



The

RADIOGRAM

When All Else Fails ~ Amateur Radio Works



November 2009 ~ Official Newsletter of the Portage County Amateur Radio Service, Inc. (PCARS) ~ Vol. 4 No. 11

~ 2009 Officers ~

President - Jim Aylward - KC8PD
 Vice President - Dave Rarrick - WB2DFC
 Treasurer - Bill Fraedrich - WB9LBI
 3 Year Trustee - Ed Pollack - N8EQJ
 2 Year Trustee - Chuck Patellis - W8PT
 1 Year Trustee - Russ Anderson - KB8DPN

~ Meetings ~

2nd Monday of
 every month.
 7 pm at
 Sideliners
 Brimfield Plaza
 Brimfield, Ohio

~ Nets ~

Thursday nights
 8 PM
 on 146.895
 PL Tones
 110.9 Rootstown
 114.8 Kent

PCARS Incorporated

Nov. 1, 2005

First Meeting

Nov. 14, 2005



ARRL Affiliated

April 20, 2006

From the President

The holiday season will soon be upon us, bringing some annual PCARS events that we all look forward to.

As in years past, we will be having a food and donations drive for the Center of Hope at the November meeting. There is another article about that in this edition. But we have also made it a tradition to donate the proceeds from the 50/50 raffle to the Center of Hope along with any other cash donations made at the meeting.

Last year the total donation was \$750.00, helped along with a special prize in the raffle. This year we will do the same. The winner of the 50/50 will have the option of the cash prize or a new Yaesu FT-270R handheld radio. How's that for an early Christmas present for yourself? Plus there will be a bunch of other terrific prizes. You don't want to miss this meeting!



The November PCARS meeting is also important for all the members because we will be holding elections for the board. Since all of the officers have one-year terms, nominations will be taken for President, Vice-President and Treasurer. In addition, one of the Trustee positions will be open.

On December 14th it will be time for the Christmas Party and PCARS will be heading back to the Paradise Lake Country Club where the 2008 party was held. Everyone enjoyed the food and facility and this year we will also have entertainment from Stelvis and the Graceland Band.

The club site Technical Committee has begun assessing the location for antenna and equipment installation for the club's station. As can be expected, things are never as simple as they look and we want to be sure that we make the best decisions now as we develop the site for long-term use.

The Fall Technician Class has been meeting in the radio room. It was surprising how quickly that space filled up with the countertop installed and tables and chairs set up. But it sure is nice holding the class at the club's own home.

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From the President (continued from Page 1)

We will also be putting the room to use for the 2010 General Upgrade Class which will begin in mid- to late January. Once again it will be free to all PCARS members and if anyone else wants to participate there will be a \$25 registration fee that also gets them a one-year membership in the club. Watch for more details.

As this is being written we are waiting on the servicing of the furnace in the garage. Thanks again to Russ, KD8LDY, for all of his efforts in rewiring the furnace and getting it operational. Russ has also rewired all of the 220V outlets in the radio room as duplex 110V outlets.

Congratulations to Tom, WB8LCD, on getting his tower and antennas installed! He can be proud of the results of all his hard work. The tower holds a tri-band (+40m) beam, a six and two meter beam, and a two meter vertical at the top. Time for Tom to say goodbye to the windom. You can bet that he will find himself spending a lot more time DXing and contesting.

Up north in Parkman, Chuck, W8PT, is getting ever closer to finishing the installation of the SteppIR on his new tower. It has been an arduous process and that antenna is huge but any day now Chuck will be one happy guy when gets back on the HF bands.

Best wishes to all PCARS members and their families for a very Happy Thanksgiving!

Jim, KC8PD

From the Vice President

Greetings Fellow PCARS Members and others! Just when you think technology has solved all of your problems, you find you have to be creative in effective communications. Mixing old and new technologies can sometimes produce the desired result and be quite novel! An example follows:

Recently one of our very own and "kind of famous" members was traveling in the area of the Rocky Mountains. The subject of visiting WWV came up in conversation but no references to location could be found, anywhere. Just think, a visit to one of the greatest antenna farms in the world, and maybe a conversation with Father Time, or his designate, but alas, no address. As this fellow member was desperately trying to find something to do other than visiting another brewery, I set to the task of finding WWV.



I was creative and found a map reference on a website. I had no way to get the information to the "kind of famous" member other than by cell phone, so I took a photo of the computer screen, indicated the approximate location of WWV with an arrow written on a sticky note, which was stuck to the computer screen. The arrow on the sticky note was positioned on the computer screen to point, generally, to WWV. Then I sent the picture of the sticky note stuck to the computer screen, which indicated the area, generally, where WWV could be located, to the "kind of famous" member's cell phone.

Thinking I had been very successful in my task to point the "kind of famous" member to WWV, I awaited a return message from the "kind of famous" member hoping a few photos of WWV would be included. What I got back was picture of that "kind of famous" member, with a big smile, and another brewery found. Oh well, maybe next trip. By the way, I have included that now famous photo for your enjoyment.

Rounding out my October was a trip to The Outer banks of North Carolina (Honeymoon). All of the trip was by motorcycle and we had a great time. Although band conditions were poor, I set up the HF pack station every day while staying in Hatteras Village. (picture included). Every day I listened to the Waterway Radio Net on 7.268 LSB. The Waterway Net handles amateur radio traffic from vessels underway or at anchor, some very interesting monitoring. I also had the Kenwood HT with me. I had pre-programmed all of the VHF Marine Radio channels before the trip. Marine Radio also makes for some interesting monitoring. On more than one occasion colorful language could be heard from the local fisherman. There is a 2 meter repeater in the OBX area. The repeater has several remote receivers providing good coverage but no QSOs were made. A nice place to vacation, very quiet at this time of year. (almost phoned in my retirement papers)



Please keep those cards and letters coming, especially the ones with "shack shots" and any suggestions for future meeting topics and activities.

Best of 73,

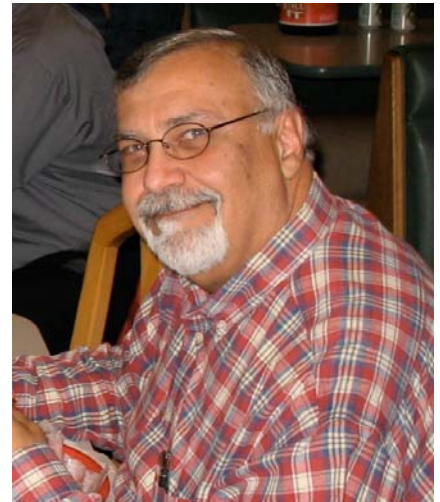
Dave, WB2DFC



Charlie the Tuner's HF High Lites

As I write this column, there are exactly 8 weeks to Christmas. 8 WEEKS!! It seems we just started Summer with all its promise. And now we will be turning our clocks back next week for the Winter season and a return to Eastern Standard Time. It also means that it will be darker one hour earlier. Oh well, we can just start to look for backscatter on 6m and some of that 20 meter DX. Speaking of which.....

I finally received a couple of reports from local DX hunters. The first is from Wes, K8NYM. He reported the following DX worked in September and October. On 20 meters: 9/8/09 YB4IR Indonesia, FT5GA Glorioso Is, 9/29/09 PJ5/AH6HY St.Eustatius, 9/30/09 5N00CH Nigeria, 10/01/09 XV3RRC Vietnam, 10/01/09 C31CA Andorra, 10/02/09 SU3YM Egypt, 10/5/09 TX5SPA DXpedition Austral Is., 10/6/09 3D20CR Figi Is., 10/14/09 K4M Midway Is. Way to go Wes. There are some very good DX stations worked in this short list. Keep up the good work.



The second report comes to us from Tom (Parky) KB8UUZ. Parky reports that he worked: FT5GA - Glorioso Island, DR800GRZ - Gernamy Special Event, DR775TMG - Germany Special Event, F/TU5KG - Ivory Coast, HB9IQA - Switzerland, EK6TA - Armenia. These were all on 20 meters during the first week of October. Parky said that FT5GA was about 55, the German stations and EX6TA were 20 over, and Switzerland and Ivory Coast were 10 over. He also worked: ZS3D - 40M SSB, and JY4CI - 20M SSB. Another Atta boy to Parky. He is breaking in that new Icom 7600 the right way.

You know that we all like to see what DX will be coming up so that we can be waiting for it. But I really would like to see more reports like these two, to see what HAMS in this area are working. So keep those cards and letters coming in.

OK let's get on with the DX news for November and months following. First, I want to thank 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).

DX News

TAKE A MINUTE TO REMEMBER THEM THIS WEEK! If you haven't heard, four radio amateurs were killed in plane crash while enroute to operate in the CQWW DX SSB Contest from Crooked Island, Bahamas. The tragedy happened just after take-off, around 6:30 AM on Wednesday, October 21st, when the twin-engine Piper PA-23 plane carrying the four contesters crashed into the woods only 250 yards off the end of the runway in Jedburg, South Carolina, about 20 miles northwest of Charleston. The four radio amateurs were:

Peter Radding, W2GJ (C6APR) SK - North Charleston, SC - Pilot/Owner

James "Randy" Hargenrader, K4QO (C6AQO) SK - Summerville, SC

Edwin F Steeble, K3IXD (C6AXD) SK - Summerville, SC

E. Dallas Carter, W3PP SK - Laurel, DE

9J, ZAMBIA. (Continued Reminder) YO4HEK, will be here for 1 year, active as 9J2YO. Activity will be on all bands using CW, SSB, and PSK31. Over the past week Gabriel has been very active on 40/30 meters between 1700-2030z. QSL via YO4ATW.

9M2, WEST MALAYSIA – (Continued Reminder) EA4ATI, is working now in Malaysia. He has been issued the call sign 9M2TI and will be operating from Kuala Lumpur city. Using a vertical antenna with 400 watts, look for Dani to be active on 40/20/15/10 meters using CW and SSB. He also mentions that he will participate in the main international contests (like the CQ WPX) from a different location with a better station. Dani will stay in Malaysia for at least one year. QSL via his home callsign.

9M8, EAST MALAYSIA (IOTA Op) - 9M6DXX, from the Island of Borneo (OC-088) plans to busy from East Malaysia over next 2 months. Look for Steve active as 9M8Z from Sarawak, East Malaysia (OC-088). In early Nov., 9M6DXX will be joined by 9M6XRO and the ops will activate Pulau Labuan Is. (OC-133) between Nov 6-8th (and possibly for 1 or 2 hours on Nov 9th after 0000z). The callsigns & ops will be as follows: 9M6DXX/P - On 80-10 m SSB only. 9M6XRO/P - On 160-10 m CW and RTTY.

A35, TONGA - Look for A35A to be active in the upcoming CQWW CW - Multi-Sigle, Operators Paul/A35A and Dave/W6ZL (A35KL) In both cases, QTH Ha'apai Group (OC-169). QSL via LoTW (additional QSL arrangements pending).

CE9, SOUTH SHETLAND ISLANDS (Update). A team of operators will be operating from Arturo Prat-Greenwich Island-South Shetland archipelago (IOTA AN-010, WW Loc. GC07FQ), between January 10-24th. Their call sign will be XR9JA. Activity will be on 160-6 meters using CW, SSB, PSK31 and the AO-51 Satellite. QSL via CE5JA.

FT5W, CROZET IS. - F4DYW, is active as FT5WO, is expected to be on the air until Nov 15th, leaving the island on Nov 23rd. He is usually on 20 or 17 m during Saturdays & Sundays from 0600-1300z usually between 14260-14280 kHz. QSL via F4DYW.

JU1, MONOGOLIA - Members of the JTDXA Contest Team will be active as JU1DX during the CQWW DX CW Contest (Nov 28-29th) as a Multi-Op 2-transmitter entry. Location is 100 miles from Ulaanbaatar, capital city of Mongolia. QSL via info on QRZ.com.

MARCONI NOBEL 100 AWARD. To celebrate the 100th anniversary of Marconi receiving the Nobel Prize, listen for and work 10 different special event "SI" stations between November 9th and December 10th. The following special anniversary callsigns will be on the air: SI0GM, SI1GM, SI2GM, SI3GM, SI4GM, SI5GM, SI6GM and SI7GM. Other SM stations may be using the special prefix SI, but only the above stations count. Each anniversary station counts once per band. No endorsements. The fee is 50 SEK, 5 Euro or 5 USDs. Apply with log entry to SSA Awards Manager, Bengt Hogkvist, Ostbygatan 24 C, SE-531 37 Lidköping, Sweden.

P4, ARUBA (SA-036) - W2GD, will be active as P40W during the CQ WW DX CW Contest (November 28-29th) as Single-Op, All-Band, Low-Power or QRP entry with limited antennas. QSL via N2MM. Logs will be loaded on LoTW upon his return to USA.

P29, PAPUA NEW GUINEA – Reminder - VK2GR, will be active as P29CW from the Western Province between September and December. Activity will be only during his spare time because he is there working with "Australian Doctors International" (ADI - <http://www.adi.org.au>). Due to the limited availability of power, Allan may not be active on the many field trips during his stay. QSL direct to Tommy, VK2IR, with 3 USDs or new IRCs. PLEASE NOTE: DO NOT send QSLs to the Papua New Guinea address.

T30, WESTERN KIRIBATI – Stations N1EMC and N1IW will be active as T30KI and T30IW, respectively, between November 10-16th. Activity will be on 60-6 meters as conditions permit using SSB/CW. QSL via N1EMC.

TZ, MALI - JA8SLU, will once again return to Mali and be active as TZ6JA between November 2-23rd. Activity will be SSB only. QSL direct only to: Mac Obara, P.O. Box 59, Tama, Tokyo, 206-8691 JAPAN.

XW, LAOS Reminder- XW1B, will be active for the CQWW DX CW Contest (Nov 28-29th) as a Single-Op/All-Band entry. QSL via E21EIC.

XV, VIETNAM (Update/IOTA Op) – Five Operators will be active as XV4D from Phu Quoc Island (AS-128) between November 4-17th. Activity will be on 160-10 meters using CW,SSB,RTTY,PSK and SSTV. QSL via DL7DF, direct or by the Bureau.

YN, NICARAGUA - K9GY, will once again be active as YN2GY from Octavio's, YN2N, QTH in Grenada, during the 2010 ARRL DX CW Contest (February 20-21st) as a Single-Op/All-Band/Low-Power entry. He will be there between February 18-22nd. Outside of the contest, look for CW activity on 30/17/12 meters. QSL via LoTW or to his home callsign, direct or by the bureau.

IOTA News

CE0Y, EASTER ISLAND (SA-001) - Reminder Amateur Stations SQ8X and SV2KBS are planning to be active as CE0Y/homecall from here between October 31st and November 15th. They are looking for one or two operators to join them on this operation. Plans are to have two stations on the air. They understand that Easter Island (SA-001) is not on most wanted lists, but there is a demand by some European stations to work CE0Y (this will be their main goal). More details will be forthcoming.

NA-029 W7ASF, active as VY2/W7ASF from Prince Edward Is. (CISA PE-001, WLOTA 0523) Nov 18-24th. Activity will include an entry in the ARRL Sweepstakes Phone Contest (November 21-23rd). QSL via his home call sign, direct or by the Bureau.

OK - that's it for upcoming DX News. Please get on the air and see what you can hear and work and then - **LET ME KNOW!** Remember, you don't have to be a PCARS member to e-mail me your interesting or rare DX. Just send it to W8PT@portcars.org.

So for now, 73 and gud dx.

Chuck, W8PT

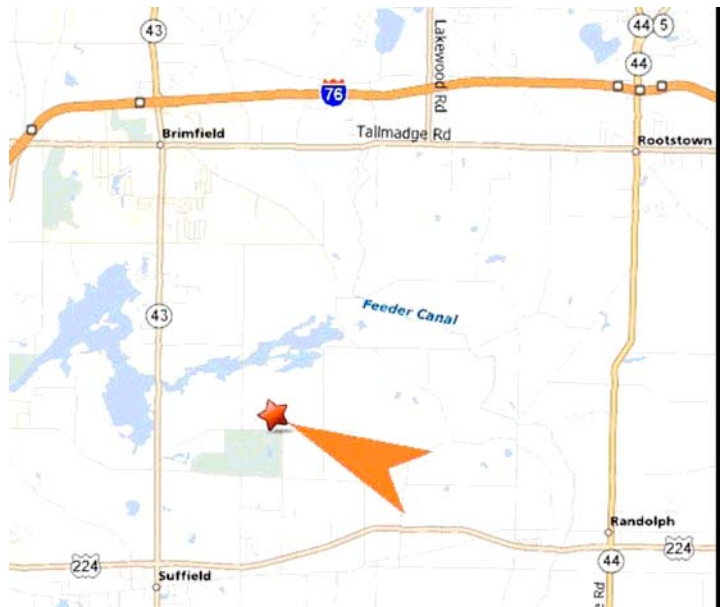


PCARS Christmas Party - 2009

Mark your calendars for Monday, December 14, 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 Mogadore.

We'll have a buffet dinner, a cash bar, gift exchange with Santa, and new this year, live entertainment. **Stelvis and the Graceland Band** will be performing for your dining pleasure!
<http://stelvisandthegracelandband.com>

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



Center of Hope – Holiday Food Drive

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

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 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 meetings in November and December 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.

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! Any items or funds donated at a meeting will be delivered the next day to the Center of Hope.

Jim, KC8PD

Hamfests

1 Nov 2009 - Massillon Amateur Radio Club - Massillon Boys and Girls Club - 730 Duncan Street SW - Massillon, OH
Talk-In: 147.18/.78 - Contact: Dan Anastis, N8DZM - 4770 12th Street SW - Canton, OH 44710 - Phone: 330-478-6149 - For more information: <http://www.marcradio.org> - Email: ddann@sbcglobal.net

Happy Birthday PCARS Members

PCARS members having a birthday in November:

N8ATV	Jerry Jarze
KD8JRJ	Phil McCoy
K3GP	George Proudfoot
WA8CCU	Al Nagy
KB3OQV	Kristen Andrews
KD8GGZ	Mary Jo Loveland
KD8CKP	Yes - PCARS !

KB8UUZ	Tom Parkinson
KD8ICR	Don McCullough
K8FEY	Bob Hewett
KC8SYD	Ted Kost
N8WLE	Nick Rothermel
AB8VX	James Bailey

Paper Chase

If you remember reading the October 2008 issue of the RadioGram, you probably remember that its editor, Tom KB8UZZ a.k.a. Parky, had an article about the "Year of the State QSO Party." How are you doing? Did you forget about it? For your information, there is only one QSO Party remaining, Kentucky, November 14th.



The rules were simple, work all the states during the year during their QSO Party or you can substitute an ARRL or NCJ contest contact after the State QSO Party had passed. The only sticky point is that you had to submit a log to claim the state. Check your records, you may be closer than you thought.

If you are close, not so close or have not even started; all is not lost. There are four contests coming up that bring out the stations in large numbers from all the states. The contests are: Sweepstakes, CW November 7th & 8th and Phone November 21st & 22nd; and ARRL 160

Meter (CW), December 4th and 5th and the ARRL 10 Meter, December 12 & 13. Depending on the propagation it may be easy or pose a challenge. GOOD LUCK!

The Certificate is colorful and you might just want to print it and the accompanying flags. Go to the ARRL web site and type "Year of the QSO Party" in the search function and it will provide you with the instructions and the links for you to download the certificate and flags. Use it to show yourself how many of the states you worked during the last year; or as Mike, KC8UNR, is using it to show the states he has confirmed as he works for his "Worked All States (WAS)". Keep it next to operating station and it is a reminder what states you still need.



Joe, W8KNO

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 web site at <http://www.portcars.org> and follow the link to sign up.



Out with the Old, In with the New

It is now time to start dumping your old International Reply Coupons (IRCs): The "Beijing Model No 2" must be redeemed before December 31, 2009.

According to The Daily DX editor Bernie McClenny, W3UR, many QSL managers are now only accepting the new Nairobi Model IRC, so he advises that it is now time to start getting rid of the old IRCs and not get stuck with any! The new IRC, available in the US since September 10 and elsewhere since July, costs \$2.10 each in the US. For those in the US who will be exchanging the old version of IRCs for new ones, USPS Bulletin #22267 advises postal workers to tell customers "to exchange IRCs that expire on December 31, 2009 for the new IRC version (Item 330800) or for other postage stamps. Retail



associates (RAs) can exchange unused US-issued IRCs for \$0.01 less than the value of the IRC. (The amount to exchange is the printed price of the IRC along with any additional postage affixed minus one penny.)"

The Nairobi Model was designed by Rob Van Goor, a graphic artist from the Luxembourg Post. It was selected from among 10 designs presented by Universal Postal Union member countries. Van Goor interpreted the theme of the contest -- "The Postage Stamp: A Vehicle for Exchange" -- by depicting the world being cradled by a hand and the perforated outline of a postage stamp. For more information on IRCs, see the July and September 2006 issues of QST (page 86).

The ARRL



The international reply coupon is a postal product exchangeable in every UPU member country for one or more postage stamps representing the minimum postage for an ordinary priority letter-post item or an ordinary airmail letter sent abroad for the reply. Some 2.2 million reply coupons are sold each year by 121

postal administrations. While not all countries sell IRCs, all the postal operators of the UPU's 191 member countries, and their territories, are required to exchange them.

More than a century after it first appeared in 1907, the international reply coupon remains a useful item. Aside from its traditional use for correspondence, two particular groups of users have emerged: students, who use it as a means of exchanging correspondence with academic institutions, and amateur radio enthusiasts, who use coupons when exchanging their "QSL cards" confirming radio reception.

Universal Postal Union

EmComm

How would our community respond if an H1N1 influenza outbreak sickened so many communications workers that telephone and internet systems were disrupted due to lack of maintenance or necessary repairs?

That question was answered this October when dozens of amateur radio operators from around the state of Ohio participated in an emergency communications exercise that was centered here in Portage County. Although not originally intended as an exercise for the ARRL's annual Simulated Emergency Test (SET), it provided a perfect way to hold a local SET.

Members of both the Ohio Army and Navy/Marine Corps Military Affiliate Radio System (MARS) deployed to the Ohio National Guard's Camp Ravenna, the former arsenal, where they set up three portable radio stations with both local and long distance capabilities. Rick Kruis, K8CAV, whose Navy/MC call sign is NNN0FKV, had designed the MARS exercise and led the five man team at Camp Ravenna.



Rick arranged for MARS members from around the state to draft and send status reports and other messages to the deployed MARS stations as well as exercise messages that could be forwarded to the Ohio Emergency Management Agency. These e-mail messages were then sent via Winlink to MARS Radio Message Server (RMS) stations that immediately routed them back into the internet as regular e-mail. Using Winlink, even if local e-mail connections are lost these detailed messages can still be sent.



Locally, the Portage County EMA's Radio Amateur Civil Emergency Service (RACES) unit conducted its own exercise at the same time using the same scenario. RACES members were deployed to the EMA, two different Red Cross service sites, Robinson Memorial Hospital, as well as a distribution site that would be used for the county's flu supplies that have been received from the Strategic National Stockpile (SNS).

Those communications were coordinated by Tom Sly, WB8LCD, who was the Net Control Station (NCS) for the exercise. Tom is a Deputy Radio Officer for RACES, and he directed the operation from a station located in the PCARS club site.

Tom reported that there was a near constant stream of messages flowing from each of the sites. These included status reports from the hospital, materials and assistance requests from the Red Cross, updates from the SNS depot, and messages from the local EMA to the state EMA. It was a very busy net.

At the same time members of the Amateur Radio Emergency Service of Portage County (ARES) also operated a training net and Bob Hajdak, N8QE, was the NCS. Their tasks included sending messages from clients at the Red Cross shelter into the ham radio National Traffic System and Nick Rothermel, N8WLE, was the NTS liaison station.

As an added layer of complication, halfway through the two hour exercise a simulated severe weather event was added into the mix. That required the activation of a Skywarn net with Gregg Gary, WB8YYS, as the NCS. The weather alert lasted about forty-five minutes with regular reports of weather conditions and alerts, which also necessitated intercommunications between the different nets.



This was an excellent example of how amateur radio can assist in times of need. All of the hams did a great job of accomplishing their mission and some valuable lessons were learned that will help improve future operations. It also demonstrated how well the local disaster relief organizations can work together.

A lot of progress has been made by area hams in developing their expertise and knowledge of emergency communications, assembling the equipment needed for portable operations, as well as improving their on-air operating skills in structured nets. Any ham with an interest in participating in RACES, ARES or MARS can contact me at aylwardjim@aol.com or give me a call.

Jim, KC8PD
Radio Officer, Portage County EMA/RACES
EC, ARES® of Portage County



Spring Forward - Fall Back

On Sunday (November 1st) morning at 2:00 am (Eastern Daylight Time), don't forget to turn your clocks **BACK** one hour. That's when we change from Daylight Savings Time (EDT) to Eastern Standard Time (EST).



However, remember GMT (or UTC) time DOES NOT CHANGE:

So, on Saturday morning (Oct 30th) at 10:00 am EDT, the proper UTC time is 1400 hours (4 hour difference).

On Sunday morning (Nov 1st), at 10:00 am EST, the proper UTC time will be 1500 hours (5 hour difference)

Tom, KB8UUZ

Ohio Section Conference

The Ohio Section Conference was held on Saturday, September 19, in Columbus, OH. Rich, KD8FDK and Bob, N8KBX rode down and spent the day with me there. The conference was a very worthwhile event, but again, not as well attended as it should be. Lots of useful information was shared and there were quite a few interesting speakers. Ohio Section Manager Frank Piper, KI8GW, conducted the meeting, which was also attended by Jim Weaver, K8JE, Great Lakes Division Director.



There were discussions regarding the legislative action taking place in Ohio, Ohio ARES, the new Ohio Section website (www.arrlohio.org), the Official Observer program, Ohio traffic nets and much more. It was a good time to network with the other Ohio hams that are getting things done for the benefit of all of us.

The Ohio Section Newsletter winners were announced: First Place was the NOARS Log of the Northern Ohio Amateur Radio Society, Second Place was Zero Beat of the Alliance ARC and third place went to The Log Sheet of the Butler County VHF Society.

Frank introduced the 16th winner of the Allan Severson, AB8P award winner. This year the award went to Joe Phillips, K8QOE (SK). Donna Phillips was on hand to receive the plaque and she spoke of how Joe would have been proud to have received this honor.

If you've never attended a section convention before, please try to do it, it's the best way to keep in touch with what all is going on in the Ohio Section!

Tom, WB8LCD

Give Your Generator Some Space

The National Institute of Standards and Technology (NIST), the same folks that bring you WWV, publish a monthly newsletter called NIST Tech Beat. Here's an item from the 10/6/09 issue of NIST Tech Beat that will be of interest to radio amateurs:

To subdue the steaming heat of hurricanes or to thaw out during a blizzard, gasoline-powered, portable generators are a lifeline during weather emergencies when homes are cut off without electricity. But these generators emit poisonous carbon monoxide - a single generator can produce a hundred times more of the colorless, odorless gas than a modern car's exhaust. New research from the National Institute of Standards and Technology (NIST) shows that to prevent potentially dangerous levels of carbon monoxide, users may need to keep generators farther from the house than previously believed - perhaps as much as 25 feet.

Up to half of the incidents of non-fatal carbon monoxide (CO) poisoning reported in the 2004 and 2005 hurricane seasons involved generators run within 7 feet of the home, according to the U.S. Centers for Disease Control and Prevention (CDC).

Carbon monoxide can enter a house through a number of airflow paths, such as a door or window left open to accommodate the extension cord that brings power from the generator into the house. While some guidance recommends 10 feet from open windows as a safe operating distance, NIST researcher Steven Emmerich says the "safe" operating distance depends on the house, the weather conditions and the unit. A generator's carbon monoxide output is usually higher than an automobile's, he says, because most generators do not have the sophisticated emission controls that cars do.

"People need to be aware that generators are potentially deadly and they need to educate themselves on proper use," Emmerich says. With funding from CDC, NIST researchers are gathering reliable data to support future CDC guidance.

NIST building researchers simulated multiple scenarios of a portable generator operating outside of a one-story house, using both a test structure and two different computer models - the NIST-developed CONTAM indoor air quality model and a computational fluid dynamics model.

The simulations included factors that could be controlled by humans, such as generator location, exhaust direction and window-opening size, and environmental factors such as wind, temperature and house dimensions. In the simulations the generator was placed at various distances from the house and tested under different weather conditions.

"We found that for the house modeled in this study," researcher Leon Wang says, "a generator position 15 feet away from open windows was not far enough to prevent carbon monoxide entry into the house."

Winds perpendicular to the open window resulted in more carbon monoxide entry than winds at an angle, and lower wind speeds generally allowed more carbon monoxide in the house. "Slow, stagnant wind seems to be the worst case because it leads to the carbon monoxide lingering by the windows," Wang explains. Researchers determined that placing the generator outside of the airflow recirculation regions near the open windows reduced carbon monoxide entry.

In the next phase of the study NIST will model a two-story house that researchers believe will interact with the wind differently. NIST researchers also have worked with the Consumer Product Safety Commission on related work. (See: "NIST to Study Hazards of Portable Gasoline-Powered Generators," NIST Tech Beat, March 5, 2008.)

The generator study can be downloaded at <http://fire.nist.gov/bfrlpubs/build09/PDF/b09009.pdf>.

* L. Wang and S.J. Emmerich. Modeling the Effects of Outdoor Gasoline Powered Generator Use on Indoor Carbon Monoxide Exposures. (NIST Technical Note 1637,) 2009.

Dan, KB6NU



Findlay Hamfest

Here are some pictures from the Findlay Hamfest that missed the newsletter deadline last month:



Tom, WB8LCD

PCARS 2 Meter FM Contest Results

Here are the results for the fourth annual PCARS 2m Sprint that was held on August 8th. Certificates were handed out at the October PCARS meeting. Congratulations to everyone that entered. Fun was had by all!

Position	Category	Call Sign	Logger	Points
1 st	Mobile	KB8TUJ	KD8EPA	361,050
2 nd	Mobile	KB8VJL	N8KBX	312,852
3 rd	Mobile	WB9LBI		301,560
4 th	Mobile	K8SRR		81,900
5 th	Mobile	N8RLG		58,344
6 th	Mobile	KD8MQ	KD8JRK	28,160
7 th	Mobile	K8JAA	AB8AA	4,998
1 st	Fixed	N8QE		504



Chuck, W8PT

Mark Your Calendars

On the calendar for upcoming meeting topics and activities are:

- November 9th meeting - **Election of 2010 Officers**
- November 9th meeting - **Dayton Experience, the movie**
- December 14th - **PCARS Christmas Party/Meeting - FUN - FUN - FUN !!!**
- January 11th meeting - **"On The Air With Power To Spare", the Tom Sly, WB8LCD tower story**



PCARS Thursday Net Control

If **YOU** would like to be a net control operator, please let me know when you are available and I'll get you into the rotation - email: WB8LCD@portcars.org. Your help would be greatly appreciated and it's a lot of fun !



November	
11/05	KC8PD
11/12	WB8LCD
11/19	N8XTH
11/26	WB2DFC



December	
12/03	N8RLG
12/10	KD8VT
12/17	N8QE
12/24	KB8UUZ
12/31	WB8LCD

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

Tom WB8LCD
PCARS Net Control Coordinator

PCARS Patches & Stickers & Mugs



PCARS logo patches & stickers & mugs are now available!! Put the patch on your hat, your shirt, your jacket, show off that PCARS mug!! The patch is approximately 3". The embroidery 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"x6" oval and a 3" x 10 " bumper sticker. Stickers are \$1 each. Mugs are full color with the PCARS logo on both side and only cost \$5 each.



Show your pride in PCARS - Wear a patch, use the stickers, use the mug! If you would like to order by mail contact the club Treasurer: Bill at wb9lbi@portcars.org

PCARS VE Test Sessions

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

December 5 - February 6, 2010 - April 3, 2010 - June 5, 2010 - August 7, 2010

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 license, a copy of your 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

November Contest Calendar

November, 2009	
NCCC Sprint	0230Z-0300Z, Nov 5
NCCC Sprint	0230Z-0300Z, Nov 6
ARRL Sweepstakes Contest, CW	2100Z, Nov 7 to 0300Z, Nov 9
NCCC Sprint	0230Z-0300Z, Nov 13
Bill Windle QSO Party	0000Z-2359Z, Nov 14
WAE DX Contest, RTTY	0000Z, Nov 14 to 2359Z, Nov 15
Kentucky QSO Party	1400Z, Nov 14 to 0200Z, Nov 15
Run for the Bacon QRP Contest	0200Z-0400Z, Nov 16
NAQCC Straight Key/Bug Sprint	0130Z-0330Z, Nov 19
NCCC Sprint	0230Z-0300Z, Nov 20
YO International PSK31 Contest	1600Z-2200Z, Nov 20
Feld Hell Sprint	0800Z-1600Z, Nov 21
All Austrian 160-Meter Contest	1600Z, Nov 21 to 0700Z, Nov 22
ARRL Sweepstakes Contest, SSB	2100Z, Nov 21 to 0300Z, Nov 23
EU PSK63 QSO Party	0000Z-2400Z, Nov 22
NCCC Sprint	0230Z-0300Z, Nov 27
CQ Worldwide DX Contest, CW	0000Z, Nov 28 to 2400Z, Nov 29

Yes - there are even more than what are listed here.

Check the internet for contest activity from around the world.



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 24 plates up on the wall now (plus a two new plates I just put up, but didn't get a picture of them...), 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 your Amateur Radio plates need to be re-newed, 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.



FCC Issues Public Notice on Amateur Service Communication During Government Disaster Drills

On Tuesday October 20, 2009 the FCC released a Public Notice clarifying the Commission's rules relating to the use of Amateur Radio by licensed amateurs participating in drills and exercises on behalf of their employers. Entitled Amateur Service Communications During Government Disaster Drills, the Public Notice addresses participation by paid employees of organizations taking part in drills.

The Public Notice -- DA 09-2259 -- affirms that the Commission's rules "specifically prohibit amateur stations from transmitting communications in which the station licensee or control operator has a pecuniary interest, including communications on behalf of an employer."



ARRL Regulatory Information Manager Dan Henderson, N1ND, offered "This Public Notice is intended to clarify a difficult issue. A wide range of unofficial -- and frankly some incorrect -- interpretations have been offered on this topic in various public forums recently. DA-09-2259 is the official FCC notice on this issue. Though issued jointly by the Wireless Telecommunications Bureau (WTB), the Enforcement Bureau (EB) and the Public Safety and Homeland Security Bureau (PSHSB) under delegated authority from the Commission, the Notice makes it clear that WTB is the Bureau at the FCC with jurisdiction over the Amateur Radio Service rules and their interpretation."

The Public Notice states that, in order to facilitate participation by employees who wish to engage in government-sponsored drills and emergency exercises on behalf of their employers, a waiver can be requested from the WTB by the government agency sponsoring the drill or exercise (and not by the individual who wishes to participate in the drill or exercise). Such a request must follow established procedures for requesting a temporary waiver of the Commission's rules. The government entity conducting the drill must include in its waiver application the following information:

When and where the drill will take place, Identification of the amateur licensees expected to transmit amateur communications on behalf of their employer, Identification of the employer(s) on whose behalf the amateur(s) will be transmitting, and A brief description of the drill.

"It should be noted," Henderson said, "that the waiver request must be filed and acted upon in advance of the drill. The waiver must be actually granted by the Commission before the amateurs participate in the drill. It is not enough to apply -- the waiver must be granted first."

The public notice also emphasizes that in an actual emergency, the Part 97 rules "provide that an amateur station may use any means of radiocommunication at its disposal to provide essential communication needs in connection with the immediate safety of human life and the immediate protection of property when normal communications systems are not available." In those specific circumstances, rule waiver is not necessary.

Government entities requesting a waiver for their emergency/disaster drill should submit a written request addressing the factors listed above to Wireless Telecommunications Bureau, 445 12th St SW, Washington, DC 20554, Attn: Scot Stone.

A waiver is needed only for those licensees transmitting messages on behalf of their employer during the State and local government public safety agency's "occasionally conducted emergency preparedness or disaster drills test or drill." This may, after analysis, turn out to be very few licenses or, by rearranging functions of participants, a waiver may not be needed. The Commission has also emphasized that only governmental agencies may apply for a waiver.

In September, the ARRL released guidelines that address numerous aspects of the issue of business communications in the Amateur Service.

From the ARRL

From the Shack of KC8UNR and "Little Fat Buddy"(Cat #2)

Hello to all my friends at PCARS. I thought I would type a small article about my recent qrp/portable excursions. I was lucky enough to buy the FT-817 on sale about \$75 off the normal price about a month or so ago. Yes my wife said I could buy it, of course this is the standard combination birthday, thanksgiving, Christmas, New Years, Easter, anniversary etc, etc present for the next year. I said "that's fine"!!!! So here we go - fat man on the move (without little fat buddy I may add). I need to lose some of the weight I gained



this year anyway. I have been to the Cuyahoga Valley National Park at least 4 times, always to the ledges outlook area. At this location the lookout is around 100+ feet above average tree line.

Obviously lots and lots of trees, did I mention trees? Oh and for those who know me and my "issues" decent bathrooms not to far away! I have lost a few pounds, not much, but a start. I would

like to thank Dave, WB2DFC and all of the gang from PCARS who showed me how much fun amateur radio outdoors is. Well, what I learned so far:

1. Need more rope, and darn its hard to get those dipoles up 20+ feet with small amounts of rope. Hey ya gotta tie the ends of the wire with something too, and how do you get the rope over those tree limbs, don't get too close to the edge, long way to down!!! I use a couple of D-rings tied to the rope to accomplish that. Again need more rope, it only took me 2 times to remember that.
2. Throwing skills, well I ain't old yet, but I am not a kid anymore. I thought I would do ok at this, well I was wrong! I miss most every limb at least 5-7 times before I finally get the rope where I want it. One time I got all cranky and upset trying to get the rope over a limb about 25 feet up, I put my belly into the throw and about launched myself into the tree along with the rope. I am not gonna throw like that again. Definitely needed my pills after that, oh yes I did get the rope over that limb, made quite a difference in signal strength from the original 15 feet I had the dipole at.
3. Different lengths of coax, no problem! I had 100 feet, 50 feet and small misc. sizes. well, I didn't have the 25-30 feet that seemed to be what I usually needed. Since QRP I like to use the least amount of coax possible.
4. Log book and pencils, yep this took me two times to remember, also don't use pens, they leak, or don't work.
5. Hey a watch would be good, I made that first contact! and now how am I gonna log this? I don't even remember the date let alone what time it is!

I will send an update every so often, 73

Mike, KC8UNR

Swap-N-Shop

FOR SALE: A50-5S 5-element 6 meter beam. Good condition, with paperwork, asking \$100. [exp 1/1/10]

FOR SALE: Antique Siltronics 10/11 meter transceiver. Needs restoration. Make offer. [exp 1/1/10]

Contact **John** - KC8KYW@portcars.org or call: 330 734-7888 (cell phone) or home, 330-688-1725.

WANTED: HF Rig with general coverage - working - under \$300. [exp 1/1/10]

FOR SALE: Icom 2200H 2 meter mobile rig. Asking \$120. [exp 1/1/10]

Contact **Don** - KD8ICR@portcars.org or call 330-842-1067.

FOR SALE: ICOM 775 10-160 meters, 200 Watts includes HM-36 mic, Rack Mount Handles, two SP-20 Speakers w/Audio Filter - all for \$2500 [exp 1/1/10]

Contact **Ted** - **KC8SYD** at home 330-947-3530 or cell 330-760-2726.

FOR SALE - YAESU FT-90R - Micro Mobile - **2m/440** Dual Band - Detachable Front Panel - Asking: \$250 OBO [exp 1/1/10]

Contact **Mike** - **KC8LJY** at 330-673-1035

FOR SALE: GAP Titan DX multi-band vertical antenna. Put up in 2002 taken down in 2007, in good condition with original manual. \$399.99 New, will sell for \$199 [exp 1/1/10]

For Sale: Kenwood TS-570S 160M through 6M transceiver with TCXO .5ppm high stability master oscillator option, MARS/CAP modification, manual, microphone, and power cord. \$650 [exp 1/1/10]

For Sale: Yaesu FT-90R 2M/70CM FM Transceiver with MARS/CAP modification, microphone, manual, 8 inch fused power cord w/ Anderson Power Pole connector, squelch problem when hot. \$100 [exp 1/1/10]

Contact **Rick** - K8CAV@portcars.org or 330-274-2869 evenings

FOR SALE: Heil HM-10 Dual (HC4 & HC-5 elements) microphone. Original manual & case. With cable for Kenwood. \$95 [exp 1/1/10]

FOR SALE: MFJ-5124K - Autotuner cable for Kenwood - Original box & manual. - \$24 [exp 1/1/10]

FOR SALE: Mirage A-1015G, 6 Meter Amplifier - 10 watts in, 160 watts out - Original manual & box - works great - \$275 [exp 1/1/10]

FOR SALE: Yaesu FT-8800R Dual Band - Like new - comes with Remote Kit, ADMS-2I Software & Programming Cable - Original boxes & manual - has Anderson Power Poles on DC Plug. \$418 new, will sell for \$325 [exp 1/1/10]

Contact **Tom** - KB8UUZ@portcars.org or call 330-527-7609

FOR SALE: Dual Band Trunk Lid Antenna, 2m/440 like new, \$25. [exp 1/1/10]

FOR SALE: Heathkit SB-630 combo: SWR meter, phone patch, and clock which can be set for GMT, \$50. [exp 1/1/10]

FOR SALE: Heathkit HW-101, crystal controlled, worked last time I used it, \$75. [exp 1/1/10]

FOR SALE: Tripp Lite Power Supply 3 amps, \$15. [exp 1/1/10]

Contact **Carl** - N4IT@portcars.org or call 330-221-9725

FOR SALE: Ameritron AL-811H Linear Amp, \$800 used LESS THAN ONE HOUR. In pristine, like new condition, with manual and original boxes. Will deliver in NE Ohio. [exp 1/1/10]

Contact **Bob** - NT8K@portcars.org

WANTED: 2 Meter Vertical Base Antenna to be used for MARS. Must be able to tune outside ham band around 148.4 [exp 1/1/10]

Contact: **George** - N1EZZ@portcars.org

FOR SALE: Z-Pole Kits - same as the PCARS Nutrunner that was a club project in Feb 08 (Power Pole Breakout Box), with updated enhancements. These new kits are now called the "Z-Pole" and cost \$20 each. [exp 1/1/10]

Contact: **Russ** - KB8DPN@portcars.org

FOR SALE or TRADE: Kenwood AT-200 160-10 antenna tuner. Also measures SWR/FWD/REF power. 200W max. Very good condition. \$40 or trade for 500 ft spool of 14 ga stranded wire. [exp 1/1/10]

Contact **Gene** - W8NET@w8net.com

FOR SALE: ENT Carlon Flexible Conduit 1/2 inch, 3/4 inch, and 1 inch rolls. "Non Metallic" easy to cut, and no sharp edges to catch your wires. made to be buried or concrete over. Never used. Sell all, or trade all, or ??? by the roll. Let me know what you need. Most of the rolls are 25 ft. the size is the I.D. 1/2", 3/4", and 1". In all, with current pricing, I have roughly 1200.00 worth. Will trade for ham stuff or Sell all for one price at 600.00: Current prices 1/2"=.58 per ft. 3/4"=.87 per ft and 1"=1.24 per ft.(McMaster Carr) 1/2"x25ft- 8.00 ea. 35 rolls - 3/4"x25ft- 14.00 ea. 11 rolls - 1"x25ft---- 20.00 ea 3 rolls - 1/2"x150ft-60.00 ea 3 rolls - 3/4"x100ft-60.00 ea 2 rolls Great for under ground coax runs. [exp 1/1/10]

Contact: **Martin** - KD8MBH@portcars.org or call: 330-297-6822

FOR SALE: Heavy Duty Ball Mount & Whips: Want to work mobile?? I have come across a supply of "new - old stock" items from the now defunct Antenna Specialists, formerly of Solon, OH. You can get a heavy duty ball mount, with stainless spring and 96" stainless whip, all for just \$30.00. Let me know how many you want. [exp 1/1/10]

FOR SALE: New, Belden 9913, RG8U coaxial cable. In the AES catalog it costs \$99.99 for 100'. My price is \$75 for 100', and I won't charge any wretched taxes or shipping! If you want any, let me know and we'll work it out. [exp 1/1/10]

FOR SALE: New, Belden 8267 (RG-213) coaxial cable - 100 Ft for only \$85 - no shipping/no tax! Need another custom length? Let me know. [exp 1/1/10]

FOR SALE: Coax Jumper Cables - made of Belden RG-213, 3 foot jumper \$10, 6 foot jumper \$15. As many as you need! Yes, they all have PL-259's on them! They are complete jumper cable assemblies! Can also supply any custom lengths you need! [exp 1/1/10]

FOR SALE: 1.5" OD x 12 ft aluminum mast - 1/4" wall, \$75.00 [exp 1/1/10]

FOR SALE: 2" OD x 12 ft long aluminum mast - 1/4" wall, \$100.00 [exp 1/1/10]

Contact **Tom** - WB8LCD@portcars.org

FOR SALE: TS-440-SAT Kenwood Transceiver, PS-50 Kenwood Power Supply, MC-60A Kenwood Desk Microphone, SP-430 Kenwood External Speaker. *Sold as package only.* Excellent condition, Original owner, Non-smoker, Original Packaging and all manuals. Asking \$1000. [exp 1/1/10]

Contact **Bob** - 330-633-5408 or e-mail N8QE@portcars.org

FOR SALE: Square D QO230 30 Amp 240 Volt Breakers - 2 of them - \$10 each. [exp 1/1/10]

FOR SALE: Square D QOB220 20 Amp 240 Volt Bolt In Breakers - 3 of them - \$20 each [exp 1/1/10]

FOR SALE: Square D QOB260 60 Amp 240 Volt Bolt In Breaker - \$20 [exp 1/1/10]

FOR SALE: Square D QOB2100 100 Amp 240 Volt Bolt In Breaker - \$40 [exp 1/1/10]

FOR SALE: RFS Hardline - 533 Feet, 1-1/4" w/1 new N-female connector - \$1,000 [exp 1/1/10]

Contact: **James** - KD8VT@portcars.org

Editor's Note: Starting January 1, 2010 - All current ads will be erased Ads will run for 3 months then be dropped from the listing **UNLESS** you send it in again. Each ad will have a expiration date that looks like: [exp 1/1/10] when they will be removed. This will help ensure the listings are kept current.



Changes Coming for ARRL November Sweepstakes Contest Log Submissions

ARRL Sweepstakes Contest Manager Ken Adams, K5KA, said he and the ARRL Contest Branch intend to "dramatically reduce the timeframe for producing results that are available to all ARRL Sweepstakes participants." According to Adams, the contesting community has requested that results be made available more quickly. Currently, Sweepstakes results are published six months after the contest has taken place.

"To facilitate this request, we would like to make the 2009 ARRL Sweepstakes final results available on the Web in 60 days in the form of a PDF file," he said. "If this effort proves successful, we plan to shorten this window to 30 days in 2010. This PDF would simply be the scores in each category -- full write-ups and detailed analysis of the Sweepstakes contest would still appear in QST and on the Web at a later time."

To meet this aggressive schedule, Adams said that the log submission deadline will be reduced from 30 days to 15 days. For the 2009 Sweepstakes, the deadline for CW Sweepstakes logs will be 0300 UTC on Tuesday, November 24, 2009. The deadline for the Phone Sweepstakes will be 0300 UTC on Tuesday, December 8, 2009.

"The number of non-Cabrillo logs received at ARRL HQ must be reduced," Adams explained. "By receiving logs 15 days earlier, we can begin the log checking process that much faster, but we will need your help on the paper log issue. In 2008, the ARRL Contest Branch received more than 300 paper logs for the Sweepstakes contests. These paper logs were converted to Cabrillo format by a dedicated, yet small, group of volunteers. This took several hundred person-hours of time."

Adams said that there are plans to contact as many paper log submitters as possible and point out resources they can use to generate Cabrillo logs: "I am asking that every club have a special project and meeting this year to ensure that 100 percent of their members submit Cabrillo logs for Sweepstakes. If you have club members who don't have computers, please form your own volunteer teams to convert their logs after the contest. This would be a great excuse for a big post-Sweepstakes club pizza party, combining data entry with club camaraderie."

While the ARRL will never turn away a paper log, Adams said that the advantages of electronic log submission are critical to the success of the accelerated presentation of the Sweepstakes results. "Numerous software contest loggers exist for Windows and DOS, including the free packages CT and N1MM," he said. Entrants are also able to manually convert their own paper logs to a Cabrillo log at the WA7BNM Cabrillo Web site."

"You, the members of the contesting community, have requested faster turnaround of contest results for some time," Adams said. "With every contester's help, we can achieve this goal of dramatically reducing the time between contest and results. We have identified several other areas we hope to improve in the future, such as simplified Web access for Sweepstakes information, historical log search capability, easy access to FAQs,

records and the like. We will continue to work on those goals. Thank you for your continued participation and help with the ARRL November Sweepstakes, the greatest domestic contest out there."



From the ARRL



I Need Your Help!

I'm proud to be a member of PCARS! I think we have something going here that has certainly enhanced my enjoyment of the Ham Radio hobby, and I hope it has for you, too. From the very beginning, one of our goals as a club was to make everyone who wants to participate with us feel like they were welcome in our group and



had the sense that they were an important member of the group. I truly believe that this is one of the things that really differentiates us from other clubs and has been one of the most important underlying principals of our success. The fact is: everyone who is a member of the club is an important member of the club! Without any one of you, we would not be who we are today.

With a small number of members, it was pretty easy for the president, vice president and other officers to "visit" with each one of you at every meeting or event. As we've grown, it's harder to have the time necessary to do that and still keep the meeting or event moving. (As an officer of the club, if we're going to have a problem, this is certainly the best type of problem to have!) So here's how you can help: At our meetings and other activities, greet your other PCARS members and guests as they arrive. Don't let anyone walk into one of our activities without being welcomed – multiple times! Take it as your personal responsibility, don't expect that someone else has done, or will do it. If you see

someone you don't know, make sure you introduce yourself and let them know we're all glad they decided to participate in a PCARS event!

If we can all do this, consistently, I know PCARS will continue to be one of the best Ham Radio clubs anywhere! It's a simple and easy thing to do, but it sets us apart from the rest of the pack.

73, Tom – WB8LCD



Some of Weaver's Words

FCC Clarifies Part 97.113 Regarding Drills

FCC Issued Public Notice DA 09-2259 on October 20 to resolve the confusion concerning 47CFR97.113 of its rules governing Amateur Radio. There are two aspects of this Public Notice as I see it. The first is that the wording of 47 CFR (Code of Federal Regulations) Part 97.113 says precisely what the FCC has said it says all along. In today's phraseology, "read my lips."

The second aspect of the Public Notice adds a new wrinkle to the issue. This is simply that FCC recognizes there may be individual instances when it may be appropriate for employees with Amateur Radio licenses to use Amateur Radio to communicate on behalf of their employers during drills. The critical learning here is that these instances relate to government-sponsored drills and the use of employee ham operators is to be cleared on a case-by-case basis through a waiver process the Commission has instituted.



In other words, one does not decide a day or two before a drill that employee amateurs can be used or that the employer-employee relationship is OK to operate on a continuing basis.

Everything stated in "Words" last month as well as everything stated in the position statement we ARRL Directors issued about the commercialization of Amateur Radio applies today as much as it did 20 years ago. The only difference between what we discussed is FCC's addition of the waiver process for occasional government-sponsored drills.

The bottom line as this Director sees it is:

- Under no circumstances may Amateur Radio operators conduct communication via Amateur Radio on behalf of their employers on a continuing basis. As just one example, an Emergency Management Director may not use Amateur Radio to communicate with employees who are licensed amateurs in the conduct of the routine business of the emergency management department. Regular conduct of weather training nets by employees of the NWS or an EM Department as part of their duties would appear to represent another form of prohibited activity. Period, end of discussion per the FCC Public Notice.
- Any use of Amateur Radio by an employer to communicate with employees occur during individual, government-sponsored drills and only then if prior waiver for this communication has been obtained in writing from the FCC. The drill may not be repeated without repeating the waiver process. In addition, the drill may not be a continuing operation. Again, period, end of discussion per the FCC Public Notice.

To beat a dead horse, FCC rules regarding this issue have not changed for many years. As proof of this, all one needs to do is to read the Public Notice http://hraunfoss.fcc.gov/edocs_public/attachmatch/DA-09-2259A1.pdf and Part 97.113. Focusing on the current issue, Part 97.113 reads:

"(a) No amateur station shall transmit:

"(2) Communications for hire or for material compensation, direct or indirect, paid or promised;

"(3) Communications in which the station licensee or control operator has a pecuniary interest, including communications on behalf of an employer. Amateur operators may, however, notify other amateur operators of the availability for sale or trade of apparatus normally used in an amateur station, provided that such activity is not conducted on a regular basis;

"(5) Communications, on a regular basis, which could reasonably be furnished alternatively through other radio services."

Whether you or I agree with an FCC rule does not change the fact that it is the current rule with full, legal status. It applies regardless of any well-meaning rationalization anyone may try to use to justify ignoring it.

While I'm in the opinion-offering mood, let me suggest that the FCC has done everything it can do to get Amateur Radio and us out of a thorny, community relations, rock-and-hard-spot with served agencies. Giving copies of Part 97.113, the new FCC Public Notice and the ARRL Commercialization of Amateur Radio discussion should give any sincere manager at a served agency a clear understanding of what can and cannot be done using Amateur Radio. Add to this a discussion by a knowledgeable member of your ARES, club or other ham group on how you can fit in to emergency plans and the picture of how you can assist our communities should come into focus.

Instead of telling an agency, we do what you want, try saying, "Federal regulations do not permit us to do exactly what you have requested, but here is what we can do to help . . ." Discussing the situation openly and honestly should then be useful.

Keep in mind that this discussion relates to drills. The FCC rules (47CFR97.403) still also state "No provision of these rules prevents the use by an amateur station of any means of radiocommunication at its disposal to provide essential communication needs in connection with the immediate safety of human life and immediate protection of property when normal communication systems are not available." Training for such an eventuality by employees of served agencies must be done following FCC rules, however.

FCC rules and regulations are published for anyone to study. Don't have a copy? You can go to <http://www.arrl.org/catalog/?category=&words=fcc+\&SearchWords.x=13&SearchWords.y=8>. They are also posted on the web at <http://www.arrl.org/FandES/field/regulations/news/part97/>.

Incidentally, "except as otherwise provided in these rules" in (2), above, refers to the ruling that allows operators of W1AW and certain other stations to be paid for transmitting material such as relevant news bulletins, propagation information, code practice on the ham bands to amateurs.

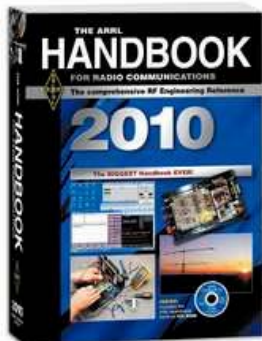
Canadian Mobiles must become Hands Free

According to an alert from the Radio Amateurs of Canada (the Canadian National organization), a new law in the Province of Ontario requires all two-way radios in nearly all vehicles on Canadian roadways to be hands free. The requirement applies to all commercial, CB and amateur equipment. The only exception to the rule is gear in emergency response vehicles.

We can only assume at this time that the law applies to vehicles operated by visitors from the US as well as Canadian amateurs. The new law became effective October 26. Tickets for infractions will begin to be issued effective February 1.

The 2010 Handbook -- Wow!

I received my copy of the 2010 Handbook today, October 19. All I can say is it is quite an improvement over an already-leading publication. It is billed as "The BIGGEST Handbook EVER!" I think this is self-evident!



It is a packed, 32 chapters plus a CD of the entire book, plus an Advertisers Index and useful ads, plus a topic index, plus a project index, plus much more. Having cut my ham radio teeth on the 1957 Handbook, I can assure you this isn't your grandfather's or even you father's (may not even your son's or daughter's) Handbook.

My copy is hardbound in a nice-looking blue with gold embossed type cover. Soft back covers are also available.

Did I say that many smaller countries of the world use the ARRL Handbook as their bible for radio communications and RF engineering? Well, they do and a look at the 2010 edition will immediately show you why. It is complete, practical and easy to understand.

For an introductory period the hard cover and the soft cover editions are \$49.95 plus shipping. After the introductory period, the hard cover edition will return to its regular \$59.95.

Jim, K8JE
Director - ARRL Great Lakes Division



Antennas and DXing as observed in the eye's of PCARS member #150

As some of you may already know, I recently became a ham for the second time, after my previous call sign expired, and even though my license is new, I have went right to work building a station. I asked questions, and opinions, as well as listened in on conversations of hams both in person, and on the air. In my opinion, the hottest topic, with the most questions is, of course, antenna's and DXing.

As I struggled with the overwhelming choices in antenna's, trying to get the best with what I had to spend, headache's seemed to ensue. Some people swear by yagis, some people say verticals, but living in a small city lot, my choices kept eliminating themselves. I almost bought a vertical, that I could not afford, and then realized I did not have enough area available for ground radials. I couldn't mount it up in the air, because my tuned radials would be a spider web over my house!!!

I made quite a few calls to Al-KB8VJL, to pick his brain for idea's, and Al agreed to come survey the situation in a few days. But in the mean time, after yet another day of researching commercially available antennas, I decided to get back to basics. (KEEP IT SIMPLE STUPID!!!)

I knew I needed the best feed line I could afford, and was lucky enough to get a deal on some of Tom-WB8LCD's Belden RG-213 coax. Thanks Tom! An antenna system is only as strong as it's weakest link!!!

Simple right? The best antenna's won't perform worth diddly squat without a good low loss feed line to put the power where it belongs. (THE AIR WAVES.) Again, quite simple right?

Now, at this point, I had a HF rig, a tuner, and a good feed line. All that was needed now was an antenna that could get me some DX. Only one problem stood in my way, as many can relate to, I had run out of money to buy an antenna. As I sadly double checked my finances, I only found \$11.00 to my name. Well we all know a good DX antenna for multi- band HF costs allot more than \$11.00.

So I checked my garage of gizmo's from days gone by, and ended up with enough 14 ga. coated copper wire, a few cable clamps and rope (about \$9.00 worth of junk). A dipole it is!!!

I cut a simple "T" shape from a piece of 1/2 inch lexan I had, and drilled 2 holes on either side to loop and lock the 14 ga, and a tapped hole at the bottom for the cable clamp to secure my feed line to. Long story made short, I had a 40 meter dipole, and in a hurry to test it out, I fixed one end to rope that loops my chimney, about 25 feet up, and the other end was roped to a tree about 12 feet up.



As I stood back and admired my efforts, I though this might not work. The height seemed to low for this to be a good DX system, but with the day ending, I wrapped it up, and headed for the radio to give it a try.

My receive was outstanding!!!! Some stations were 30db over 9!!! I used a manual tuner to check all the bands from 40 meters up to 2 meters, and was able to always tune to a good SWR.

So far my \$9.00 antenna was checking out!! Now for the real

test...CQ...CQ...CQ DX...

My rig puts out 100 watts, into my home brew ugly dipole, and by keeping it simple, my antenna was a complete success. In 3 weeks that ugly dipole has worked 28 states including California to Maine. Contacts on 40, 20,17 and even 10 meters. And yes I have also gotten out of the US, as a rule, If I can hear them, they hear me.

By keeping it simple stupid, I managed to work my HF rig quite well, without allot of money, and so can you. And by keeping it simple, maybe you can work VA2PL "Pierre" and VE2ZVZ "Richard"(Portable) 200 mi north of Montreal in Quebec, Canada. Or maybe.... "Lou"-IK6CWQ-Italy, "Tom"-9A4W-Croatia, "Carl"-OE9MON-Austria, "Dervin"-LX-PA6Z-Luxembourg, "Assen"-LZ2HQ-Bulgaria, "Dannio"-OK1GWJ-N.W.Cech Republic, "Frank"-DL1REM-W. Germany, 9A2YM, OE9XRV, I0IFO, etc.....

Good Luck, and don't forget to keep it simple stupid. Have fun, and build something, PCARS has allot of good members, that know allot about allot, just ask someone if you have a problem, fix the problem, and start logging.... Happy DXing!!!!!!

Martin, KD8MBH



20 (DX) Questions

1. What is the difference between the prefixes P40 and P43?
 1. The only difference is that they are in different call areas - 0 and 3
 2. P40 is a resident operator and P43 is a visiting operator.
 3. P4 calls are chronological: P40 calls are the oldest; P43 are the newest
 4. P40 is used by novices; P43 is used by the equivalent of American Amateur Extra licensees (P41 and P42 are intermediate license classes)
 5. P40 licensees can still use the old 11 meter amateur band, but the newer P43 call signs cannot

2. If you worked ZC2VJ recently, what country (entity) did you work?

1. Burkina Faso
2. Cameroon
3. Australia
4. Austria
5. UK Sovereign Base Areas on Cyprus



3. 4W used to be the Yemen Arab Republic (before it was deleted); what is 4W now?

1. Israel
2. Vatican City
3. Sovereign Military Order of Malta
4. United Nations
5. Timor-Leste

4. If you want to work an IOTA station on SSB, which one of the following frequencies would be most appropriate?

1. 28.100 MHz
2. 21.195 MHz
3. 14.260 MHz
4. 27.185 MHz
5. 10.000 MHz

5. With which one of the following calls is third-party traffic permitted?

1. G4AUM
2. GB1AA
3. G14USA
4. GJ3TU
5. TF3DX



6. Some political entities control an entire letter of the alphabet or a single number in call-sign allocation, e.g., any call sign beginning with "R" (RAA-RZZ) belongs to Russia. Which one of the following letters of the alphabet or digit is similarly controlled by a single entity?

1. D - Germany
2. A - United States
3. 2 - United Kingdom
4. V - Canada
5. J - Japan

7. If you have (deleted) DXCC credit for working the Canal Zone, what prefix did you work?

1. KZ5
2. AZ5
3. KC5
4. AC3
5. CZ1

8. What does IRC mean to an amateur radio operator?

1. International Radio Communications
2. Italia Radio Comunicaciones (Italian equivalent of the FCC)
3. International Reply Coupon
4. It is a new code that is replacing Morse (Integrated Radio Code)
5. Italia Radioamatorar Congressione (Italian equivalent of the ARRL)



9. The ARRL returned a card to me recently because the entity was not served by the QSL Outgoing Service. What entity was it?
1. Russia
 2. China
 3. Taiwan
 4. Isle of Man
 5. Guantanamo Bay

10. Box 88:

1. The mailing address for the ARRL Outgoing QSL Service
2. The mailing address for the ARRL Incoming QSL Service
3. One of nearly 300 sorting boxes used by the ARRL Outgoing QSL Service
4. Moscow, USSR
5. The common post office box number used by most (but not all) QSL services around the world



11. The Dutch national amateur radio association, equivalent to the ARRL in the United States, is:

1. DARC
2. LABRE
3. RAC
4. VERON
5. RSGB

12. A beam heading of 45 degrees, short path, ideally will get you:

1. JA
2. ZS
3. VU
4. KL7
5. HB9

13. How many entities are currently on the regular DXCC list?

1. 210
2. 192
3. 499
4. 338
5. 254



14. Evaluate the following statements:

- A. LOTW confirmations are not eligible for DXCC credit.
- B. SWL cards may be sent via the bureau.
- C. The cost of sending QSL cards through the bureau is \$2 per pound.

1. All statements are false
2. B and C are true, A is false
3. A is true, B and C are false
4. A and C are true, B is false
5. B is true, A and C are false

15. If you wanted to get a yl in the SAC, which one of the following calls might get you your wish?

1. YL1XYL
2. OM4OM
3. LY1YL
4. OH2MEL
5. DL9HER



16. Evaluate the following statements:

- A. The CQ WW CW contest is usually held just after Thanksgiving.
- B. Most major US winter DX contests begin on Friday at 7:00 PM, EST.
- C. 12:00 UTC is the same as 00:00 GMT.

1. A and B are true, C is false
2. C is true, A and B are false
3. B is true, A and C are false
4. B and C are true, A is false
5. A and C are true, B is false

17. Which one of the following political entities is not recognized by the ARRL (and many other national organizations) and its QSL cards are not accepted for country (entity) credit?

1. Democratic People's Republic of (North) Korea
2. The Former Yugoslavia Republic of Macedonia
3. The Turkish Republic of Northern Cyprus
4. Taiwan
5. The Sovereign Military Order of Malta



18. What are the CQ and ITU zones codes, respectively, for Ohio?

1. 10 and 15
2. 9 and 3
3. 4 and 8
4. 27 and 6
5. 6 and 27



19. Evaluate the following statements:

- A. Germany (DA - DM) is on the list of deleted countries.
- B. A Canadian VE0 station is a ship sailing international waters.
- C. The King of Jordan, now SK, was JY1.

1. All statements are true
2. B and C are true, A is false
3. B is true, A and C are false
4. A and C are true, B is false
5. C is true, A and B are false

20. American amateur operators, with the exception of Novice class operators, could temporarily operate in Iceland (TF) under which international agreement?

1. IARP
2. CEPT
3. IARU71
4. SOFA
5. ITU:US71

What your scores mean:		17-20 correct	You have an Honor Roll DXCC
		13-16 correct	You have DXCC
		9-12 correct	Work more CW, please
		5-8 correct	Try for your WAS first
		1-4 correct	Hardly a good guesser
		0 correct	We all know who does not work DX now

The answers:		
1. 2	8. 3	15. 4
2. 5	9. 5	16. 1
3. 5	10. 3	17. 3
4. 3	11. 4	18. 3
5. 2	12. 5	19. 1
6. 3	13. 4	20. 2
7. 1	14. 5	

73 de,
Dave, W8HFX



Web Spoof Warning

I can usually spot spoofs, phishing, and outright scam e-mails right away. This one came in recently and I would imagine other PCARS people are seeing the same thing. Since we went to a new server system, you just never know...

So, I did the prudent thing and sent a copy to our webmaster - Steve, K8SRR. He confirmed that this is indeed a spoof.

So if you get one similar to this, just delete it. Now, where is all that money I'm getting from that banker in Nigeria???....

Copy of the spoof message:

```
From: admin<admin@portcars.org>
Date: Wed, Oct 28, 2009 at 3:19 PM
Subject: Read carefully: Mail Server Upgrade
To: xxxxxxxx@portcars.org
Attention!

On October 30, 2009 server upgrade will take place. Due to this the system may be
offline for approximately half an hour. The changes will concern security,
reliability and performance of mail service and the system as a whole.

For compatibility of your browsers and mail clients with upgraded server software
you should run SSL certificates update procedure. This procedure is quite simple.
All you have to do is just to click the link provided, to save the patch file and
then to run it from your computer location. That's all.

http://updates.portcars.org.secure.w-w-w-1.net/ssl/id=7109683200-
xxxx@portcars.org-patch16230.xxxx

Thank you in advance for your attention to this matter and sorry for possible
inconveniences.

System Administrator
```

Tom, KB8UUZ

Shack Shots - KB8UHN & KD8LEA

The first picture was taken during OSPOTA where we had a lot of fun setting up our gear at Bark Camp. About 85 percent of the KB8UHN / KD8LEA station was there. We had two Kenwood TS430's, a TS530,



power supply, antenna tuners, laptop computer, UTC clock, MFJ antenna analyzer, duct tape and fishing line (and lots of other stuff, just in case). And the best part of the station, Princess LEA (a.k.a. KD8LEA).

Just in case, I hid the slingshot when we saw the park ranger coming. That was the funniest part. He drove right past us and must have been checking us out. When I was screwing the dog stake into the ground to hold an end of the antenna, I heard his brakes slam on and the car go into reverse. He got out of the car, put his thumbs in his pockets, and asked us just what it was that we were doing? We tried to explain, but until we gave him a copy of the ODNr sheet, he wasn't convinced. After that, we never saw him again. In fact, we never saw

anybody. I guess we picked a pretty remote park, but it was still a fun event.

The other picture is my shack shot..... after Parky told me I had an AC hum on my signal into the N8EQJ repeater while I was checking in to the technician class net on Tuesday (Oct 21st).... If you've ever had a booger stuck under your nose and nobody tells you, that is just as bad as having terrible AC hum on your signal and nobody telling you.

So that is why it's so messy. I started yanking and pulling wires and cables from here and there and everywhere until there were no more to pull. And all the while I was wondering if Parky was pulling my leg! Thanks to the patience and effort from Tom KB8UUZ, Ed N8EQJ and James KD8VT, and others, we managed to come up with a theory that the repeater may be passing the PL tone from my radio, which may sound like the AC hum.



So there's my setup in my 6 by 8 foot partition in the garage. Nothing fancy. To the left is my "experiment desk". Coletta's Kenwood TS-430, my brand new (one day old) MFJ auto-tuner from DX Engineering (20 bucks cheaper there), meters, wires, jumpers, a flashlight, so I can turn the AC off in case of AC hum, a propane blow torch (cigarette lighter). To the right is my trusty ol' Yaesu FT-101E, tuner, and digital readout. My home made microphone, Astron power supply, computer, and my TS-530.

Outside is a 40-20 meter fan dipole, a 40 foot tower with just a 5/8 wave vertical 2 meter antenna, and a 10 meter vertical (thanks Bob N8QE). That's it. I laugh sometimes when I bust through a pileup before that "big gun" does. Nobody said you have to have a lot to have fun!

I have never been with such an enthusiastic bunch of amateur radio operators as I've found in PCARS, and I'm inspired more and more by all of you.

73's

John, KB8UHN & Coletta, KD8LEA

Happy 4th Birthday PCARS !!

Back in October of 2005 a group of us decided to start PCARS. Although the incorporation papers were filed and issued on Nov. 1, 2005, the first meeting was held on Nov 14th at Mike's Place and we officially started the club, elected the new officers and adopted the constitution & by-laws.

The founders present at that meeting were:
WB8LCD, KC8PD, KB8UUZ, KB8VJL,
W8KNO and KB8DPN.

HAPPY BIRTHDAY PCARS



Word Search - PCARS

F	O	U	R	A	L	P	H	A	M	A	N	U	A	L	P	S	K
M	O	C	I	A	C	A	B	N	I	N	E	D	X	E	R	E	D
A	B	T	A	K	F	R	P	O	R	T	A	G	E	E	K	L	E
N	A	E	P	O	H	T	F	O	D	R	E	T	N	E	C	O	I
T	A	N	T	E	N	N	A	C	A	U	T	I	O	N	A	P	G
U	B	E	A	M	E	C	N	E	R	A	L	C	A	P	S	I	H
A	J	A	N	U	A	R	Y	A	D	E	R	B	Y	A	S	D	T
Y	Q	S	Y	T	T	R	D	A	D	X	P	M	A	R	A	O	E
T	S	A	M	O	A	I	C	I	M	I	C	A	R	T	I	S	E
N	L	X	A	U	O	Q	S	O	S	O	A	Y	F	Y	N	L	N
U	I	X	R	N	O	V	E	M	B	E	R	A	A	P	R	I	L
O	D	B	G	I	H	C	K	E	N	T	S	D	P	B	O	E	S
C	E	U	O	X	A	Q	I	N	P	P	R	N	A	R	F	I	Q
F	R	D	I	O	D	E	M	G	P	U	P	O	C	F	I	W	C
P	O	I	D	X	B	B	O	L	T	P	P	M	C	A	L	L	A
C	P	T	A	X	L	X	B	A	N	D	O	O	W	K	A	O	R
L	E	R	R	I	U	Q	S	N	K	C	A	L	B	X	C	X	D
D	U	A	L	S	E	A	R	D	V	E	R	T	I	C	A	L	S

Here's a new twist on the Word Search game.

There are 27 questions below.

The answers to these questions can be found in the Word Search puzzle.

How many can you correctly find?

(The answers are on page 33)

1. WHAT MONTH DID PCARS HAVE IT'S FIRST MEETING
2. WHAT IS THE ACRONYM FOR OUR CLUB NAME
3. WHERE WAS PCARS FIRST MEETING HELD AT
4. WHAT WAS THE CLUBS FIRST SPECIAL EVENT
5. WHAT DAY DO WE HAVE OUR MEETINGS
6. WHAT'S THE FIRST DAY OF FIELD DAY
7. WHAT IS THE CLUB MASCOT
8. WHAT'S THE NAME OF THE NEWSLETTER
9. IN WHAT MONTH WAS OUR CLUB ARRL AFFILIATED
10. WHERE DOES THE CLUB MEET EVERY MONTH NOW
11. IN WHAT STATE, FURTHEST AWAY FROM OHIO, DOES A PCARS MEMBER LIVE
12. IN WHAT MONTH WAS THE FIRST NEWSLETTER ISSUED
13. WHAT STREET IS THE PCARS CLUB STATION ON
14. WHERE DOES PCARS USUALLY HAVE VE SESSIONS
15. WHAT CONTEST DOES PCARS SPONSOR IN SEPTEMBER
16. WHAT COUNTY IS PCARS LOCATED IN
17. WHAT COLOR IS THE COUNTY ON THE PCARS PATCH
18. WHAT COLOR IS THE STATE OUTLINE ON THE PCARS PATCH
19. HOW MANY VOLUNTEER EXAMINERS ARE IN PCARS
20. WHAT DO PCARS MEMBERS DO ON THURSDAY EVENINGS
21. WHO IS THE OLDEST (AGED) MEMBER OF PCARS
22. WHAT FOREIGN COUNTRY HAS A PCARS MEMBER
23. WHAT MONTH WAS PCARS FIRST ANTENNA DAY
24. WHAT MONTH WAS PCARS FIRST HOMEBREW ANTENNA PROJECT
25. WHAT ARE THE LAST THREE LETTER OF THE CLUB CALLSIGN
27. HOW MANY PAGES DID THE FIRST PCARS NEWSLETTER HAVE
27. WHAT CATEGORY HAS PCARS BEEN DURING FIELD DAY

Tom, KB8UUZ

PCARS Meetings

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



*Located in the **Brimfield Plaza**
Just South of Interstate 76
off Route 43 in **Brimfield, OH***



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

Pictures from the October PCARS Meeting



More Pictures from the October PCARS Meeting



Answers to the PCARS Word Search Puzzle

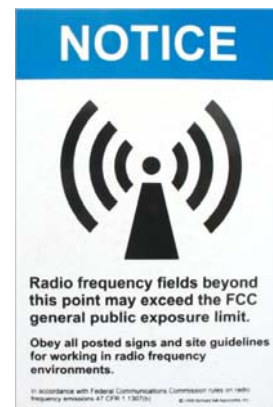
1. NOVEMBER	10. SIDELINERS	19. EIGHTEEN
2. PCARS	11. CALIFORNIA	20. NET
3. MIKES	12. FEBRUARY	21. CLARENCE
4. FYAO	13. OAKWOOD	22. ENGLAND
5. MONDAY	14. CENTER OF HOPE	23. APRIL
6. SATURDAY	15. OSPOTA	24. MAY
7. BLACK SQUIRREL	16. PORTAGE	25. CKP
8. RADIOGRAM	17. BLUE	27. NINE
9. APRIL	18. RED	27. FOUR ALPHA

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! Thanks goes out to this months contributors:

KC8PD, WB2DFC, W8PT, WB8LCD, W8KNO, KB6NU, KC8UNR, K8JF, KD8MBH, W8HFY, KB8UUZ, the ARRL and the World Wide Web

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



Tom, KB8UUZ
PCARS Newsletter Editor

Have WONDERFUL THANKSGIVING!





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

Meetings: 2nd Monday of each month at 7:00 PM at **Sideliners**
in the Brimfield Plaza, Brimfield, OH - Off Route 43 Just South of Interstate 76

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 2009

Awards	W8KNO	Joe Wehner
Club Call Trustee	KB8VJL	Al Atkins, Sr.
Club Site	KC8PD	Jim Aylward
Contest	W8KNO	Joe Wehner
Coordinators	W8PT	Chuck Patellis
Field Day	WB9LBI	Bill Fraedrich
2009	N8EQJ	Ed Polack
Historian	KB8SZI	Peggy Parkinson
KD8CKP QSL Mgr.	KB8VJL	Al Atkins, Sr.
Net Coordinator	WB8LCD	Tom Sly
Newsletter	KB8UUZ	Tom Parkinson
PIO	KC8PD	Jim Aylward
Secretary	KD8GGZ	Mary Jo Loveland
Web Master	K8SRR	Steve Randlett



**VE
Team**

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



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ARES® (Amateur Radio Emergency Service®) is a program of, and both logos are registered trademarks (used with permission) of the American Radio Relay League, Inc. **Why the Black Squirrel in our logo?** For those of you not familiar with it: the Black Squirrel is commonly seen around Portage County, Ohio. Seems that some of these little guys & gals got loose from Kent State University back in 1961 and have migrated and thrived throughout our county. Kent State University even has an annual Black Squirrel Festival. So when you spot a black squirrel – **think PCARS!**

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 yourself 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
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PCARS
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