence passed away this year and many of us felt the loss. He had been an inspiration to us. Clarence's widow Betty, who was also his dearest friend, did not want to see his HT just sit in a drawer unused. She thought that it would be a tribute and fitting memorial to Clarence to donate his radio to PCARS so that it could be loaned out to new hams who could put it to use as he had and also make dozens of ham radio friends.

So with each graduating Technician class PCARS will make this radio available to one of the students who can then immediately put it on the air using his or her new call sign. Every one of them will hear the story of Clarence, KD8ETS, and he will always be a part of the PCARS legacy.

Jim, KC8PD

Shack Shot (work) - WB2DFC

Here's a good shot that Dave, WB2DFC sent in showing him at one of the new dispatch control consoles. Looks as if he's trying to get Echo Link up and running..... or maybe just solitaire.



2 Meter Simplex Contest Results

We had 6 logs entered. AND - we had a tie for first place. Yes, I know that this might be unusual but the tie was with Gay, WB8VNO and Ted, WD8CVH, and from what I can tell they were mobile together and whatever contact Gay made, Ted made also or visa-versa. Anyway, they both worked **all** the Portage county entities and also activated **all** the entities. How's that for dedication.



So:	1 st - WB8VNO - 273,600 pts	152 Q's	3 rd - KD8JRH - 41,860 pts	68 Q's
	1 st - WD8CVH - 273,600 pts	152 Q's	4 th - N8GLK - 1,254 pts	29 Q's
	2 nd - W8LKY - 157,500 pts	128 Q's	5 th - N8QE - 24 pts	4 Q's

Congratulations to all that participated!

Chuck, W8PT
Contest Coordinator



Swap-N-Shop

FOR SALE: The MFJ-976 Tuner. 1500 Watt full legal limit fully balanced antenna tuner. Very wide matching ranges (12-2000 Ohms) and continuous 1.8-30 MHz coverage including all WARC bands! It handles a full 1500 Watts SSB and CW. \$479 new, will sell for \$350.00. Used only a few times. Do not need with a 4 element SteppIR. . [03/30/11]

Contact: **Chuck** - W8PT@portcars.org

WANTED: Icom BP-4 battery case. For alkaline or rechargeable batteries it was used on the IC-2AT handheld radios. If you have one and would like to sell it please let me know. [11/27/10]

Contact: **John** - N8GIE@portcars.org

FOR SALE: MFJ-434B Voice Keyer, \$130.00 or best offer. [11/30/10]

Contact: **Rex** - NX8G@portcars.org

FOR SALE: Hallicrafter model S108, looks good but doesn't work: \$50 [11/30/10]

FOR SALE: Hammarlund HQ100C with manual. Good appearance but doesn't work: \$50 [11/30/10]

FOR SALE: Bencher IAMBIC Paddle, BY1, appears to be new in box, asking \$80 (currently in AES catalog at \$119) [11/30/10]

Contact: **Leon** - phone 330-296-2651 or N8GLK@portcars.org

FOR SALE: Cushcraft 10-3 ten meter 3 element beam. I've dry fit it and it seems that the only piece missing is a 6" x 6" aluminum mast plate. \$299 new, I'd like to get \$100 plus shipping (should be around \$16.00 to ship). [12/28/10]

Contact **Randy** - N6TL@portcars.org

FOR SALE: Mirage A-1015G, 6 Meter Amplifier - 10 watts in, 160 watts out - FM/CW/SSB - Original manual & box - Cost new \$389, works great - will sell for only \$250 [11/30/10]

FOR SALE: MFJ-5124K - Auto tuner cable for Kenwood - Original box & manual. - \$20.00 [2/25/10]

FOR SALE: 7" Screen GPS - Great for all you APRS people, or for those that have an Icom IC-7000 mobile (you can use the GPS to also display the IC-7000 screen through a video port!). Brand new, with everything including suction mount. \$150 [11/30/10]

Contact **Tom** - KB8UUZ@portcars.org

FOR SALE: Kenwood TS-570S 160 m through 6 m HF/VHF Transceiver. Has MARS/CAP modification and includes the .5 ppm TCXO. With original Kenwood microphone, power cord with Anderson power pole connectors, Kenwood user manual and schematics, and Nifty mini-manual. \$650.00 [11/30/10]

FOR SALE: GAP Titan DX Vertical 80 m through 10 m - Good condition with manual \$150.00 [11/30/10]

Contact **Rick**: K8CAV@portcars.org

FOR SALE: Best Technologies "Ferrups" commercial grade UPS, model FE850VA/14C, 850VA continuous; includes battery cables with power poles for external deep-cycle battery(ies). \$75 each (I have two for sale). [01/01/11]

FOR SALE: Gator GR-4S rack case, 4 rack units (the ultimate "go kit"). \$110 [01/01/11]

FOR SALE: 6 ½ ' heavy duty rack cabinet with rails front and rear, two locking doors, good condition. \$125 [01/01/11]

FOR SALE: 6' medium duty cabinet with rails front and rear, two locking doors, very good condition. \$110 [01/01/11]

FOR SALE: Huber-Suhner EMP protector, model 3400.17.0024, 824-960 MHz, with two N-F connectors. \$5 each (I have two for sale) [01/01/11]

FOR SALE: Decibel Products DB8802BA-100 remote reading digital power meter (forward, reflected & swr) & alarm, 406-1000MHz. \$95 [01/01/11]

FOR SALE: Bird 43 watt meter, nice condition, with 4 slugs: 250A, 25-60 MHz, 250W : 50E, 400-1000 MHz, 50W : 500H, 2-30 MHz, 500W : 250C, 100-250 MHz, 250W. Watt meter and 4 slugs for only \$325 [01/01/11]

Contact **Rick**: K8GI@portcars.org

Editor's Note: Ads run for 3 months then are dropped from the listing **UNLESS** you send it in again. Each ad will have an expiration date that looks like: [03/30/11] when they will be removed. This will help keep the listings current.

Ham License Plates Wanted

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

We have 32 plates up on the wall 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. It costs about \$20 the first time for the bureau fee, mailing fee, and Amateur Radio plate fee. When renewal time comes around for your Amateur Radio, you can get NEW plates issued (same call sign). Then you'll have an old plate to bring in to get hung up as a **permanent part of PCARS history!!**



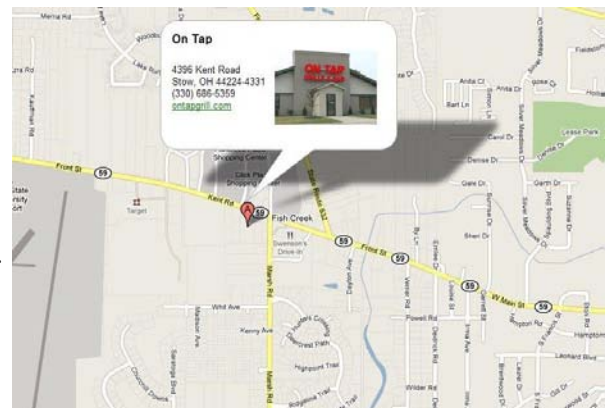
The official form for obtaining your Ohio Amateur Radio license plates is on the PCARS Yahoo Group site.

PCARS Meetings

The Portage County Amateur Radio Service (PCARS) meetings are held the second Monday of each month.

The next meeting will be at: **On Tap Grille**, 4396 Kent Rd. (St Rt. 59), in Stow. It is about a mile west of the Kent city limits.

**PCARS meeting - 7:00 pm Second Monday
of Every Month**



(Meetings are held January through November. December is the Christmas Party)

Thanks & 73

I really appreciate your help in getting material for this newsletter. All of our members (and others) look forward to getting this newsletter every month, so keep sending those inputs!



Tom "Parky", KB8UUZ

Thanks goes out to this month's contributors:

KC8PD, WB2DFC, W8PT, WB8LCD, KB8UUZ, N0AX, W8KNO, KK5AA, AB8YN, AB8AA, KB8DPN, KD8FME, NX8G, KC8KYW, AE5WX, the ARRL, and the World Wide Web.

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

Tom, KB8UUZ
PCARS Newsletter Editor

Pictures from the October PCARS Meeting



October 11, 2010



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: _____ (don't need 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 the following year.

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:

☐

Regular Full Member

Pay January 1 through May 31 = \$20.00 (full year)

Pay June 1 through August 31 = \$15.00 (last 7 months)

☐

Associate Member

Pay September 1 through November 30 = \$10.00 (last 4 months)

Pay December 1 through December 31 = \$5.00 (last month)

☐

Regular Senior Full Member (65+)

Pay January 1 through May 31 = \$16.00 (full year)

Pay June 1 through August 31 = \$12.00 (last 7 months)

☐

Associate Senior Member (65+)

Pay September 1 through November 30 = \$8.00 (last 4 months)

Pay December 1 through December 31 = \$4.00 (last month)

☐

Family* Member

Pay January 1 through May 31 = \$10.00 (full year)

Pay June 1 through August 31 = \$8.00 (last 7 months)

Call Sign of Regular Member: _____

Pay September 1 through November 30 = \$5.00 (last 4 months)

Pay December 1 through December 31 = \$3.00 (last month)

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

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

What are *YOUR* Ham Radio interests:

Signed: _____ Date: _____

Member #: _____

Mail to: Portage County Amateur Radio Service, Inc.
c/o: Mary Jo Loveland KD8GGZ
4838 Campbellsport Road
Ravenna OH 44266-8895

Date Received:
New Renewal
Date Voted:
Database Updated

Initiation Fee \$ _____ Dues \$ _____
O Cash O Check Total Amount: \$ _____
Results:

Rev 2009 0501



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

Meetings: 2nd Monday of each month at 7:00 PM

Check the PCARS website www.portcars.org for meeting location

All are welcome to attend – Drop in and say hello!



"When All Else Fails - Amateur Radio Works"

PCARS Uses the N8EQJ Repeater: 146.895 MHz (PL 110.9 – Rootstown, Ohio PL 114.8 – Kent, Ohio)

Repeater is graciously provided by N8EQJ for use by PCARS members

PCARS Appointments & Committees 2010

ARRL Awards - VUCC	W8KNO	Joe Wehner
ARRL Awards - WAS	KB8UUZ	Tom Parkinson
Club Call Trustee	KB8VJL	Al Atkins, Sr.
Club Site	KC8PD	Jim Aylward
Contest Coordinators	W8KNO W8PT	Joe Wehner Chuck Patellis
Field Day 2011	K8CAV	Rick Kruis
FYAO	WB8LCD	Tom Sly
Historian	KB8SZI	Peggy Parkinson
K8BF QSL Mgr.	KB8VJL	Al Atkins, Sr.
Net Coordinator	WB8LCD	Tom Sly
Newsletter	KB8UUZ	Tom Parkinson
OSPOTA 2010	W8PT	Chuck Patellis
PIO	KC8PD	Jim Aylward
Proxy Check In	KB8VJL	Al Atkins, Sr.
Secretary	KD8GGZ	Mary Jo Loveland
Web Master	K8SRR	Steve Randlett

KC8PD	Jim Aylward
KB8UUZ	Tom Parkinson
KB8DPN	Russ Anderson, Sr.
N4IT	Carl Capps
WB8LCD	Tom Sly
N8XTH	Deron Boring
N8PXW	Jim Korenz
N8QE	Bob Hajdak
W8PT	Chuck Patellis
N8EQJ	Ed Polack
K8QF	Russ Conklin
K8GI	Rick Patterson
WB8VNO	Gay Wands
WD8CVH	Ted Wands
NX8G	Rex Simmons
N8RLG	Robert Gurney
AB8AA	Allan Avnet
K8JAA	Jane Avnet
KD8FLZ	Mike DiCarro
KE8G	Jim Blanca
W8RID	Bob Davet



PCARS
VE Team



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This is the **Electronic E-Mail** version of the **PCARS Newsletter, the RADIOGRAM**. The advantages to receiving this way are: You get **COLOR** pictures, **NO** postage needed, and delivered right to **YOUR** e-mail box! If you know of anyone else that would like to receive this newsletter, please have them send me an e-mail. The RADIOGRAM is published every month and is sent only 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. To remove you from the mail list – send an e-mail to me at: KB8UUZ@portcars.org

Portage County Amateur Radio Service, Inc. (PCARS)
Tom Parkinson - KB8UUZ - Newsletter Editor
9992 State Route 700
Mantua, OH 44255



NLC

