



# The RADIOGRAM

When All Else Fails ~ Amateur Radio Works



September 2011 ~ Official Newsletter of the Portage County Amateur Radio Service, Inc. (PCARS) ~ Vol. 6 No. 9

~ 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

The Fall edition of the PCARS Technician class begins on September 13th, an appropriate date since this happens to be the thirteenth Tech class that we have offered. The first class was in the Fall of 2006, about nine months after the club began operations.

From the start, the founders of the club had thought that one of the most important things that we could do was offer the Tech class because one of our goals was to assist prospective hams in getting licensed. The last local class prior to that had been taught by Larry, N8FTP.



Jim, KC8PD

Tom, WB8LCD, Russ, KB8DPN, and I were the original instructors. Frank, KD8HGI, has since replaced Russ. Dozens of new hams have joined the ranks after taking the class and it has been our pleasure to get to know them and help them get started in the hobby.

We all know that, as a practical matter, getting your ticket is just the start. Few of us come into the hobby with a wealth of practical knowledge and experience about radios, antennas and so on. Most everyone needs some help getting started, from the most basic tasks such as programming and operating an HT, to those that are much more complicated, like designing and installing a tower and antenna.

So another one of our goals has been to find ways to provide new hams the opportunities for hands-on learning experiences. We have had workshops, kit building, antenna construction, contests and field operations, just to name some of them. Club meeting presentations and the Special Interest Groups are also great ways to learn more about ham radio topics.

But more important than all of those is simply having a fellow ham that you can go to with questions about technical and operational issues. Elsewhere they may be called mentors, in ham radio we know them as Elmers.

That's where we can use your help. Watch for those new faces at the club meetings and folks who have call signs with "KD" prefixes. Introduce yourself and ask them what facets of the hobby they are interested in. Offer your advice and assistance with any problems they may be encountering. Try to avoid the opinion laden comments. They'll hear enough of that from others.

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



### *From the President - Continued from Page 1*

I am proud to say that I have acquired the greatest group of friends that anyone could ask for since I became a ham and especially since PCARS began. I will always appreciate the help that I have received from fellow club members. Many of you can probably say the same thing.

So let's pay that forward by always being willing to lend a hand to today and tomorrow's new hams. They'll never forget the favor and they will pay it forward, too. With that, all of us can help to assure a thriving and long future for amateur radio.

Don't forget the Ohio State Parks On The Air Contest on Saturday, September 10th. Even if you are not a park you can participate. This year there will also be an Indiana State Parks On The Air contest at the same so the opportunities for contacts is growing.

See you at the September meeting and have a great Labor Day weekend in the meantime!

73,  
**Jim, KC8PD**

## From the Vice President



It won't be long, the cold temps will be back, the snow, the ice..... the dreary dark days when all you'll want to do is hang around inside where it's warm (offer not valid for WB2DFC). Like most hams, you're gonna want to see what's happening on the bands. It would be a terrible shame to find out that you were QRT until next spring because of some simple maintenance item you could have taken care of now! Yes, now is the time to check out any part of your station that extends outside of the warm and toasty radio room – usually meaning the antenna and ground systems, and all cabling leading into the shack. Get out there now and get that stuff fixed up so it's in top notch shape for the winter DX season!

We've still got a couple months of nice weather, get out and have some radio fun in the field. Hey, why not **Ohio State Parks On The Air!**? Many PCARS members will be out in different parks, having a ball, and supporting the clubs contest. It's not too late to get involved. Even if you can't set up your own operation, I'm sure if you ask around you'll find that you would be welcome at just about any of the operations set up by your fellow PCARS members. I'll be out at Tinker's Creek State Park in Streetsboro this year again, along with WB9LBI, KB8AMZ and KD8DFL. Stop by and check us out, it's as much fun as Field Day, just on a smaller scale.



After OSPOTA, you'll need to make sure you make the September meeting at the On Tap. Rick, K8CAV will be giving a presentation on NVIS antenna systems. You'll be able to find out what worked and what didn't work for you in plenty of time to make adjustments to your system for the 2012 OSPOTA. In the meantime, having a working knowledge of how NVIS antenna systems work just might help you in some other contests or QSO parties. Maybe even FYAO..... but I'm getting ahead of myself now.



Tom, WB8LCD

Our Technician Class will be starting on Tuesday, September 13th, at the club site on Oakwood Street. Who do you know that might be interested? Please, make sure they know about the class and help them get signed up for it. Ham Radio is certainly one of the greatest hobbies in the world (if not ***THE*** greatest). Someone you know is interested, and we need them in the hobby. Besides, there's nothing good on TV anyhow!

I know everyone is busy and has commitments to families and jobs. My hope is that you will participate in PCARS events, meetings and get together whenever you can. When you aren't there, believe me, you are missed. When PCARS first started, someone told me that it would probably go strong for a year or two, and then fizzle out. Don't let your excitement for the club or the hobby fizzle out – stay in the thick of it, and I guarantee you will keep on having Big Fun!

Best 73 to all,  
**Tom, WB8LCD**





## Mark Your Calendars

On the calendar for upcoming meeting topics and activities are:



- September 10<sup>th</sup> - **Ohio State Parks On The Air** contest
- September 12<sup>th</sup> - **PCARS Meeting** - NVIS Antennas - Rick, K8CAV
- September 13<sup>th</sup> - **Technician Class** starts at the Club Site (see flier in this newsletter)
- October 10<sup>th</sup> - **PCARS Meeting** - Satellite Operations - John Papay, K8YSE
- November 14<sup>th</sup> - **PCARS Meeting - Elections** - FREE Dxlab software - Dennis, AI8P
- November 14<sup>th</sup> - **PCARS 6<sup>th</sup> Birthday**
- December 12<sup>th</sup> - **PCARS Christmas Party**

### 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

## Happy Birthday PCARS Members

PCARS members having a birthday in September:

|               |                            |
|---------------|----------------------------|
| <b>KE8G</b>   | <b>Jim Blanca</b>          |
| <b>KD8LEB</b> | <b>Alan Zielinski, Sr.</b> |
| <b>WB8VYW</b> | <b>Mike Hutsler</b>        |
| <b>KD8MBH</b> | <b>Marty Fodse</b>         |
| <b>WD8BIW</b> | <b>Karen Warner</b>        |
| <b>KD8FME</b> | <b>Jim Conlin</b>          |
| <b>KD8HGI</b> | <b>Frank Sheline III</b>   |
| <b>KD8JRE</b> | <b>Michael Harris</b>      |

|               |                       |
|---------------|-----------------------|
| <b>N8KBX</b>  | <b>Bob Magree</b>     |
| <b>KD8JRK</b> | <b>Tom Steele</b>     |
| <b>N8RLG</b>  | <b>Robert Gurney</b>  |
| <b>NT8K</b>   | <b>Bob Whiddon</b>    |
| <b>KC8UNR</b> | <b>Mike Cibella</b>   |
| <b>KD8VT</b>  | <b>James Andrews</b>  |
| <b>KC8KYW</b> | <b>John Kametz</b>    |
| <b>W8DAC</b>  | <b>Duane Crawford</b> |

## 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

On Tuesday, the 23<sup>rd</sup>, we had a meeting of the DX/Contest Group. We had six PCARS members present and we had a very good discussion regarding QRP DX operating. So we covered DX, Contesting, and QRP in one meeting. What came out of this meeting was a need to have an in-depth discussion of propagation. So the fourth Tuesday of September we will be meeting again and we will be talking about the topics of propagation, working the grey line, and other factors that will help many of us to work more DX. Come and take part in this interesting group.

From what I have seen, there are some very interesting DX opportunities that will be happening in September and even October.

As I do every month, I really want to thank 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).



Chuck, W8PT

### DX

**5C, MOROCCO (IOTA, LH and WFF Op!).** Operators Ruggero/IK2PZC (5C2P), Leo/I8LWL (5C2L), Fred/IK7JWX (5C2J), Simon/IZ7ATN (5C2SG), Ampelio/IS0AGY (5C2B), Mounaim/CN8QY (CN8QY/p) and Belkaid/CN8QX (CN8QX/p) will be active from the city of Dakhla and the lighthouse (ARLHS WSA-001), which is part of the National Park off the coast of Dakhla (WFF CNFF-007), Morocco, between September 22-29th. Their main purpose of this DXpedition is to activate **Herne Island (AF-068)** in South Western Sahara IOTA Group(CN), using the call sign 5C2/homecall/p. Activity will be on all HF bands, including 30/17/12m, and 6 meters, using all modes. The team might try an entry in the CQWW DX RTTY Contest (September 24-25th) using the call sign 5C2P. QSL via their home call signs, direct or by the Bureau. QSL 5C2SG via IZ7ATN, direct (see QRZ.com). QSL CN8QY/p via I8LWL, direct only. The team is looking for sponsors and contributors to help fund the operation.

**7P8, LESOTHO. (Reminder)** Arnold, WB6OJB, will once again be active as 7P8JK from here between September 15-22nd. Activity last time was on the HF bands, 40-10 meters using mostly SSB with some CW. QSL direct to his home call sign.

**9H, MALTA (Reminder).** Jasper, PB2JJ, will be active as 9H3JN from Malta between September 2-14th. Activity will be on 80-10 meters, mostly CW and some SSB also. QSL via his home call sign.

**9H, MALTA.** Gab, HA3JB, will be on a holiday IPA DXpedition from here and will be active as 9H3IP between September 16-27th. Activity will be on 80-10 meters using CW, SSB, RTTY, PSK31 and SSTV. Operations will also include the CQWW RTTY Contest (September 24-25th) as a Single-Op/ Single-Band (??) entry. QSOs are valid for the HA-IPARC Award. QSL via HA3JB, direct (w/SAE) to: Gabor Kutasi / H-8601 Siófok, P.O.Box 243, Hungary. If you are IPA member please write/add your E-mail address.

**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/SAE [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.

**9U, BURUNDI.** Pierre, ON7CIP, is expected to be active from Bujumbura, possibly as 9U7T (requested call sign). Activity will be limited during his spare time as Pierre is there for work, so this is not a DXpedition. Operations will be on 20 meters SSB and/or PSK31. More details will be forthcoming on QRZ.com. QSL via his home call sign.

**CE9, ANTARCTICA.** Tomas, CE9VPM, active from Chilean Air Base Presidente Gabriel González Videla in the Antarctica - November 2011 through March 2012. Activity on 20 meters and possibly other bands. QSL via PO Box 13630, Santiago, Chile.

**CN, MOROCCO.** Marko, S55EI, will be active as CN2EI between September 3-20th. Activity will be on mostly on 40/6/2 meters using SSB and PSK31. QSL via his home call sign.

**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.

**FR, REUNION ISLAND.** Willi, DJ7RJ, will once again be active as FR/DJ7RJ from Reunion Island (AF-016) between October 4-26th. Activity will be focused on the lower bands using a Elecraft K2 with a 500 watt amp into an inverted L antenna. QSL via his home call sign, by the Bureau or direct (see details on QRZ.com)

**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.

**IM0/IS0, SARDINIA.** Max, IZ4JMA, operating from 2 different Sardinian islands - Sept 3-17th. His tentative schedule is as follows: Sept. 3-10th - From Isuledda Is. (EU-024); call sign IS0/IZ4JMA Sept. 10-17th - From La Maddalena Is. (EU-041); call sign IM0/IZ4JMA. Activity will be on 80-10 m - CW, SSB and Digital modes. QSL via his home call sign, direct or by the Bureau.

## **IOTA News**

**EU-011.** Members of the Wessex Contest Group will be active from the **Isle of St. Martin's, Isles of Scilly**, using the club call sign MX0WCB between September 11-17th. Operators mentioned are Dave/M0SFT, Simon/M0TTE and Dan/M0TGN. Activity will be mainly QRP, on 40/20/17/15/10 meters. The team will use 3 x FT817, a Clansman PR320 and an FT897 as the main shack radio. QSL direct, by the Bureau, eQSL or via M0WAY. Visit the club's Web site at: <http://mx0wcb.blogspot.com>

**EU-065.** Operators Dick/F6DXE, Andy/F4ELK and Tartuff/F4ELI will be active as TM5Q from Quéménés Island (DIFM AT-039) between September 30th and October 2nd. Activity will be on 40/20/15/10 meters using CW, SSB and the Digital modes. QSL via F4ELI, direct or by the Bureau.

**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

**JD1, MINAMI TORISHIMA.** Take, JG8NQJ, is now active as JG8NQJ/JD1 from **Marcus Island** in the Minami Torishima (OC-073) group until mid-October 2011, but will return again in December. Present activity has been only 30 and 17 meters. However, when Take returns to the island at the end of the year, he will be active on all bands. QSL via his home call sign, by the Bureau or direct to JA8CJY: Susumu 'Sin' Sanada, 5-17, 5-4, Shin-Ei, Toyohira, Sapporo 004, Japan. Online log is available at: <http://dx.qsl.net/cgi-bin/logform.cgi?jd1-jg8nqj>

**MU, GUERNSEY (Update).** Members of the Dutch Contest and Expedition team (PA6Z) will be active as MU/PA9M from Guernsey (EU-114) between October 23-30th. Activity will be on 160-6 meters using CW and SSB. Operators mentioned are Marcel/PA9M, Frank/PA4N, Jelmer/PA5R, Dervin/PD9DX, Arbo/PH0AS, Arend/PA2AWU and Dick PA4VHF. QSL via PA9M, direct or by the Bureau. For more details and updates, go to: <http://www.pa6z.nl/guernsey2011>

**NA-029.** George, K3GV, will be active as K3GV/VY2 from **Prince Edward Island** between September 1-30th. Activity will be mainly on 20 and 15 meters. QSL via his home call sign.

**T6, AFGHANISTAN.** Francesco, IZ8NWA, an Italian soldier stationed in southern Afghanistan until November 2011, is expected to be active as T6FR. Activity will be on 20/17/15/10 meters using SSB and PSK31. QSL via IZ8OJG only. Visit his Web page at: <http://iz8nwa.jimdo.com>

**KH0, MARIANA ISLANDS.** Al, W6HGF, will be active as W6HGF/KH0 from Saipan (OC-086, USI NI002S, WLOTA 1333), Northern Mariana Islands, between September 20-30th. He will be staying at the Saipan Rental Shack, and plans to focus his operation on RTTY. The CQWW RTTY Contest is held during that next weekend, and if all is going well, he will participate. He will use the other modes when time permits. QSL via LoTW is preferred, and will be uploaded daily during operations. QSL direct is also "OK".

**OH0, ALAND ISLANDS.** Nao, JA1HGY, active as OH0HG from Aland Islands (EU-002) September 2-4th. Activity will CW, SSB and RTTY, and include an entry in the All Asian DX Contest SSB Contest. ADDED NOTE: Nao is expected to also sign as OH0HG/OH2 before and after his trip to the Aland Islands, where he will visit the mainland Finland, and meet Martti, OH2BH, to celebrate their long term friendship (since 1961). QSL via JA1HGY. Online log will be available on QRZ.com.

**PA11, NETHERLANDS** (Special Event). Fred, PA0FAW, will activate special event station PA11WSF between Sept 1-25th. Activity during the "World Statues Festival" held in Arnhem. Operations mainly CW and PSK31, with some activity of which will be from WFF-FF-005. QSL via PA0FAW, direct, by the Bureau, eQSL, no LoTW, and SWL-reports very welcome.

**PJ5, SABA AND ST. EUSTATIUS.** Operators Wlodek/SP6EQZ and Janusz/SP6IXF will once again be active as PJ5/SP6EQZ and PJ5/SP6IXF from St. Eustatius (NA-145) between October 20th and November 3rd. Activity will be on all HF bands, 160-10 meters using CW, SSB and RTTY. QSL via their home call signs, direct or by the Bureau.

**SU, EGYPT.** After his 9H3IP operation (see above) Gab, HA3JB, will be active as SU/HA3JB - his renewed license is valid until November 30th. Activity will be on on CW, SSB, RTTY, PSK31 and SSTV. He will also be in the CQWW DX CW Contest (November 26-27th) as a Single-Op/Single- Band (??) entry. QSOs are valid for the HA-IPARC Award. QSL via HA3JB, direct (w/SAE) to: Gabor Kutasi / H-8601 Siófok, P.O.Box 243, Hungary. If you are IPA member please write/add your E-mail address.

**TK, CORSICA.** Operators Patrice/F5RBB and his XYL Mireille/F4FRL active as TK/homecall from Corsica between Sept 10-24th. Activity will be on 40-10 m using SSB and Digital modes. QSL via their home call sign, direct or by the REF Bureau.

**ZK2, NIUE.** Steven, ZL4CZ, will be active as ZK2AB from Namukulu Village between September 9-16th. Activity will be limited because he is on holiday, but hope to fit in as much radio as possible. He will use a Yeasu FT840 (with a FT857 for backup) and a 32 ft. multi-band vertical and Buddipole for antennas. QSL via ZL4CZ; must include SAE and IRC or 2 USDs.

That's it for September. I hope that there is something in all the DX opportunities that will interest you enough to get on the air.

Until next issue – gud DX and 73,

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

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## PCARS VE Test Sessions

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

**October 1 ~ December 3**

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

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## 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/>.





## Microphone Pigtails

Since I became a ham, I've purchased a fair number of used transceivers. Mostly at hamfests, and most of the time they come without a microphone. I guess I'm probably like many hams that have a favorite microphone anyway, so it's not much of a problem. However, since the manufacturers of every radio I own can't seem to agree on how the mic should be connected to the transmitter, this creates a problem. You could have six different microphones hanging around, but if you are like me, you'll grab the wrong one and ... well, you know.

My solution was to make an adapter, or "pigtail". Actually, I thought this was my own idea, but I have since learned you can buy these. Anyway, what I do is find the proper plug for the radio and the details on the "pinouts" (the pin on the connector that corresponds to its function). Then I solder a length of cable to the pins and bring them out to 1/8" audio connectors, which mate to the plugs on my favorite microphone and PTT foot switch.

Again, you can purchase these if you don't like to solder. Mine can be made for about one fifth the price of a purchased one. That has saved me enough money to buy my latest rig. It's an MFJ-4906 six meter QRP rig, which has yet another different microphone plug!



John, KB8UHN

Here's the real story:

So, now I'm staring at the microphone cord on my 2 meter rig. It's the one that I mostly use to check in to the Thursday night PCARS net. This plug is one of those stinking "modular" ones and the thing is getting really tired. I beefed up the strain relief on it by wrapping some soft bailing wire around it and applying many coats of



Some of John's Microphone Pigtails

liquid electrical tape. I have put together those modular connectors before and they are a major headache. And how do you keep it from ripping apart? I've got to deal with this thing before I lean back in my chair and the coiled chord yanks out and slaps me in the face while I'm making comments on the net.

Leaning back in my shack chair, without the microphone in hand, I pondered the problem. Scratching my chin, I looked up to the junk on the pegboard hooks on the wall, and saw the answer!

An old computer network cable - man that plug sure looks familiar. Took it down, plugged it into the radio, and sure enough, it clicked in just like it was made for the rig.



that the plugs are transparent, so you can see the colors of the wires, making it very easy to find the correct connections.

I just purchased a Heil headset with boom mic from a fellow in Oklahoma (Lee, KE5CUB). It turns out that this treasure is already compatible with my setup. Plug and play, baby! My digital interface was also assembled to use my so-called "universal" connections, so now I can use digital on any radio including my two meter rig through the new modular pigtail. And if that old microphone cable decides to give up, I still have the other end of the network cable ready to take over the job.

I had always tried to shy away from rigs that have the modular connector. Not anymore. I've soldered many of the round connectors too, and they can be quite tedious. The network cable makes the modular ones a "snap". Another valuable tool I found is on the Heil website, [www.heilsound.com](http://www.heilsound.com). There is an item on the website called "pinouts". It takes you to a site that has microphone hookups on literally hundreds of rigs, as well as schematics on hundreds of microphones.

**John, KB8UHN**



## ***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!

| September |                    |
|-----------|--------------------|
| 09/01     | N8WLE              |
| 09/08     | KD8JCY             |
| 09/15     | AE5WX via Echolink |
| 09/22     | N8EQJ              |
| 09/29     | KB8UUZ             |

| October |        |
|---------|--------|
| 10/06   | WB8LCD |
| 10/13   | N8QE   |
| 10/20   | KB8UUZ |
| 10/27   | KC8PD  |

| November |        |
|----------|--------|
| 11/03    | KD8FDK |
| 11/10    | WB2DFC |
| 11/17    | KD8JCY |
| 11/24    | WB8LCD |



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

| January 2012 |        |
|--------------|--------|
| 01/05        | WB8LCD |
| 01/12        | open   |
| 01/19        | open   |
| 01/26        | open   |



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!

Hope to hear you on the net,

**Tom, WB8LCD**

**PCARS Net Control Coordinator**



The third year of the PCARS Mobile Radio Cruise-In was a real success. Over seventy-five people from ten counties in Northeast Ohio attended and there was an excellent variety of mobile installations to envy or marvel at.

This has proven to be a fun event that brings hams from a wide area together for an off-beat ham radio activity. A lot of us only think of mobile operations as that two meter or dual band radio in our car but there are a substantial number of hams for whom their vehicle is a ham shack on wheels.

Tom, WB8LCD, served as judge for the awards and he had some interesting vehicles to choose from. Joe Papay, K8YSE, took top honors for Most Unique installation with the killer mobile satellite system in his pickup truck. A lot of people were impressed as they watched the antenna array track the birds that Joe was working.



Rich Feldman, K8HGY, got the prize for Best (Tom's favorite) Installation. Rich's mobile HF station included a 500 watt amplifier and a monster screwdriver antenna. He has an additional coil and whip with huge capacity hat that enables him to work 160 meters mobile!



*Jim, KC8PD*





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## Heavenly Day, It's Gay

Well, folks, we are still knee-deep in public service events. Bellefaire wraps up the events I co-ordinate, but ARES® of Portage County still has many opportunities to enjoy. With spectrum at a premium, and many entities wanting to buy spectrum (and the government really wanting to increase revenue selling spectrum) I consider it a mandate for Amateur Radio to use our allotment for public good.



Gay, WB8VNO

My thanks to those who worked the Black Squirrel Adventure Triathlon. Kent Parks & Recreation expressed their appreciation to all the hams out on the course. Participants commented on how grateful they were to have someone at every turn to point the way. Thank you to: Jim-KC8PD, Jim-KC8YYS, Al-KD8LEB, Frank-W8EZZ, Lee-KC8HOU, Christopher-KD8QDZ, Dave-K8DPF, Sandy-KC8JCY, Art-N8RKA, Frank-N8SGS, Rex-NX8G Rex, Ted-WD8CVH, Bob-N8KBX, Mike-WB8CXO and Terry-KB8AMZ.

Communications went well, however next year I will use the repeater as opposite ends of the course couldn't hear each other.

Thank you, Rex-NX8G for the loan of your mobile radio. Our Icom 271A worked just fine at home, but didn't at set-up. Plan B was my HT, which was adequate, but Rex came to the rescue. My Icom is now on the air again after replacing two by-pass capacitors in the audio circuit.

Fox Hunts will continue until the time changes from EDT to EST. I missed the Radio Cruise-In because I knew I couldn't get away with "hiding" there like I did the first year. Imagine my surprise that year when I was found by a hunter who had showed up at the cruise-in before going to the hunt starting point! I had to give Eddie-KD8FTS, credit for the first to find!

Come out and join us! Show up at the Scout House behind The Church in Silver Lake on Route 59 and ride with someone if you aren't set up to do Direction Finding.

73 & 88,  
Gay, WB8VNO

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## EmComm



As this is being written, Hurricane Irene is pounding its way up the Eastern seaboard. Emergencies have been declared in a number of states, evacuations have been ordered, shelters are being opened and emergency operation centers have been activated.

If you have had training in the Incident Command System you know how well-suited the ICS is to providing a coordinated organization for managing the multi-agency response to a large scale, multi-jurisdictional incident such as this. It would be an exceptional learning opportunity to be able to participate in any capacity within the ICS management structure for this incident.

In the midst of all this, PCARS member George Riedel, N1EZZ, is currently stationed in North Carolina as a Red Cross volunteer waiting for assignment after the hurricane has swept north of his location. He had just



recently returned from a three week deployment in Alabama following the tragic tornadoes that struck the South this past spring.

George is a personal hero for me. You may recall his presentation at a PCARS meeting about his service as a MARS volunteer in Haiti after the 2010 earthquake there. His selfless willingness to pick up and go where assistance is needed sets an example for all of us. He also shows us that there are ways to serve that don't necessarily include being emergency communicators.

As a side note, if you want to stay informed about hurricane activity, check out the Hurricane Watch Net which maintains a web site at <http://hwn.org/>. The HWN, which provides support to the National Hurricane Center, operates a net that you can monitor on 14.325 MHz.



If you have an interest in monitoring hurricane response and relief efforts, more information about other active frequencies can be found at a variety of sources, including <http://www.palmsradio.com/hurricane.html>, <http://www.qsl.net/w2vtm/hurricanefreqs.html>, and [http://www.w4rfd.com/hf\\_weather\\_nets.html](http://www.w4rfd.com/hf_weather_nets.html).

Severe weather events such as late summer hurricanes in August serve as a harsh reminder that September is National Preparedness Month. Information about personal, family and community preparedness can be found at <http://community.fema.gov/connect.ti/READYNPM>. Watch for other information about local or regional preparedness activities.

Of course the best way for all of us as ham radio operators to become better prepared for incidents and emergencies is to get involved in activities like RACES and ARES® that can provide information, training and practical experience. So follow N1EZZ's example and get involved! You never know when your help may be needed.

73,

**Jim, KC8PD/AAM5EOH**

Radio Officer, Portage County EMA/RACES

EC, ARES® of Portage County

Emergency Operations Officer, Ohio Army MARS



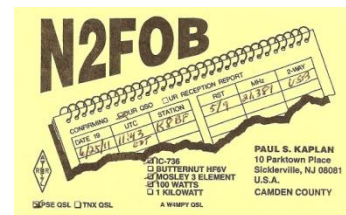
## PCARS QSL Activity



Al, KB8VJL at the Post Office

So far we have received seven QSL cards with requests to please return a card from K8BF. These came in as a result of our 2011 Field Day event.

Three cards included SASE's (Self Addressed Stamped Envelopes) and four cards requesting return cards did not include an SASE. But knowing how people like QSL cards, I return K8BF cards to everyone. It would be nice to receive SASE's to cut down on trips to the post office... as I have to travel a little to get to one.



One of the received QSL cards

73,

**Al, KB8VJL**

K8BF QSL Manager

## ***ARRL Members Nominate Candidates for Director, Vice Director***

The policies of the ARRL are established by 15 Directors who are elected to the Board on a geographical basis, with elections for three-year terms held in five divisions each year. At the same time, Vice Directors are elected on the same basis. Responding to solicitations in the July and August issues of QST, ARRL members in the Atlantic, Dakota, Delta, Great Lakes and Midwest Divisions have nominated 15 candidates for the 10 positions of Director and Vice Director.

### **In the Great Lakes Division:**

Current ARRL Great Lakes Division Director **Jim Weaver, K8JE**, of Mason, Ohio, was the only nominee for the position and was declared re-elected without balloting.

Incumbent Great Lakes Division Vice Director Gary Johnston, KI4LA, of Edgewood, Kentucky, decided not to seek re-election. Michigan Section Manager **Dale Williams, WA8EFK**, of Dundee, was the only nominee for this position, so he was declared elected without balloting.

***From the ARRL***

## ***September Contest Calendar***

| September 2011                     |                                |
|------------------------------------|--------------------------------|
| MI QRP Labor Day CW Sprint         | 2300Z, Sep 5 to 0300Z, Sep 6   |
| <b>Ohio State Parks On The Air</b> | <b>1600Z-2400Z, Sept 10</b>    |
| ARRL September VHF QSO Party       | 1800Z, Sep 10 to 0300Z, Sep 12 |
| North American Sprint, CW          | 0000Z-0400Z, Sep 11            |
| Washington State Salmon Run        | 1600Z, Sep 17 to 2400Z, Sep 18 |
| North American Sprint, SSB         | 0000Z-0400Z, Sep 18            |
| CQ Worldwide DX Contest, RTTY      | 0000Z, Sep 24 to 2400Z, Sep 25 |
| Texas QSO Party                    | 1400Z, Sep 24 to 2000Z, Sep 25 |

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

## ***Swap-N-Shop***

**FOR SALE : Icom IC-7000 HF-VHF-UHF Transceiver** with AB5N mic mod. Has the original power cord, manual and factory packaging. Also included are the separation kit, Nifty Manual, external cooling fan and an additional (shortened) power cable. The radio is in excellent condition, has been used very little and has always been in a nonsmoking environment. \$1000.00. I also have several other accessories for this radio if the buyer or someone else is interested. [12/2/11]

**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 V 30 Amp watertight pin & sleeve connector - excellent condition \$90.00 [12/2/11]

**FOR SALE:** 553 Feet of NEW 1-1/4" RFS Heliac. \$1000.00 [12/2/11]

**FOR SALE:** 3 rolls each 200 Feet of Used 1-5/8" Andrew Heliac with connectors \$200 each [12/2/11]

**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. [12/2/11]

**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 [12/2/11]

**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. [12/2/11]

**FOR SALE:** Andrew 22' Superflex FSJ4-50B jumpers with N-male & DIN-male connectors. \$15.00 each. [12/2/11]

**FOR SALE:** New N-female to N-female Mil-Spec adapters \$5.00 each [12/2/11]

**FOR SALE:** New N-male to N-male Mil-Spec adapters \$5.00 each [12/2/11]

**FOR SALE:** New In Box GE CL01A400TJ Contactor 4 poles rated 25 A @ 600 V 120 Volt Coil \$50.00 [12/2/11]

**FOR SALE:** New In Box GE CL01D310TD Contactor 4 poles rated 25 A @ 600V 24 Volt Coil \$50.00 [12/2/11]

**FOR SALE:** New In Box GE CL25A300T Contactor 4 poles rated 32 A @ 600 V 120 Volt Coil \$75.00 [12/2/11]

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)

**WANTED: USED TOWER** - Looking for 30ft but 25ft would be ok. At 30ft I could have a beam and also a dipole for MARS. [9/2/11]

Contact: **Jeff** - [KD8DQT@portcars.org](mailto:KD8DQT@portcars.org) or call: 330-760-5555

**FOR SALE: Yaesu FT-1900** single band 2m Mobile Radio (manual, power cables and mounting Bracket) Mic also, **ADMS 1900** Programming Software w/ USB Cable. **Diamond NR770HA** Dual Band 2m/430 Antenna (UHF mount) ...<NOTE> DOES NOT INCLUDE MOUNT - \$175.00 for all 3 as a bundle. [10/2/11]

Contact: **Al** - [KD8LEB@portcars.org](mailto:KD8LEB@portcars.org) or call 330-842-7640

**FOR SALE: The MFJ-976 Tuner.** 1500 Watt full legal limit fully balanced antenna tuner. Very wide matching ranges (12-2000 ohms) and continuous 1.8-30 MHz coverage including all WARC bands! It handles a full 1500 Watts SSB and CW. \$479 new, will sell for \$350.00. Used only a few times. Do not need it with my 4 element SteppIR. [10/2/11]

Contact: **Chuck** - [W8PT@portcars.org](mailto:W8PT@portcars.org)

**FOR SALE: Cushcraft 10-3 ten meter 3 element beam.** I've dry fit it and it seems that the only piece missing is a 6" x 6" aluminum mast plate. \$299 new, I'd like to get \$100 plus shipping (should be around \$16.00 to ship). [10/2/11]

Contact **Randy** - [N6TL@portcars.org](mailto:N6TL@portcars.org)

**Editor's Note:** Ads run for 3 months then are dropped from the listing **UNLESS** you send it in again. Each ad will have an expiration date that looks like: [07/15/11] when they will be removed. This will help keep the listings current.



## Hamfest Calendar

**09/11/2011 - Great Lakes Division Convention (Findlay Hamfest).** Location: Findlay, OH. Sponsor: Findlay Radio Club. Website: <http://www.w8ft.org>

**09/11/2011 - Butler SwapFest.** Location: Butler, PA. Sponsor: Butler Amateur Radio Association. Website: <http://w3udx.org>

**09/25/2011 - Cleveland Hamfest and Computer Show.** Location: Berea, OH. Sponsor: Hamfest Association of Cleveland. Website: <http://www.hac.org>

**10/30/2011 - Massillon Hamfest.** Location: Massillon, OH. Sponsor: Massillon Amateur Radio Club. Website: <http://www.w8np.org>





## Hamfest Report - Warren

At 7:20 am Parky, KB8UUZ and I were on the road to the Warren hamfest. The hamfest was at the Trumbull County Fairgrounds - the same place they have been for the past 3 years. We arrived there just before 8 am, no lines, drove right in and got parked.

The first person we saw and said hello to was fellow PCARS member Matt, W8DEC. He said he had spent the night at the fairgrounds helping the Warren radio club get set for the hamfest. The threat of rain and stormy weather kept many people from coming out. The crowd was a bit small and the vendors a bit sparse.

PCARS people were there and we managed to say hello to a number of people. We left shortly after the 9 am drawing and headed over to The Waffle House for breakfast, then drove through rain on the way home.

All-in-all it was a good adventure and was great seeing some ham radio acquaintances while at the hamfest. We'll be going there again next year.



73,  
*AI, KB8VJL*

## PCARS Meetings

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

Meetings are at the

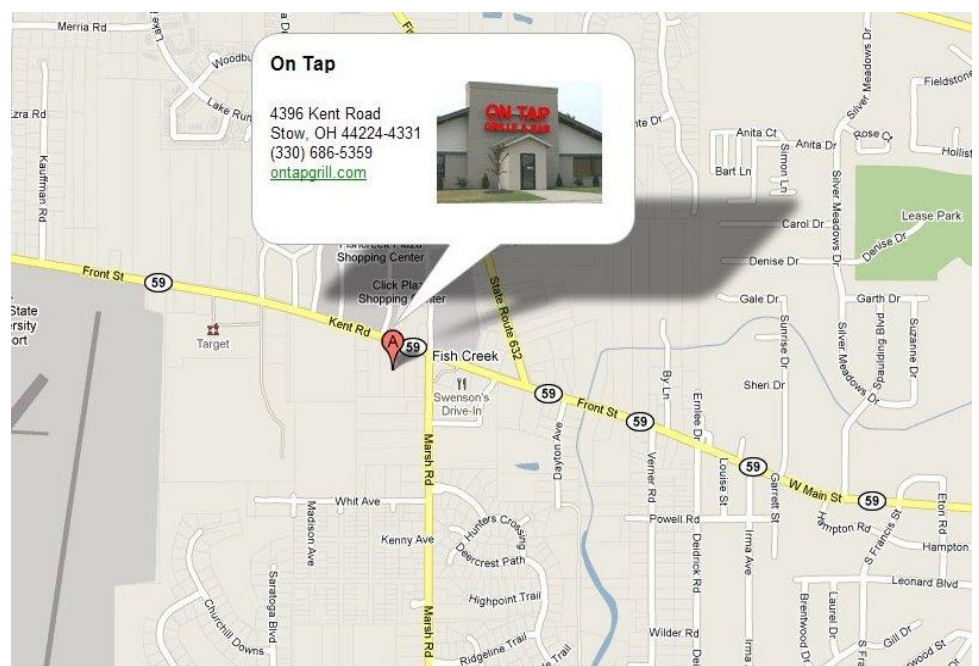
**On Tap Grille**, - 4396 Kent Rd.  
(State Route 59), in Stow.

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 - November.

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



## Job Opportunity at DX Engineering

Make your Ham Radio Hobby a part of your Career!

### Social Media Rep/Writer



A person who plans and conducts public relations and consumer education programs designed to create and maintain a favorable public image for DX Engineering.

This person will assist in the planning, development and communication of information designed to keep consumers informed of DXE's products, accomplishments, or point of view primarily on social media sites. Writes and solicits/edits/reviews articles from customers on DXE products. Conceives areas of opportunity from personal knowledge and from social media.

Qualified candidate should possess a Bachelor of Science degree in a technical field of study - Mechanical Engineering preferred - and one to two years of related writing experience, or equivalent educations/experience combination. Amateur Radio experience necessary. Contract/work from home will not be considered.

Please contact/send resumes to the HR department: [thesketh@dxengineering.com](mailto:thesketh@dxengineering.com)

Tim Hesketh - P.O. Box 1491 - Akron, OH 44309

Fax: (330) 572-3262



### 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 38 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.



## *On the Rails Again*

I will be Amtrak Echolink Mobile at selected times from September 6-13, 2011... as I take a train trip with my Mom to Denver, Colorado, for the Clive Cussler Collectors Society 2011 Convention. This will be her final train trip, as it's too hard for her to travel anymore... she'll be 85 on September 1st. I joke that "I'm her escort and chaperone" on the trip (hi hi).

This time, a Verizon Mi-Fi card should allow me a wireless internet connection virtually anywhere from the laptop within my Sleeping Car accommodations. I will take a break for meals in the Dining Car, since they are included in the price of the ticket. Quiet Time on the train is from 11pm to 8am Eastern Time, so no operating will be done during those hours. I have attached an image for you to use. Edit this as you see fit.

As of right now, if the train is on time, I'll be operating Amtrak Echolink Mobile from within these windows (all times are approximate and U.S. Eastern Time):

**Tuesday, September 6:** My Mom and I board at Little Rock at 12:30am, but will likely head right to bed. My first operating will be sometime between St. Louis, Missouri, and Bloomington, Normal, Illinois, after breakfast and before lunch, between 9am and 12 Noon. After lunch, I'll try to operate just before the train arrives in Chicago, which would be somewhere between 1pm and 2:30pm. If the hotel has Wi-Fi, I'll operate from there that evening.

**Wednesday, September 7:** Sometime between Chicago, Illinois and Mount Pleasant Iowa, between 3:30pm and 7pm. Then, after a dinner break, I may try to operate from Ottumwa, Iowa, and Omaha Nebraska, between 8pm and 11pm.

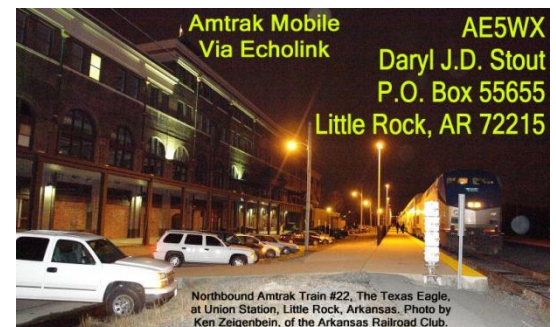
**Thursday, September 8:** My Mom and I arrive in Denver around 8:15am...but will likely head to the hotel, and rest during the day. If the hotel has Wi-Fi, I may try to check into the PCARS Net from the hotel, since Colorado is 2 hours earlier than Ohio, and I will operate at other times on Friday and Saturday. After that, I'll be attending a dinner with my Mom and early arrivals to the Convention.

**Friday, September 9:** The activities don't start until that evening, so I'm not sure when I'll operate.

**Saturday, September 10:** I will be helping the Mile High VE Team with a VE Test Session near downtown Denver that morning, and will be back at the hotel sometime that afternoon. That evening, at 8pm, I will run the Skywarn Hurricane Prep Net on the \*WX\_TALK\* Conference server, Echolink Node 7203, IRLP 9219... again, if the hotel has Wi-Fi.

**Sunday, September 11:** The Amtrak station in Denver has Wi-Fi, so I might operate from there until the train arrives around 8:30pm. I'll try to operate a little bit, before "quiet time" arrives. If the train is on time, I may try to get dinner in the Dining Car.

**Monday, September 12:** After breakfast somewhere between Creston and Osceola, Iowa, I'll try to operate between there and Galesburg, Illinois... sometime between 8:40am and 12:30pm. After that, I won't operate again until I get to the hotel in Chicago that evening.





**Tuesday, September 13:** Sometime between Chicago, Illinois and St. Louis, Missouri, between 3pm and 8:15pm, I'll try to operate...depending on when I get dinner. I likely won't operate after 11pm, as that's quiet time on the train.

**Wednesday, September 14:** I arrive back in Little Rock at 4am... but likely will rest the rest of the day.

**Thursday, September 15:** I plan to operate the PCARS Net that night, via Echolink, weather permitting. I will notify Tom, WB8LCD, if The Weather Watch Net, or Arkansas Skywarn, has to be activated. If that occurs, I'll do the net another time.

I still hope to do one final train trip to PCARS next July... but several things have to fall in place, before I can finalize the plans. If you have any questions, drop me an email.

73,

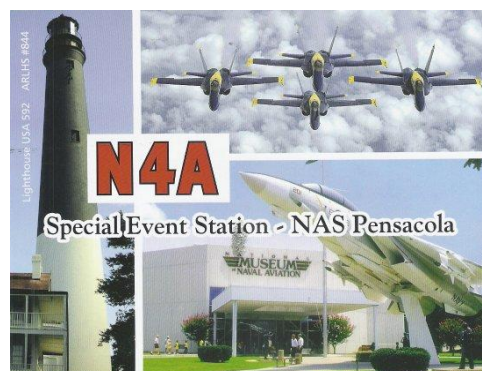
*Daryl, AE5WX*



## *Paper Chase Follow Up*

A couple months ago I informed you about the special event station celebrating 100 years of Naval Aviation. The QSL card for the event is now being mailed and if you worked N4S you should be receiving your card soon.

For you that were not fortunate enough to have worked N4A, here is a copy of their QSL card. It shows the Museum entrance, the Blue Angels and the lighthouse on the Naval Air Station. If you are a Amateur Radio Light House Society member you got two for one. Surprises are always nice.



Hope you were in the pile-up,

*Joe, W8KNO*



## *Paper Chase*



Here it is September already. That means it's time for the Route 66 Special Event. Our own OSPOTA is similar except Route 66 has fewer sites. There are fourteen cities from Chicago to San Bernardino and three mobile stations; one is actually driving all the way from California to Chicago. The event will be from September 10th to the 18th.

If you do not know anything about Route 66, here is some information:

US Highway 66 was established in 1926 and was the first major improved highway to link the west coast with the nation's heartland. Through stories,

songs, and TV shows, the highway came to symbolize the spirit of the freedom of the open road, inspiring many to see America. However, the demise of Route 66 began in the 1950's as the US began building its interstate highway system, and the highway was officially decommissioned in 1986. None the less, small portions of the US Highway 66 still exist in towns and rural areas in several states. If you would like to get a personal opinion, talk to Al, KB8VJL, who has traveled the road.

I have attached a copy of the certificate that you can get for working only one fixed or mobile station direct or through a repeater, though you will probably want to get them all. The different stations will be operating up to four modes: CW, phone, digital and repeater. Additional information can be found at: <http://www.w6jbt.org/>.

The special event stations will likely be found somewhere in the vicinity of the following frequencies. (Look for digital modes in the standard band segments for such mode) All Frequencies +/- QRM



|                | 80M   | 40M   | 30M    | 20M    | 17M    | 15M    | 12M    | 10M    | 6M     |
|----------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| <b>CW</b>      | 3.533 | 7.033 | 10.110 | 14.033 | 18.080 | 21.033 | 24.900 | 28.033 | 50.033 |
| <b>SSB</b>     | 3.866 | 7.266 | --     | 14.266 | 18.164 | 21.366 | 24.966 | 28.466 | 50.166 |
| <b>DIGITAL</b> | 3.580 | 7.070 | 10.140 | 14.070 | 18.100 | 21.070 | 24.920 | 28.120 | --     |

If you would like a certificate, please send \$4.00 (cash, check, or money order) and your application to: "C-Bar-C" or "Citrus Belt Amateur Radio Club" - P.O. BOX 3788 - SAN BERNARDINO, CA 92413

I'll be listening for you in the pile-up,

*Joe, W8KNO*

## 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, W8PT, N8RLG, KB8UHN, WB8VNO, KB8VJL, KB8UUZ, AE5WX, W8KNO, The ARRL and the World Wide Web.**

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



**Tom, KB8UUZ**  
PCARS Newsletter Editor



## Pictures from the August PCARS Meeting





# - Amateur Radio Instruction Class -

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

will be offering an Amateur Radio **Technician** course

that will enable ***you*** to obtain  
your FCC **Technician** license as an

## **AMATEUR RADIO OPERATOR**



**When:** Tuesday Evenings 7:00 p.m.  
Starting September 13, 2011

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

**Text:** ARRL "*Technician Class License Manual*"  
Books may be purchased from PCARS for \$25.00



Information  
and Registration:

Contact: **Jim Aylward, KC8PD**  
by e-mail: [KC8PD@portcars.org](mailto:KC8PD@portcars.org)  
or phone: **330-297-7979**



As a licensed **Amateur Radio Operator** you will be able to:

- **Contact other ham radio operators in the area and around the world**
- **Serve your community – ham radio operators are the critical communication link during disasters and emergencies**
- **Participate in a fascinating and rewarding hobby for all ages**

For more information about PCARS, go to **[www.portcars.org](http://www.portcars.org)** , or contact  
Jim Aylward, KC8PD, at [KC8PD@portcars.org](mailto:KC8PD@portcars.org), or by phone at **330-297-7979**

The **P**ortage **C**ounty **A**mateur **R**adio **S**ervice, Inc. (**PCARS**)  
announces the fourth annual



## Ohio State Parks On The Air contest

Saturday, September 10, 2011, from 1600 UTC to 2400 UTC

There are **75** Ohio State Parks  
Make a day of it and join us in the **FUN!**

Visit a beautiful Ohio State Park  
and have some  
Amateur Radio Fun at the same time!



**Rules? Entry Forms? Log Sheets? Ohio State Park Information?**

Check out **all** the details at: <http://parks.portcars.org>

*Questions? Contact Chuck, W8PT at [W8PT@portcars.org](mailto:W8PT@portcars.org)*



# 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 2011

|                       |                              |                             |
|-----------------------|------------------------------|-----------------------------|
| 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 2011        | <b>K8CAV</b><br><b>N8HUC</b> | Rick Kruis<br>Karen Andrews |
| 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 2011           | <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 |



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Portage County Amateur Radio Service, Inc. (PCARS)  
Tom Parkinson - KB8UUZ - Newsletter Editor  
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**NLC**



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