



# The **RADIOGRAM**

When All Else Fails ~ Amateur Radio Works



December 2011 ~ Official Newsletter of the Portage County Amateur Radio Service, Inc. (PCARS) ~ Vol. 6 No. 12

~ 2011 Officers ~

President - Jim Aylward - KC8PD  
 Vice President - Tom Sly - WB8LCD  
 Treasurer - Bill Fraedrich - WB9LBI  
 3 Year Trustee - Sandra Getty - KD8JCY  
 2 Year Trustee - Robert Gurney - N8RLG  
 1 Year Trustee - Ed Pollack - N8EQJ

~ Meetings & Nets ~

2<sup>nd</sup> 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

## From the President

PCARS has just celebrated its sixth birthday. Six years! It seems like that time has flown by. One way for me to measure it is to realize that this is now my thirty-sixth president's column and those were preceded by thirty-six vice-president columns.

How about some other numbers to show how far we have come as a club? Over two hundred PCARS members, 175 or so who remain active. Over three hundred weekly nets with thousands of check-ins. Thirteen Technician classes and four General upgrade classes plus nearly fifty VE sessions. Sixty-six club meetings and six Christmas parties.

But wait, there's more! Six incredible Field Days that have gotten better every year. A half-dozen Freeze Your Acorns Off and Two Meter Simplex Sprints, four OSPOTA's plus three Mobile Radio Cruise-Ins. Dozens of other activities and projects as well as hundreds of man hours on the improvements at the club site.

The list could go on and on but there is no way to measure the most important accomplishment: the incredible amount of fun that we have all had.

It has all been a blast and it has meant a lot to me to have had the opportunity to be a part of it and get to know all of you as we participated together in each of those events.

Congratulations to the new PCARS officers! Show them your support by taking advantage of all the opportunities to get involved in club activities.

I hope to hear you on the air and to see you at upcoming PCARS events. Happy holidays to you and your families!

73 and QRT,  
**Jim, KC8PD**

**(Editor's Note:** Jim's column sounds like he is leaving - but have no fear, he will still be an integral part of PCARS since he will still be on the Board of Directors as the Immediate Past President. And, he will be kept busy with all the usual PCARS functions as well.)



Jim, KC8PD

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



### *From the Vice President*

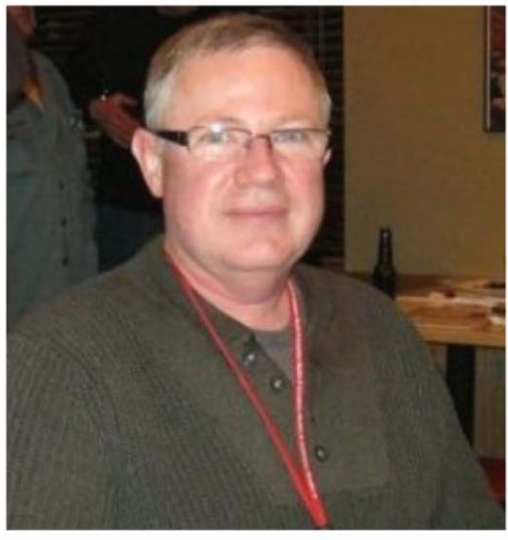
I know I've mentioned this before, but it bears repeating here. The four stages of learning:

1. **Unconscious / Incompetent** - you don't know about it and you can't do it.
2. **Conscious / Incompetent** - now you know, but you still can't do it.
3. **Conscious / Competent** - you know, you can do it, but it takes concentration
4. **Unconscious / Competent** - you do it without even thinking about it.

I bring this up here, because further into the newsletter you will see that starting in January there will be a class offered for those of you who would like to learn the Morse code.

Morse code is one of those issues that many have either mastered, failed or avoided. It's been the subject of much editorial in the Amateur journals for many, many years, both sides of the issue being debated and argued with much passion. When the rules changed, and Morse code proficiency was no longer a license requisite, the debate didn't end, but one thing did: you no longer needed to learn the Morse code and prove your proficiency at it to be a ham. That's a game changer for those of you who are considering learning the code. Your

motivation is no longer that you have to, but now you can do it because you want to. "What the mind of man can conceive and believe, it can achieve"..... Napoleon Hill.



Tom, WB8LCD

Being the month of December, it's the end of another year. What did you accomplish this past year? How did you advance yourself in the Amateur Radio hobby? What did you do to advance the hobby? Yeah, I'm talking to you! Everyone of us has an obligation to be the best that we can be, and to do what we can to improve the landscape for those here with us and for those who will follow. It's hard to have much impact in the world if we spend our time on the couch watching TV. Make some personal goals for your hobby in the coming year and work a little bit each week towards accomplishing them. Think about what you could do to help someone else improve their enjoyment of the hobby. And think about how you can be a force for the advancement of Amateur Radio on the larger scale.

Don't forget – the club meeting this month is replaced by the PCARS Christmas Banquet. Don't show up at the On Tap on December 12th or you'll be there on your own. The Christmas Banquet is our time to take a break, enjoy each others company complete with non-ham family members and celebrate our time together as a club this past year. We'll miss you if you're not there!

Lastly, Thank You to everyone who has had a hand in what PCARS is – and that's a big list of people. It not only includes everyone who is a PCARS member, but many others who have participated with us or done something on our behalf. If PCARS ended on December 31st it would still be recognized as one of the most successful Ham Clubs ever! But let me assure you, starting January 1, 2012, we're going to hit the ground running. If you're a serious ham, or even a casual ham, PCARS will be the place to be.

73, Merry Christmas, God bless you all,

Tom, WB8LCD



## 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/>.



**ARRL License Manuals**  
Now including Practice Exam Software

Only \$30.00 Available from PCARS

The ARRL Ham Radio License Manual  
All You Need to Become an Amateur Radio Operator!

The ARRL General Class License Manual  
For Ham Radio  
All You Need to Pass Your General Class Exam!

The ARRL Extra Class License Manual  
For Ham Radio  
All You Need to Pass Your Extra Class Exam!

Contact: Bill, WB9LBI@portcars.org for details



## ***Congratulations to the 2012 PCARS Officers***

The annual elections for PCARS officers was held at the November meeting. Incoming officers are: President - Tom, WB8LCD. Vice President - Bill, WB9LBI. Treasurer - George, K3GP. 3 Year Trustee - Bob, N8QE. Sandy KD8JCY moves to 2-Year Trustee and Robert, N8RLG moves to 1-Year Trustee. **Congratulations go out to all the new officers:**



**President**  
Tom WB8LCD



**Vice President**  
Bill WB9LBI



**Treasurer**  
George K3GP



**3-Year Trustee**  
Bob N8QE



**2-Year Trustee**  
Sandy KD8JCY



**1-Year Trustee**  
Robert N8RLG



## ***Mark Your Calendars***

On the calendar for upcoming meeting topics and activities are:



- December 12<sup>th</sup> - **PCARS Christmas Party**
- January 17<sup>th</sup> - **General Upgrade Class** starts (see flier on page 21)

### **Special Interest Groups - Every Month at the Club Site - 7 pm**



- First Tuesday - **Digital** Special Interest Group
- Second Tuesday - **QRP/CW** Special Interest Group
- Third Tuesday - **MARS** Special Interest Group and the  
- **Antenna** Special Interest Group
- Fourth Tuesday - **DX & Contest** Special Interest Group
- Fourth Thursday - **Net Nite** at the club site - 6:30 pm



## ***Center of Hope - Holiday Donation***

It has become an annual tradition for PCARS and its members at the November meeting to collect donations for the Center of Hope in Ravenna and for the club to donate the proceeds from the 50/50 raffle. This year was another record setter.

There were a substantial number of food donations and between the members' cash donations and the 50/50 proceeds the total cash contribution to the Center of Hope was \$2,500.00! A few days after the meeting, Tom, WB8LCD, and Dave, WB2DFC, delivered



the donations to Sister Denise Stiles, the Director the Center. It could not have come at a better time as Thanksgiving food baskets were being assembled and readied for distribution.

The Center of Hope is a program of Family & Community Services and the building has been used regularly by PCARS over the past six years. PCARS is grateful for the use of the facility and the annual food drive and donation is our chance to show our appreciation.

Since the first fundraiser was held in 2006, the PCARS team has donated \$6,650 to the Center of Hope. Thanks again to all of the PCARS members for their generosity which made this year's drive such a success!

*Jim, KC8PD*



## ***PCARS VE Test Sessions***

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

**February ~ April ~ June ~ August ~ October ~ December**



VE sessions for Technician, General & Amateur Extra start at 10:00 am at the Center of Hope - 1034 West Main Street in Ravenna. Walk-ins are always welcome. We look forward to seeing you there.

*Robert, N8RLG*  
PCARS VE Team Liaison



## ***Paper Chase***

Here we are at the end of the year, what do we remember most of about December? Would you say the Nativity, Santa or Pearl Harbor?

The Nativity is being celebrated by the Delaware/Lehigh Amateur Radio Clubs, WX3MAS, and will be on the air from the Twin Cities of Nazareth and Bethlehem, Pennsylvania. Look for them on 3.880, 7.270, 14265 and 21.365 from 9 am to 9 pm the 10th and 11th of this month. They hope to be able to operate PSK on 40 through 10 meters.

As for Pearl Harbor, I cannot give any first hand feelings of the bombing because I was only 4-1/2 at the time. We have all seen pictures, movies and reports of the attack and the United States entry into World War II. If you go to Hawaii, you can



visit the USS Arizona Memorial from which you can look down into the water and see the ship. Depending of the tide, you may be able to see the turret tubes upon which the turrets sat. If you take a boat ride to the other side of Ford Island, you can still see the capsized wreckage of the USS Utah. On my first trip to WESTPAC, in 1956, we moored by the Utah. You have no idea of the impact it has on a person. As we passed the Arizona, you could still see the sheen of the oil leaking from the wreckage. There was still a sheen in 1971, on my last trip to Hawaii.



About eight years ago, when KD8EPF and I visited Metropolis, Illinois for a reunion of the USS Hammerberg, DE- 1015, we got lost and stopped to ask for directions (for all the women in the club, men *do* ask for directions). The woman we asked did not understand but understood about Navy ships to call over elderly gentleman working in her gardens. He helped us with directions and then told us a Navy tale. He was in the shower on the Arizona when the bombs and torpedoes hit the ship and he was blown clear of the ship. He was pulled from the water and for three month's he did not even know who he was. After regaining his memory, the Navy notified his family that he was alive. This was a shock to the family since they had already had a memorial ceremony and burial with an empty casket.

Three of the Battleships participating in the 70th anniversary of Pearl Harbor are:

USS Wisconsin (BB-64) - The Wisconsin, W4WIS, is moored in Virginia Beach, Virginia and will be active on 14.264 on December 3rd & 4th. See [www.n4wis.org](http://www.n4wis.org) for additional information.

USS West Virginia (BB-48) - The Tri State Amateur Radio Association, WV8A, will remember the sinking of the West Virginia and will be active on 7.290 and 14.290 on December 3rd.

USS North Carolina (BB-55) - The North Carolina, NI4BK, is moored in Wilmington, North Carolina and can be heard near 7.250 and 14.250.

Though not announced, listen for the USS Missouri (BB-63), KH6BB, it is moored at Pearl Harbor. They have just completed a three month renovation of the radio room and would be a great way to activate it during this period.

***Joe, W8KNO***



## ***FYAO is Around the Corner***

Its Klondike Mike here just wanted to remind everyone that it's not too early to think about FYAO, time to check your gear before its real cold wet, and snowy! So if you have a spare 10 minutes or so (ya I know, ha ha) you might want to hit the outdoors soak up a little last minute sunlight and give your



gear a run through, so you don't have to do it in the snow.



Here are a couple of pictures from October when I ran mine through the paces. I must admit the antenna only 5' up and I made more contacts than I thought I would.

Also time to check the vehicles and furnaces for winter use.

***Mike, KC8UNR***





## Happy Birthday PCARS Members

PCARS members having a birthday in December:

KC8PD	Jim Aylward	KC8RKV	James Godfrey
KD8EPE	John Hart	KB8AMZ	Terry Morris
KD8GHA	Jenna Ziccardi	KA8TOA	Greg Ash
KD8LLN	Michael Polack	KB8UHN	John Tomasik
KD8FLW	Kathleen Leasure	N8XTH	Deron Boring
KD8FLV	Larry Krempasky	N8EQJ	Edward Polack
KD8ICP	Timothy Gehri	KC8RJR	Errol Jordan
KDFPP	Ryan Fraedrich	WA8GCF	David DeSimio
KD8QDZ	Christopher Schroeder	KA8SWC	Bruce Costarella



## 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".

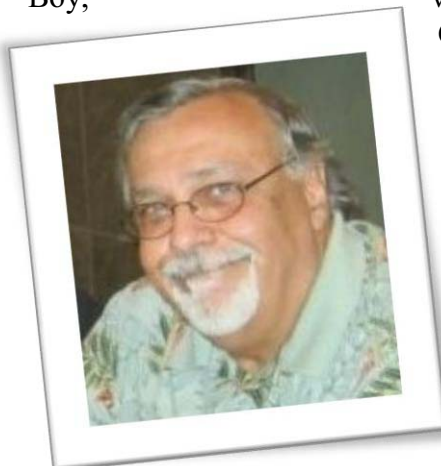
The embroidery on the white patch is in Red, Black and Blue. Cost for a patch is \$2.00 each and can be obtained at any PCARS meeting. There are 2 types of stickers available - a 4" x 6" oval and a 3" x 10" bumper sticker. Stickers are \$1 each. Show your pride in PCARS - Wear a patch, use the stickers! If you would like to order by mail contact the club Treasurer: Bill, WB9LBI at:

[WB9LBI@portcars.org](mailto:WB9LBI@portcars.org)



## Charlie the Tuner's HF High-Lites

Happy December! I hope you all made it through Thanksgiving without exploding. Ooooo! I ate too much. Boy, was Thanksgiving dinner delicious. We didn't have turkey this year. We had City Chicken!! Jeanne's City Chicken is really, really good. And since I really don't like turkey, it was great for me.



Chuck, W8PT

Now we are in the last month of 2011. Didn't we just welcome in year 2000?? Man, does the time fly. This month's DX news was very sparse. Most of the reports focused on what was happening during the CQWW DX CW Contest during the last weekend of November. But there are some things going on in December and beyond that should be interesting for us DX'rs.

And I got a local report from our own KB8UHN. John said that he worked the following DX to get four new countries: J69MV in St. Lucia; BX5AA in Taiwan ZL3KR in New Zealand; 7Z7AA in Saudi Arabia. And he worked them all on 10 METERS. Good going John. Keep the reports coming in. You also might mention next time what you are using for a rig, antenna and power. John also wanted to

encourage our Tech licensees to get on 10 m and work some DX.

As I usually do, I want to extend a thank you to the following for the forecast reports for this month and beyond: the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn Packet Cluster Network (especially Tedd Mirgliotta – KB8NW) for the following DX and IOTA information. Please remember that this report could contain “Pirate/SLIM” operations or busted call signs. Please do yourself a favor and adhere to the old adage of “Work First Worry Later” (WFWL).

## **DX News**

**3D2, FIJI.** Yoshida, JA1NLX, active as 3D2YA from **Yageta Island, Yasawa IOTA Group (OC-156)** March 15-21st, 2012. Activity will be on 80-10 meters, mainly CW, possibly RTTY and SSB. QSL via his home call sign. He will QSL all QSOs via Bureau. The log will be uploaded to LoTW when he returns home. Direct QSL will be welcomed with SASE (1 IRC or 2 USDs).

**9J, ZAMBIA. (Reminder)** Chris, ZS6RI (ex-ZD9IR, 5H9IR, EL8RI), will be active as 9J2RI from Zambia for a year or two. However, operations will be on a "6 week on/6 week off" due to his work schedule (6 weeks off he will return home to South Africa). Activity will be on all HF bands using CW, SSB and the Digital modes. QSL via LoTW or direct to: Chris J de Beer, Box 333, Bethlehem, GA 30620 (w/SASE [USA] or SAE w/return postage for other countries). Bureau QSLs are OK, but very slow. LoTW will be uploaded at least once every 6 week rotation, and probably even weekly. Bureau cards will be sent annually.

**9Q5, DEM. REPUBLIC OF CONGO – (Reminder)** 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 TS430 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.

**9V, SINGAPORE. (Reminder)** Martin, F8UKP, a F6KOP member, will be working in Singapore (AS-019) for the next three years and will be active as 9V1RM. Activity will be limited to his spare time only. Operations will be on 40-10 meters using CW, SSB and PSK. Currently he is using a skyloop antenna using the maximum legal power in 9V-land (100 watts). He has the permission to set up a hexbeam antenna in the near future. QSL via LoTW or direct to the address on QRZ.com. There is a possibility to QSL by the Bureau in the future (Information will be given in due time).

**CE9, ANTARCTICA. (Reminder)** Tomas, CE9VPM, will be active from Chilean Air Base Presidente Gabriel González Videla in the Antarctica beginning November 2011 through March 2012. Activity is expected to be on 20 meters and possibly other bands. QSL via PO Box 13630, Santiago, Chile.

Here is another interesting report for you Grid Chasers. Ever wonder how you would get some of those grids in the middle of the ocean? Well, read this report.

**GRID ACTIVITY (Wet).** Yuri, UT1FG, will once again be traveling across the Atlantic Ocean and will be active from some "Wet grids" as UT1FG/MM between November 25th, through the end of May 2012. First trip will be from the Panama Canal to Huelva, Spain (EA7), and then to Brunsbuttel, Germany (From there, he will inform us later). Yuri is reportedly a crew member on the ship, so activity will be during his free time. Operations are expected on all amateur radio bands, 160-2 meters, 70 cm, and also including the satellite. His activities will be mainly through the satellite, but also look for him on the HF bands. He will also be active on 6 meters, conditions permitting. QSL via his home call sign, direct (see QRZ.com), by the Bureau or to his QSL Manager UX0FY.

**FH, MAYOTTE. (Reminder)** Phill, F6GNT, will be active as FH8NX from **Mayotte Island (AF-027)** until March 2013. Activity will be on 20-10 meters using SSB. QSL direct to: Phillip Ward, 36 Totorosa 2, Labattoir 97610, Mayotte. Also, QSL via eQSL.

**FR8, REUNION ISLAND – Reminder:** Frederic, ex-F5INL, will be active as FR8NE from Reunion Island (**AF-016**) until July 2012. Activity will be on 20/17/15/12/10 meters using mostly CW. QSL direct to Frederic Bossu, 2 Chemin des Grenadiers, 97490 Sainte Clotilde, Reunion Island or by the Bureau.

**HG15, HUNGARY (Special Event).** Look for special event station HG15IPA to be active through December 31st. Activity is to celebrate the 15<sup>th</sup> anniversary jubilee call sign of the International Police Association. The station is expected to be on 160-10 meters using CW, SSB, RTTY, PSK31 and SSTV. QSOs with this station are valid for the HA-IPARC Award. QSL via HA3JB.

**J2, DJIBOUTI. (Reminder)** Freddy, F5IRO, who has been active as J28RO since July 2010, is expected to stay here until July 2012.



His normal activity will be on the HF bands using CW, SSB and the Digital modes. His QSL Manager is F8DFP. QSL direct (w/SAE+ valid IRC - PLEASE NO MONEY AT ALL), or by the French REF-Union Bureau. The direct cards without the above mentioned will be answered by the Bureau.

**SX100, GREECE** (Special Event). Members of the Radio Amateur Association of Greece (RAAG) will activate the special event callsign "SX100A" between 0000z Friday, December 2nd and 2400z Sunday, December 4th. Activity is to celebrate the 100th anniversary in which the historic battleship the "Georgios Averof" joined the "Hellenic Navy". The operation will take place from the radio room of the "Georgios Averof". QSL via the Bureau. For more information, see: <http://www.qrz.com/db/SX100A>

**T32, EASTERN KIRIBATI**. Six operators from the U.S. and Canada will be active from Kiritimati Island (OC-024) between January 17th and February 2nd. The group will be active from the same location that the recent T32C group operated from. The group is planning to operate during the CQWW 160m CW Contest (January 27-29th) as a Multi-Op entry and use the callsign T32XX. QSL via KB8TXZ. Outside of the contest, the operators will be active on 160-6 meters using CW, SSB, RTTY and PSK, using the following callsigns: **T32AU** - Operator Dave/VO1AU; QSL via VO1MX **T32CO** - Operator Brian/KG8CO; QSL via KB8TXZ **T32LJ** - Operator Lee/N8LJ; QSL via K8ESQ **T32TR** - Operator Ted/K8AQM; QSL via KB8TXZ **T32TX** - Operator Jim/KB8TXZ; QSL via KB8TXZ **T32WW** - Operator Stan/AC8W; QSL via KB8TXZ Look for the callsigns T32WW and T32CO to be operating on both RTTY and PSK.

**V5, NAMIBIA. (Reminder)** Martin, DL1ZU, will be active as V5/DL1ZU between December 21st and January 13th (2012). During his trip through the Caprivi strip, Martun will use an IC-706 with a vertical antenna and dipoles. In Windhoek, he will use a 3 element beam. QSL is "OK" via his home callsign by the Bureau.

**XV, VIETNAM. (Reminder)** Retu, OH4MDY (OX3RZ/XU7MDY/XV2MDY), will once again be active as XV2RZ from Southeast Vietnam between November 1st and December 12th. Activity will be on 80-6 meters using the "normal modes" (CW and SSB). QSL only direct via OH4MDY with a SASE and 2 USDs.

**XW, LAOS**. Alex, RK3DT, is once again active as XW3DT from Laos. His license is only good for three bands - 40/30/20 meters. He has been on CW and SSB. Alex mentioned that his license cost him 6,000 USDs. When OPDX asked Alex how long he will be there, he stated, "I will stay until beer money dries out..." He suggests to send a QSL card to the following address before December 3rd, 2011: Alex Sinchukov, P.O. BOX 11, Lamma Island, Hong Kong.

**ZK2, NIUE**. Chris, GM3WOJ, who has been active as ZK2V, now reports that he has received special permission to operate on the 60m band. The permit is good to transmit on 5403.5 kHz between December 1-7th (Niue local time, which equates to 1100z, December 1st, until 1100z on December 8th). He states, "I am intending to install a more 'DX' antenna than the Inverted-Vee I had in 2009, so hoping for some further DX." He also mentions, "3.5 MHz and 7 MHz are very noisy here on the island, so I am hoping that QRN will not be a problem." Chris will be active as ZK2V until December 20th. The QSL Manager for ZK2V and ZK2X is N3SL. All ZK2V and ZK2X QSOs will be uploaded to the ARRL's LoTW - daily if possible.

## **IOTA News**

**EU-017**. Staff members of "DxCoffee" will be active as ID9DXC from the **Aeolian group** activating some rare or semi-rare rocks and islands valid for the I.I.A. (Italian Island Award). The activity will be spread out starting from the end of 2011 throughout the entire year of 2012. It began November 18th, from the Island of Panarea, Italian Island Award ME-006, World Lighthouse on the Air WLOTA LH-2210 (if weather conditions permit). A special card will be printed for each reference the team activates. QSL via Antonello Scauso, IT9YVO, direct or by the Bureau.

**JD1, OGASAWARA**. Hiroyuki "Harry", JG7PSJ, will once again be active as JD1BMH from **Chichijima Island (AS-031)** between December 30th and January 7th (2012). Activity will be on 160-10 meters using CW, SSB and RTTY. QSL via the Bureau to JD1BMH or direct to JG7PSJ.

**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

**VQ9, CHAGOS ISLANDS**. Jim, ND9M/VQ9JC, informs OPDX that he is back on **Diego Garcia (AF-006)** after 10 months off the island and is expected to be active at least until March 1st, 2012.

That's it for December from Charlie. Here's an early Merry Christmas. CU dn the log. Gud DX and 73,

**Chuck, W8PT**  
Also known as "Charlie the Tuner"



## PCARS Thursday Net Control

Thank you all for helping with this! Anytime you are unable to take the net, please give me as much advance warning as possible!



December	
12/01	N8WLE
12/08	KD8DFL
12/15	KC8PD
12/22	KB8UUZ
12/29	WB8LCD

January	
1/5	
1/12	
1/19	
1/26	



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](mailto:WB8LCD@portcars.org). Everyone who is a club member is welcome to have a turn!

I have some open spots in January (and future months) – drop me an e-mail and let me know which date(s) you would like to be the PARC Net Control Operator!

Hope to hear you on the net,

**Tom, WB8LCD**  
PCARS Net Control Coordinator



## CW / QRP Special Interest Group

Morse Code is a valuable skill for a ham operator to have. Like any acquired skill, it takes having an opportunity to learn and then become proficient for new (or even old) hams to get to the level necessary to start having fun. And.... it's a part of the ham tradition. We want you to have that opportunity.

Beginning on Saturday, January 7th, there will be a 5 week “learn the code” class held every week from 10:00 to 11:00 AM. Please arrive at least 10 minutes early so the class can begin on time. Terry, KB8AMZ, will be the lead instructor.



During this first 5 week session you will learn letters, numbers and basic punctuation. It is expected that each student will practice at least 30 minutes every day in two 15 minute sessions to reinforce each class session.

At the end of the first 5 weeks, there will be a second 5 week series of slow code practice designed to get you to a skill level adequate to have successful “on-the-air” QSO's. There will then be a third 5 week series of classes for anyone who would like to be mentored with live, on-the-air QSO's using the PCARS club station. Although the cost is FREE, the investment will pay off big in operating skills, fun and the satisfaction of knowing something that sets you apart, even among other hams!

If you would like to participate in this program, please send an email to me ([WB8LCD@portcars.org](mailto:WB8LCD@portcars.org)), so we can anticipate how many to be ready for. You'll be proud to say you're a “Know Code” Ham!

**Tom, WB8LCD**



## ***EmComm***

PCARS member Matt Welch, W8DEC, serves as the District Emergency Coordinator for ARES District Ten in the Ohio Section. On November 21st, Matt held a meeting for his district staff and the EC's and Assistant EC's of Ashtabula, Cuyahoga, Geauga, Lake, Lorain and Portage Counties. The meeting was well attended with around two dozen participants.

Portage County was represented by AEC's Mike, KD8FLZ, Sandy, KD8JCY, Tom, WB8LCD and myself.

District Ten's next training event will be its ARES Training Day on Saturday, December 10th starting at 9:00 a.m. at the TriPoint Medical Center, Concord, Ohio 44077. See location details and registration information at [www.ohioares10.org](http://www.ohioares10.org). This free training day is being offered to all amateur radio operators. Training topics will include Traffic Handling, Transmitter Hunting, Geocaching, Deployment, and Go Kit Supplies. Last day to register is Wednesday, December 7th.

Matt also announced that plans are in the works for a follow up training exercise in March or April of 2012. More details will be announced.

ARES District Ten is now holding a biweekly training net on the second and fourth Wednesday of each month at 7:00 p.m. local time on the 147.015 (+, 110.9) Newbury repeater. The net is open to all hams, you do not have to be an ARES member to participate. Also, don't forget about our local ARES of Portage County nets on alternating Thursdays on the 146.895 repeater which is also open to all amateur radio operators.

You can find a lot of information about District Ten activities at its web site and be sure to check it regularly for updates.

The Portage County EMA Communications Unit is planning a training program for the ARRL's Introduction to Emergency Communications Course (the former Level I course) in 2012. The class will be open to all hams in Northeast Ohio. More information will follow as to the dates and location of the course. This is a chance to take the class for free and only have to pay the \$15.00 fee for the exam.

For the ARES members in Ohio Section District Five, there is a vacancy in the position of DEC that has just been announced. As of press time no announcement has been made regarding the new DEC. If you are interested in the position and live in one of the District Five counties, contact Frank Piper, KI8GW, the Ohio Section Manager.

Happy and safe holidays to you and your families!



***Jim, KC8PD/AAM5EOH***  
Radio Officer, Portage County EMA/RACES  
EC, ARES® of Portage County  
Emergency Operations Officer, Ohio Army MARS





## The 13th Annual SKYWARN Recognition Day - Dec 3

The 13th Annual SKYWARN Recognition Day (SRD) Special Event will take place Saturday, December 3, 2011. SRD is co-sponsored by the ARRL and the National Weather Service (NWS) as a way to recognize the commitment made by Amateur Radio operators in helping to keep their communities safe. According to SRD Coordinator David Floyd, N5DBZ, Amateur Radio operators can visit their local participating NWS office, working as a team to contact other hams across the world throughout the 24 hour event.



The idea for the first SRD took shape in the summer of 1999. Meteorologist-in-Charge of the Goodland, Kansas NWS office Scott Mentzer, N0QE, tried to find a way to recognize the valuable contributions storm spotters make to the National Weather Service. "Since many of those storm spotters were also hams," Floyd told the ARRL, "it seemed like a natural fit for the recognition to be centered on Amateur Radio."



With the approval of NWS headquarters and a commitment to participate from many local NWS offices across the country, the first National Weather Service Special Event took place on November 27, 1999. "At the end of the event, almost 16,000 QSOs were logged, with contacts made to all 50 states and 63 countries," Floyd recounted. "The Des Moines forecast office took the honor of making the most contacts of any office that first year with 761 QSOs, and went on to lead the pack until 2003 by logging between 1300-1500 contacts each year."

Floyd said that feedback from that first event was "overwhelmingly positive" from both the NWS staff and the local ham clubs: "Many local club members who came to that first event had never visited an NWS office before. When they came for the special event, they learned the value of their reports and how they were used in conjunction with existing technology." And so began an annual tradition. The following year, 85 of the 122 NWS offices -- almost 70 percent -- participated in the event, making nearly 24,000 QSOs.

In 2001, the name of the event was changed to SKYWARN Recognition Day, a name Floyd said better relayed what the day was all about: "Each year since the inception of SRD, the number of NWS offices participating with local ham clubs has increased; more than 100 offices sign up each year to take part. The most contacts made during any SRD occurred in 2006 when -- thanks to and local hams in the Grand Junction,

Colorado area -- 1640 QSOs were logged!"



This map shows the NWS offices that are participating in the 2011 SKYWARN Recognition Day.

Station call signs have also changed over the years. Floyd said that some NWS offices and clubs apply for a special event call sign, "such as W3B in Brownsville or N0Y in Aberdeen, South Dakota. Other call signs hint at office location, including WX9GRB in Green Bay and WX4NHC at the National Hurricane Center. Still others represent more of the big picture, as in KC0SKY in Pleasant Hill, Missouri."

Floyd said that as SKYWARN Recognition Day has grown throughout the years, he has seen a greater use of digital communications in addition to CW, RTTY and packet radio: "Each year, more and more contacts are being made using EchoLink, Winlink and the use of e-mail reflectors." In keeping with the NWS setting, stations are asked to include a weather report of their location in their exchange.

In 2010, the NWS office in Grand Junction, Colorado -- using the Special Event call sign N0W -- topped the QSO list with 934 QSOs; the Lincoln, Illinois office (K0DMX), with 823 QSOs, placed second. Grand Junction also contacted 64 NWS offices, the most reported. Fort Worth, Texas (WX5FWD) was close behind, with 67 QSOs to other NWS offices.

2011 SKYWARN Recognition Day will be held on December 3 from 0000 UTC-2400 UTC. In the past, NWS offices have contacted all 50 states and more than 40 countries during the 24 hour event. Even if you make just one QSO to an NWS office, you are eligible to receive a certificate. Just submit a list of the station(s) you worked (along with a self-addressed stamped envelope) to SKYWARN Recognition Day, 920 Armory Rd, Goodland, KS 67735. Many NWS offices also send out special QSL cards for this event. If you haven't yet joined in the fun of SKYWARN Recognition Day, make 2011 your year to do so!

*From the ARRL*



### ***December Contest Calendar***

December 2011	
ARRL 160-Meter Contest	2200Z, Dec 2 to 1600Z, Dec 4
ARRL 10-Meter Contest	0000Z, Dec 10 to 2359Z, Dec 11
RAC Winter Contest	0000Z-2359Z, Dec 17
Lighthouse Christmas Lights QSO Party	0001Z, Dec 17 to 2359Z, Jan 1
Stew Perry Topband Challenge	1500Z, Dec 17 to 1500Z, Dec 18
NAQCC Straight Key/Bug Sprint	0130Z-0330Z, Dec 29

***Yes*** - There are more than what's listed here. Check the internet for contest activity from around the world.



### ***FCC Releases New Rules for 60 Meters***

On November 18, the FCC released a Report and Order (R&O), defining new rules for the 60 meter (5 MHz) band. These rules are in response to a Petition for Rulemaking (PRM) filed by the ARRL more than five years ago and a June 2010 Notice of Proposed Rulemaking (NPRM). In the R&O, the FCC replaced one of the channels in the band, increased the maximum authorized power amateur stations may transmit in this band and authorized amateur stations to transmit three additional emission designators in the five channels in the 5330.6-5406.4 kHz band (60 meters).

The Amateur Radio Service in the United States has a secondary allocation on 60 meters. Only those amateurs who hold General, Advanced or Amateur Extra class licenses may operate on this band. Amateur stations must not cause harmful



interference to -- and must accept interference from -- stations authorized by any administration in the fixed service, as well as mobile (except aeronautical mobile) stations authorized by the administrations of other countries.

**PLEASE NOTE THAT THESE CHANGES HAVE NOT YET TAKEN EFFECT.**

These new rules will take effect 30 days after they are published in the Federal Register. The ARRL will announce on its website when the rules are published. Additional information can currently be found on the web at, <http://www.arrl.org/news/fcc-releases-new-rules-for-60-meters>.

*From the ARRL*



## Swap-N-Shop

**FOR SALE: Hallicrafter - S108** - \$35.00, **Hammarland - HQ100c** - \$35.00 or both for \$60.00 [03/0/2/12]  
**FOR SALE: Bencher BY1 Iambic paddle** (like new, in the box) new, retail: \$119.99 will sell for only \$50.00 [03/0/2/12]  
Contact: **Leon** - [N8GLK@portcars.org](mailto:N8GLK@portcars.org) or call: 330-296-2651

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**FOR SALE : Micronta Power Supply.** 13.8V, 2.5A - \$10 OBO. [03/0/2/12]  
**FOR SALE : BK Oscilloscope 2120.** 20 MHz no leads - \$75 OBO. [03/0/2/12]  
**FOR SALE : Two BK PRECISION 2831A Digital Multimeters.** All work, no leads - \$20 ea OBO [03/0/2/12]  
**FOR SALE : GW instek GFG-8219A Function Generator.** Works, no leads - \$75 OBO [03/0/2/12]  
**FOR SALE : GW instek GPC-3020 DC power supply,** dual 0-30V/2A. Works, no leads - \$75 OBO [03/0/2/12]  
Contact: **Al** - phone: 330-549-3051 or e-mail [AB8AA@portcars.org](mailto:AB8AA@portcars.org)

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**FOR SALE : Signalink USB** with Yaesu cable \$70.00 [01/0/2/12]  
**FOR SALE : Amertron Antenna Tuner ATR15** 1500 watt 160-10 meters \$185.00 [01/0/2/12]  
**FOR SALE : Goldstar Oscilloscope** Model OS-9020A 20mhz \$45.00 [01/0/2/12]  
**FOR SALE : Yaesu SP-8** with BHI Noise Eliminating DSP module \$145.00 [01/0/2/12]  
**FOR SALE : Hal DXP-38** \$65.00 [01/0/2/12]

Contact: **Paul** - [NC8T@portcars.org](mailto:NC8T@portcars.org)

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**FOR SALE : MFJ-929 Auto Tuner** with original manual and factory packaging. Also included is a factory Icom interface cable (MFJ-5114I) and an additional homebrew Icom interface cable. The tuner is in excellent condition, has been used very little and has always been in a nonsmoking environment. \$175.00 [12/2/11]

Contact: **Rex** - [NX8G@portcars.org](mailto:NX8G@portcars.org)

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**FOR SALE:** Used Leviton 430C12W 125/250 Volt 30 Amp watertight pin & sleeve connector excellent condition \$90.00 [01/02/12]  
**FOR SALE:** 553 Feet of NEW 1-1/4" RFS Heliac with two (2) new uninstalled connectors . \$1000.00 [01/02/12]  
**FOR SALE:** Ceramic Insulators – set of six (6) 4" long by 3/4" diameter insulators with holes for attaching wire or rope on each end, rated to 1500 Watts \$10.00 per set. [01/02/12]  
**FOR SALE:** Ceramic Insulators – set of three (3) includes one (1) 4" long by 3/4" diameter center insulator and two smaller end insulators, rated to 200 Watts \$5.00 per set [01/02/12]  
**FOR SALE:** Andrew 22' Superflex FSJ4-50B jumpers with N-male & DIN-male connectors. Also includes an extra N-male for building a custom length N-male to N-male connector \$20.00 each. [01/02/12]  
**FOR SALE:** Andrew 22' Superflex FSJ4-50B jumpers with N-male & DIN-male connectors. \$15.00 each. [01/02/12]  
**FOR SALE:** New N-female to N-female Mil-Spec adapters \$4.00 each four (4) available [01/02/12]  
**FOR SALE:** New N-male to N-male Mil-Spec adapters \$4.00 each four (4) available [01/02/12]  
**FOR SALE:** GE CL01A400TJ Contactor 4 poles rated 25 A @ 600 V 120 Volt Coil \$50.00 [01/02/12]  
**FOR SALE:** GE CL01D310TD Contactor 4 poles rated 25 A @ 600V 24 Volt Coil \$50.00 [01/02/12]  
**FOR SALE:** GE CL25A300T Contactor 4 poles rated 32 A @ 600 V 120 Volt Coil \$75.00 [01/02/12]  
Contact: **James** - [KD8VT@portcars.org](mailto:KD8VT@portcars.org) or call: 330-206-4909



**FOR SALE: Icom SP-23 Speaker** Brand New in the box! Matches all newer Icom rigs. Four filters, front panel headphone jack. Cost new \$220. Will sell for \$160 [11/2/11]

Contact: **Ed** - [N8EQJ@portcars.org](mailto:N8EQJ@portcars.org)

**FOR SALE: 7" Screen GPS** - Great for all you APRS & EMCOMM 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, original box, manual with everything including suction mount. \$150 [01/02/12]

Contact **Tom** - [KB8UUZ@portcars.org](mailto:KB8UUZ@portcars.org)

**Editor's Note:** Ads for PCARS members 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: [12/02/11] This will help keep the listings current.



## PCARS Meetings

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

Meetings are at the

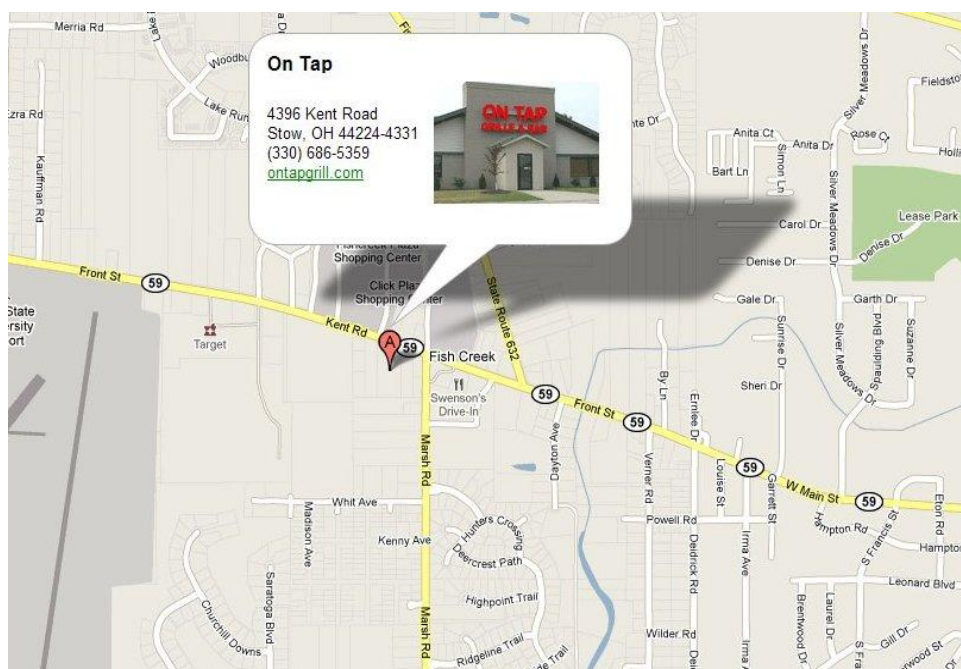
**On Tap Grille**, - 4396 Kent Rd.  
(State Route 59), in Stow.

The On Tap Grille is on the south side of Route 59, about a mile west of the Kent city limits.

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

Meetings are held at the On Tap Grille  
January through November.

The December meeting is the PCARS  
Christmas Party and is usually at another  
location.



## The Last Fox Hunt

The 2011 direction-finding season is now over for our intrepid fox hunters. The last hunt was held Nov. 2. As you can see we had a large group show up for the occasion.

FOX HUNT 11-2-11 I was hiding behind the Stow Munroe Falls School bus garage off of Newcomer road on the Summit/Portage County line, with KA8BNS & WD8CVH.

6:50 N8PXW & KD8FTS  
7:15 K8RJM & N8RKA

6:53 K8DPF & W8EZT  
7:18 KD8MQ & K8OMO

We went to the Fire House Grille (formerly Luna's) on Kent Rd.

It was good to have Eddie, KD8FTS join us. He has been knee-deep in business concerns and unable to make any of the previous hunts. It's looking better for next year for him joining us on a regular basis.

Did you realize that John KD8MQ changed the day of the Alliance Radio Club meetings, which involved a change of their by-laws, so that he and Don K8OMO would be able to hunt? That is really dedicated fox hunting! We are so glad they did that.

Next year daylight savings starts on Sunday, March 11, 2012. That means that our first hunt of 2012 will be on Wednesday, March 21. We can only hope that we won't be in the middle of a typical late March snow storm!

You have from now until next March to build a Doppler or repair your existing one. Of course, a Yagi held out the window works well, too, if you don't mind a cold/wet/sunburned arm.

Thank you, all who participated this year. Spread the word about the fun we are having. We may just pick up a few more regulars next season. It was fun for me. I will spend time this winter looking for good hides for next year.

Your fox,

*Gay, WB8VNO*



Gay, WB8VNO



## 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 **40** plates now, but we can use more! Don't have ham radio call plates on your vehicle? Well for those of you in Ohio, you can get the plates sent to you by going to any License Bureau office and filling out the special plate registration form.



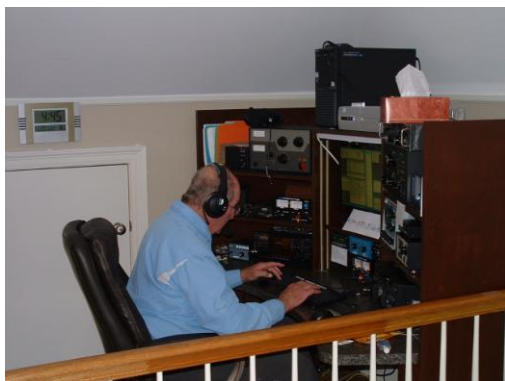
It costs about \$20 the first time for the bureau fee, mailing fee, and Amateur Radio plate fee. When renewal time comes around for your Amateur Radio, you can get NEW plates issued (same call sign).

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.





## Contesting with The Big Boys



In addition to working last weekend's Sweepstakes from my winter home in Louisiana I had the opportunity to operate for a couple of hours at the first rate contest station owned by Ted Saba, KN5O. The details of Ted's station can be seen on the KN5O listing on QRZ.com and consists of 2 operating positions each with 2 transceivers, amps and a host of fascinating additional equipment.

Operating from this station is quite a bit different than operating from home. The stations have an interlock connected to them so only one radio can be transmitting at a time to keep them in compliance with the contest rules. It took a while for me to get into a rhythm with the other operator - we were both calling CQ - and once we were rolling, we maintained a rate of about 100 QSOs/hour. I learned real quickly to keep my transmissions short so the other operator could transmit - I was told more than once that I talk too much!!



We operated as W5RU, the call of the Delta DX Association and all of the operators are members of the Louisiana Contest Club. We finished with 2,058 QSOs, exceeding our goal of 2,000, and had a claimed score of 329,120. Shown



operating station A is K1DW, Dallas in the blue shirt. Operating station B are KN5O, Ted in the red shirt and KG5VG, Steve. Shown seated (left to right) are K5ER, Mark and W5WZ, Scott. I had a blast participating with the group and I'm already looking forward to the next



time.

73 and I hope to see you on the air,

**Rex, NX8G/5**

Call: W5RU Club: Louisiana Contest Club Station: KN5O Operator(s): KN5O K1DW W5WZ K5ER KG5VK NX8G  
Class: Multi-Op HP QTH: Covington, LA Operating Time (hrs): 24 Total: 2,058 Sections = 80 Total Score = 329,120  
Summary: Band/ QSOs: 80m/130 40m/743 20m/803 15m/254 10m/128

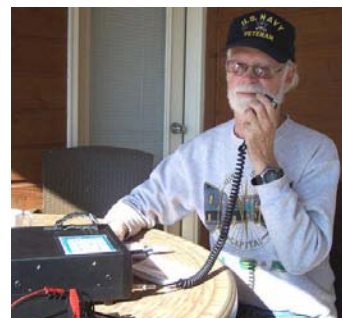




## Shack Shot - Portable

While vacationing in Branson, Missouri with my wife Deborah, I took some time to set up my Icom 718 HF rig on the townhouse patio.

I hooked up an end-fed 10/20/40 meter wire antenna and contacted several Veterans Day special event stations. I also checked into a Missouri MARS net on another night.



*John, KC8KYW*



## 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 month's contributors:

**KC8PD, WB8LCD, KB8UUZ, N8RLG, W8KNO, KC8UNR, W8PT, WB8VNO, NX8G, KC8KYW, N8XTH, The ARRL and the World Wide Web.**

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

Happy Holidays from our radio room (KB8UUZ & KB8SZI) to you and yours.



*Tom, KB8UUZ*  
PCARS Newsletter Editor



**ARRL License Manuals**  
Now including Practice Exam Software

**Only \$30.00**  
Available from PCARS

The ARRL **Ham Radio License Manual**  
All You Need to Become an Amateur Radio Operator!  
Second Edition

The ARRL **General Class License Manual**  
For Ham Radio  
All You Need to Pass Your General Class Exam!  
NEW! Seventh Edition

The ARRL **Extra Class License Manual**  
For Ham Radio  
All You Need to Pass Your Extra Class Exam!  
Ninth Edition

Contact: Bill, WB9LBI@portcars.org for details



# *Pictures from the November PCARS Meeting*





From All of Us - To All of You

Merry Christmas & Happy Holidays

WB8LCD  
KC8PD  
KB8UUZ  
KB8VJL  
W8KNO  
KB8DPN  
KB8SZI  
KD8EPF  
N8KBX  
WB8VYW  
W8PT  
N6TL  
KC8RJR  
N4PKW  
KB8TUY  
WB8FEW  
N4IT  
WB9LBI  
WB8VNO  
KC8RFT  
KC8FQV  
K8HGX  
KC8NOW  
WB8OVQ  
WD8BIW  
N8FTP  
KC8ZZG  
AB8IE  
KC8RKV  
N8WLE  
AK8U  
KC8SYD  
N8PWX  
N8EQJ

KD8EPG  
KC8LJY  
KD8EPA  
KB8JFF  
K8FEY  
KD8EPE  
WB2DFC  
N8ZDR  
KD8FLZ  
KD8FDN  
N8XTH  
KD8FDK  
K8QF  
AB8YN  
KD8FLW  
KD8FLX  
N8GLK  
KD8FLV  
KC8PIZ  
N8ATV  
N8GIE  
KC8KYW  
KD8GHB  
KD8GGZ  
KB8AMZ  
KD8FME  
AE5WX  
N8QE  
K8CAV  
K8SRR  
WA8AR  
KD8FLU  
K8GI  
KD8HGI

N8JLC  
NX8G  
KD8CGF  
KC8DBX  
KD8GHA  
N1EZZ  
N8RLG  
KD8ICP  
KD8DFL  
K8JE  
NT8K  
K8AAB  
KD8INR  
W8JJW  
W8HFY  
K3GP  
W8NET  
KD8JCY  
KC8UNR  
KD8ICR  
KD8FPP  
KD8JRJ  
KD8JRE  
KD8JRI  
KD8IUA  
KD8JRF  
WA8CCU  
W8SV  
K8FS  
KC8YYS  
KD8VT  
N8HUC  
KB3OQV  
KD8KCY

KD8LDY  
K8DER  
AB8AA  
K8JAA  
GOBPS  
KD8LIR  
KB8UHN  
W8CDL  
KD8LEB  
KD8MQ  
N8OQQ  
KA8BNS  
AB8SX  
K8NYM  
KJ4MPN  
N8RKA  
KD8BHX  
W8ZL  
KD8LLN  
KD8MBH  
KD8JRK  
KD8MLF  
KA8SWC  
KD8MLH  
KD8MLE  
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KW8KW  
N8ONI  
KD8CGH  
WA8GCF  
A18P  
KD8MWE

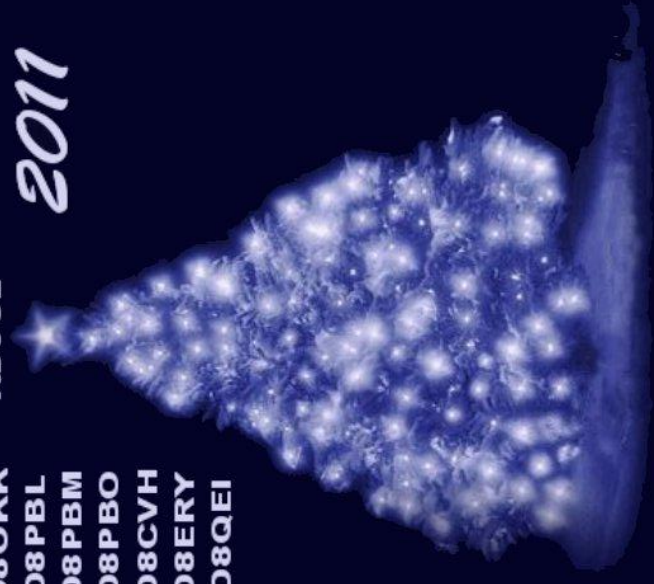
KA8TOA  
K8MSF  
WA8OKR  
KD8OBC  
KD8OBA  
KD8OAZ  
WD8RAY  
W8RID  
W8DAC  
W8DEC  
K8STK  
W8BGE  
AF1K  
KD8OKK  
KD8PBL  
KD8PBM  
KD8PBO  
WD8CVH  
KD8ERY  
KD8QEI

NC8T  
KD8ONJ  
KD8PBN  
KD8PMH  
N8WHT  
KD8PTQ  
KD8PER  
KD8DQT  
KD8QGB  
KD8QEM  
KD8QEL  
KD8QEK  
KD8QEZ  
KD8GZ

KD8QDZ  
WA4WGA  
KB8PNE  
KB8CWT



2011





# Amateur Radio GENERAL Class Upgrade Class



The **Portage County Amateur Radio Service, Inc. (PCARS)** is offering a General Class Upgrade course

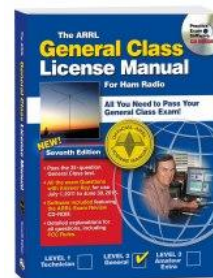
When: Tuesday Evenings 7:00 p.m.  
Starting January 17, 2012  
License testing will be held on the last day of class

Where: At the PCARS Club Site in the Radio Room located in the Dietrich Building - 705 Oakwood Street in Ravenna.

Cost: \$25.00 registration fee for non-PCARS members  
*Your \$25 fee includes a One Year Membership in PCARS*  
There is **no** fee for current PCARS members

Text – ARRL “General Class License Manual”  
Books may be purchased from PCARS for \$30.00

Information & Registration: Contact: **Deron Boring, N8XTH**  
by e-mail: [N8XTH@portcars.org](mailto:N8XTH@portcars.org)  
or phone: **330-715-8552**



Please register with N8XTH by January 10th  
You can pay the registration fee the first night of class

As a **General Class Amateur Radio Operator** you will be able to Contact other ham radio operators in the area around the world on the HF Bands.  
It will open up a whole new area of fun for you in Amateur Radio.





# 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: 2<sup>nd</sup> Monday of each month at 7:00 PM  
at the **On Tap Grille**, 4396 Kent Road (SR 59) in Stow

*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, Oh or PL 114.8 ~ Kent, Oh ~ Echolink Node: K8SRR

**PCARS thanks N8EQJ for making the repeater available to area hams and for PCARS activities.**

### PCARS Appointments & Committees

ARRL Awards - VUCC	<b>W8KNO</b>	Joe Wehner
ARRL Awards - WAS	<b>KB8UUZ</b>	Tom Parkinson
Club Callsign Trustee	<b>KB8VJL</b>	Al Atkins, Sr.
Club Site	<b>KC8PD</b>	Jim Aylward
Contest	<b>W8KNO</b>	Joe Wehner
Coordinators	<b>W8PT</b>	Chuck Patellis
EchoLink	<b>K8SRR</b>	Steve Randlett
Field Day	<b>K8CAV</b>	Rick Kruis
F.Y.A.O.	<b>WB8LCD</b>	Tom Sly
Historian	<b>KB8SZI</b>	Peggy Parkinson
K8BF QSL Mgr.	<b>KB8VJL</b>	Al Atkins, Sr.
Net Coordinator	<b>WB8LCD</b>	Tom Sly
Newsletter	<b>KB8UUZ</b>	Tom Parkinson
OSPOTA	<b>W8PT</b>	Chuck Patellis
P.I.O.	<b>KC8PD</b>	Jim Aylward
Secretary	<b>KD8GGZ</b>	Mary Jo Loveland
VE Liaison	<b>N8RLG</b>	Robert Gurney
Web Master	<b>KD8MQ</b>	John Myers



**PCARS  
VE Team**

<b>KC8PD</b>	Jim Aylward	1
<b>KB8UUZ</b>	Tom Parkinson	2
<b>KB8DPN</b>	Russ Anderson	3
<b>N4IT</b>	Carl Capps	4
<b>WB8LCD</b>	Tom Sly	5
<b>N8XTH</b>	Deron Boring	6
<b>N8PXW</b>	Jim Korenz	7
<b>N8QE</b>	Bob Hajdak	8
<b>W8PT</b>	Chuck Patellis	9
<b>N8EQJ</b>	Ed Polack	10
<b>K8QF</b>	Russ Conklin	11
<b>K8GI</b>	Rick Patterson	12
<b>WB8VNO</b>	Gay Wands	13
<b>WD8CVH</b>	Ted Wands	14
<b>NX8G</b>	Rex Simmons	15
<b>N8RLG</b>	Robert Gurney	16
<b>AB8AA</b>	Allan Avnet	17
<b>K8JAA</b>	Jane Avnet	18
<b>KD8FLZ</b>	Mike DiCarro	19
<b>KE8G</b>	Jim Blanca	20
<b>W8RID</b>	Bob Davet	21
<b>K8MSF</b>	Bud Green	22
<b>KD8LEB</b>	Al Zielinski	23
<b>WA8CCU</b>	Al Nagy	24



### The **RADIOGRAM**

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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. **Are you interested in getting news emailed directly to you?** Send an email to [news-subscribe@portcars.org](mailto:news-subscribe@portcars.org) to join our news emailing list. **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.

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



NLC



2011  
50<sup>th</sup> Anniversary of the  
Black Squirrels loose in Portage County