



The **RADIOGRAM**

When All Else Fails ~ Amateur Radio Works



January 2014 ~ Official Newsletter of the Portage County Amateur Radio Service, Inc. (PCARS) ~ Vol. 9 No. 1

~ 2014 Officers ~

President - Tom Sly - WB8LCD
 Vice President - Jim Aylward - KC8PD
 Treasurer - George Proudfoot - K3GP
 3 Year Trustee - James Andrews - KD8VT
 2 Year Trustee - Erica Pelz - AE8YL
 1 Year Trustee - Bob Hajdak - N8QE

~ Meetings & Net ~

2nd Monday of
 each month, 7pm
 Thursday night
 Club Net 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

Congratulations to all of you who made it into 2014! This is the start of a new year, and your opportunity to make the changes necessary to get what you want out of your hobby – Amateur Radio. Now most people use the first of the year as a time to make “resolutions”. To me, that's kind of rigid and formal, and most people don't stick with them anyhow. I like to set “goals”, knowing that any progress towards a goal is positive, and goals can be adjusted as time goes by to make sure they are realistic. So, how about some “goals” for your participation in Amateur Radio? Be creative, and make them measurable, that way you can review them monthly (or whatever you deem appropriate) to see how you are doing or if they need to be adjusted.

So, let's say your goal is to get your code speed from 3 wpm to 20 wpm. The only way to do that is to practice. So, say in January we'll make 2 CW Q's per week, February we'll increase that to 3, March 4 and up from there. (the better you get at it, the more fun it becomes and the more you'll want to do it). Remember, these are just minimum goals, if you do more in any given week that's great – you've met your goal. So it's the activity that's most important to reach your goals. Make the activity your priority, for example, if by Thursday night of any week you don't have the stated number of Q's you need to meet the short term goal, don't sit down to watch TV or play cards until you meet your short term (weekly) goal.

You can have several goals that are related, and even more that are not related – ham radio goals, exercise goals, relationship goals, etc... But, remember, it's the activity not the goal that gets the priority. So, as you do the activities, you get better. Pretty soon you'll be awesome!

2014 is the 100th anniversary of the American Radio Relay League (ARRL). As I've said before, I'll admit to being a schill for the League. While I don't agree with everything they do, or even how they do it, the ARRL is vitally important to the continued future and existence of Amateur Radio. If you are at all concerned about Amateur Radio, they deserve your support. At the very least, become a member. If you have the capability, support their activities in the area of “Spectrum Defense” - they're the only one's doing it on our behalf.

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Tom, WB8LCD

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From the President *(continued from Page 1)*

This summer they will be having a 100th anniversary celebration in Hartford, CT. I hope I get the chance to see quite a few PCARS members in attendance. **Congratulations to the ARRL for serving and supporting our hobby for these past 100 years!**

So, PCARS, 2014. You have paid your dues haven't you? If not, now is the time to get them in. You can mail your renewal to Secretary Amy, KD8SKL, at the address on the form, or, new this year, you can pay your dues via **PAYPAL**. Just go to your Paypal account and click the link to "Send Money". The email address to send it to is: pcarsk8bf@gmail.com, be sure to include your name and callsign in the comments section, and we ask that you include the \$.88 that would be the normal transaction fee for using a credit card.

January is going to take off with a BANG! We've got both an Extra upgrade class starting on Wednesday January 8th and General upgrade class starting on Tuesday January 14th. Our club meeting, on Monday January 13th will feature a presentation by Steve, K8SRR on computer networking. What's that got to do with Amateur Radio you ask? Well, there is a new tactic being used in EmComm circles where the wireless modem becomes your transceiver and 2 way amateur digital communications are taking place on 2.4 GHz. Your station can become part of a "Mesh Net", hence, understanding computer networking becomes important. Even if you

don't intend to get involved with the Mesh Net, it's still a very good program to learn what happens with your computer when you enter the internet. *Very* interesting stuff.

Towards the end of the month, on Saturday January 25th, at 10:00 am until whenever, we'll be having a workshop at the club site. Parky, KB8UUZ, will show you how to properly install PL-259 connectors to coax cable – a skill every ham should have. We'll make available some short “jumper” kits (at cost) so you can give it a try under Parky's guidance. Bring your own spool of coax and connectors if you want and Parky will help you get it ready. I will also have a supply of Powerpole[®] connectors and cable for anyone who wants to put together some power cords, again, at whatever cost to the club is. Crimpers and soldering equipment will be available. Finally, Brian, N8ZPS, will have an easy project for making a 2-meter vertical antenna out of coax cable (who knows, it might even need a coax connector put on the end), again, at cost. Come on out, melt some solder, and you'll probably even be able to eat a donut! (no cost)

Looking further ahead, February's meeting will feature a **live** via Skype presentation from Bob Heil. Believe me, you want to be at this meeting! On Saturday the 15th we've got the annual FYAO. Towards the end of the month, Zeb, KD8WZS, will have a “redo” of a nut-runner project, a small, power pole distribution box. March's meeting will feature a presentation from the folks at Bulldog Battery. Later in the month we'll have yet another Saturday workshop, this time featuring Rick, K8CAV, who will begin what I hope will be a series on using the Volt/Ohm meter to diagnose circuits – Yes – you can do much more than just measure the voltage of your batteries with your VOM!

PCARS Special Interest Groups (SIGS) will continue giving you an opportunity to come out to the club site at least once a week. Net Night at the club site will continue on the 4th Thursday of each month. If you participate in any amateur radio activities outside of PCARS, you could have one heck of a busy year! Remember, K8BF means “**Big Fun**”!

73,
Tom, WB8LCD
PCARS President



PCARS

ARRL Volunteer Examiners:
serving the Amateur Radio
community

First Saturdays 10:00 am
at the club site in Ravenna
February, April, June, August,
October, December

Gay Wands, WB8VNO - SK



With heavy heart, it has been reported that Gay Wands, WB8VNO became a Silent Key on Christmas day. Gay will be remembered by many hams as a kind and encouraging person who loved amateur radio and the people involved in it. Gay is a Charter Member of PCARS and supported the club since the first meeting in January 2006. With her OM Ted, WD8CVH, Gay attended just about every PCARS function. She was liked by all that met her. Gay will be missed by many hams throughout the area.



Gay at the first PCARS meeting in 2006



Gay running the CFARC Hamfest 2 meter check-ins



Gay, WB8VNO and OM Ted, WD8CVH at a recent PCARS meeting

Heavenly Day, It's Gay

The above title is what Gay used when she wrote one of her many articles for The Radiogram. She usually wrote about Fox Hunting or Special Events that needed help in communications.

I was truly sad to hear about the passing of Gay. I know many other local hams feel the same way as well. Gay was always there to give encouragement to new hams as well as seasoned hams.

Peggy, KB8SZI and I met Gay when we were first licensed in 1994 and were members of CFARC. Peggy has an ARRL First Contact certificate on the wall showing her very first contact on amateur radio was with Gay.

Gay said she always liked the pictures I took of her at various events and I always told her the pictures were nice because of the person in the picture - she always liked hearing that.

We'll all miss her very much.



Gay, WB8VNO

Tom, KB8UUZ
PCARS Newsletter Editor

From the Vice President

It is great to back as club VP and I look forward to the challenges that the upcoming year will present. With that in mind, let me offer a quote from my last VP column in the December 2008 newsletter:

“As I sat down to write this column all I could think was “Where did the last three years go?” It seems like it was just weeks ago that Tom, WB8LCD, Parky, KB8UUZ, Al, KB8VJL, Russ, KB8DPN, Joe, W8KNO, and I first began discussing starting a new amateur radio club in Portage County. Heck, most of us barely knew each other but in no time we found that we had a common goal: a club that gave everyone the chance to have as much ham radio fun as possible.

And out of that PCARS was born.

Little did we know just how much work we had created for ourselves. At times it felt like we had taken on part-time jobs running a non-profit business. But at all times it was a labor of love.

Tom had the task of steering the new club while we charted its course. Parky, in addition to being treasurer and secretary, edited what is without a doubt the best newsletter in the Ohio Section. Russ was our webmaster, Al became the trustee for the club call sign and was responsible for the club's QSL'ing, and Joe was our contest guru. And I found out the hard way what the bylaws meant by saying that the vice-president will “organize, plan and recommend activities” for the club.

Needless to say it was all that I could have expected...and more! To paraphrase the ARRL slogan, “When all else fails...put on the presentation yourself.” But we learned by doing and by listening to the members and by trying to provide the meeting topics, programs, projects, and activities that they were interested in.”

Well the club has grown and a lot has happened since then but some things remain the same: we want to be sure that PCARS is offering a range of topics, programs, projects and activities that will appeal to all of the hams in our area. Not all of them will be hits (there are bound to be some misses, but that's what you get for trying) but there will be something there for everyone.

We are returning to our commitment that every month there will be some activity in addition to the regular club meeting, not to mention the numerous events that happen at the club site, a facility that five years ago was little more than one garage bay in an unsecured building.

Let us know what you want, your input is invaluable and your satisfaction with club operations is most important.

Thanks to Tom, WB8LCD, for the activities already on the club's calendar for early 2014. Watch for regular announcements and emails about new events as they are added and I look forward to seeing you at them and at the club meetings.

73, and best wishes to all of us for a very Happy PCARS New Year!



Jim, KC8PD
PCARS Vice President

Mark Your Calendars

On the calendar for upcoming meetings and activities are:

- Jan 8th - **Extra Class Upgrade Class** - Starts 7 pm - Club Site in Ravenna. See flier
- Jan 13th - **PCARS Meeting** - 7 pm - Computer Networking for Hams, by Steve, K8SRR
- Jan 14th - **General Upgrade Class** - Starts at 7 pm - Club Site in Ravenna. See flier
- Jan 25th - **At the club site: Powerpole® Project.** We will be building 12-volt distribution boxes and extension cords based on Anderson Powerpoles®. Plus soldering PL-259's to coax cable. Project coordinator: Tom, WB8LCD watch for more details to follow.
- Feb 10th - **PCARS Meeting** - 7 pm - Bob Heil, K9EID founder & owner of Heil Microphones via Skype
- Feb 15th - **Freeze Your Acorns Off (FYAO)** from Fred Fuller Park in Kent
- Feb **Date To Be Determined** - **Powerpole Distribution Project**, similar to the "nut runner" - by Zeb, KD8WZS. Watch for more details to follow.
- Mar 10th - **PCARS Meeting** - 7 pm - Everything You Wanted To Know About Batteries But Were Afraid To Ask. By Bulldog Batteries of Mentor
- Mar 22nd - **VOM training** by Rick, K8CAV. Learn how to properly use a Volt/Ohm meter, and all of the testing techniques you can use it for. This is the most basic and most useful test instrument available, everyone will improve their skill level with this training!

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 - **Antenna** Special Interest Group
- Fourth Tuesday - **DX & Contest** Special Interest Group
- Fifth Tuesday - **Linux for Hams** Special Interest Group



Fourth Thursday - Net Night at the club site - 6:30 pm

PCARS
Join Now
Discover the FUN



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www.portcars.org



Join or Renew
your
ARRL
Membership
TODAY!
www.arrl.org/join

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PCARS VE Test Sessions

PCARS VE sessions are scheduled for 10:00 am on the first Saturday of every even numbered month.

February 1st, April 5th, June 7th, August 2nd, October 4th, December 6th

Special General Class VE Test Session (Open to anyone) - **March 4th - 7 pm**

Special Amateur Extra Class VE Test Session (Open to anyone) - **March 19th - 7 pm**

What to Bring to the Testing Session

- \$15 is the current test fee. We prefer the exact amount in cash or a check made out to: ARRL-VEC
- A government photo ID (**driver's license or state ID card preferred**).
- Your Social Security Number or FCC Federal Registration Number. We are required to submit either your Social Security Number (SSN) or your FCC Federal Registration Number (FRN) with your application. If you are upgrading, your FRN is on your current Amateur Radio license.
- A pen (black ink) and pencil (we can loan you either or both)
- **If you already have an Amateur Radio license: The original (*and one copy*) of any current (*unexpired*) amateur radio operator's license issued to you.**
- If you've already passed a test: The original (**and one copy**) of any document that you will use to prove you've already passed a test element. These documents may include:
 - An unexpired Certificate of Successful Completion of Exam (CSCE) indicating the credit(s) earned indicating the credit(s) earned.
 - Pre March 21, 1987 Technician license (this provides credit for the Element 3 (General) exam).



Robert, N8RLG
PCARS VE Team Liaison

Ham Nation Spotlights PCARS

PCARS was highlighted on Ham Nation (#128) Wednesday evening December 18th.

If you missed watching it live, you can view the replay or download it from the Ham Nation website (<http://twit.tv/hn>) or on YouTube (<http://www.youtube.com/user/TWiTHamNation>)

PCARS Web site was highlighted and they showed the PCARS FYAO 2012 Video !!

The links talked about during the Ham Nation show are posted at www.HamNationVideos.info. It's a site hosted to help Ham Nation Video viewers. It is programmed and maintained by Dan, N9LVS who also does the Ham Nation Wiki page at TWIT.TV (TWIT = This Week In Technology).

The links are also along the left column with the newest on top. About a month's worth appears in the left hand column. You get to all the links to videos aired since the middle of June by clicking on the Archive button at the top of the page.

More information on this edition (and past editions) of Ham Nation can be found at: http://wiki.twit.tv/wiki/Ham_Nation_128



73,
Tom, KB8UUZ

PCARS President's Award

At the end of PCARS' first full year as a club, we had had a lot of fun and success as a new club. One thing was very clear to the officer's at that point: we (the officers) were not the "do all, end all" of what had been experienced. Every single member of PCARS was an important part of all that had taken place and all that had been accomplished. Still, there were some whose contributions were above and beyond what is normally expected of a club member. The "PCARS President's Award" was established as a way to recognize and honor those whose contributions were exceptional for the good of the club.

To date, the recipients of the award are as follows:

2006 – KC8RJR Errol Jordan

2007 – KD8EPA Dan Porcase

2008 – N8EQJ (K8IV) Ed Polack and WB9LBI Bill Fraedrich

2009 – KB8TUY Mike Ryan, KD8LDY (NR8W) Russ Williams and KD8FLZ Mike DiCarro

2010 – KD8VT James Andrews and K8SRR Steve Randlett

2011 – K8CAV Rick Kruise

2012 – K8FEY Bob Hewett and N8QE Bob Hajdak

Each and every one of these gentlemen have contributed of their time, talent and treasure for the benefit of the club, in ways that have added to the enjoyment of the club by every member. To each and every one of you, I offer my most heartfelt **Thanks!**

As I looked through the list of prior award winners ("earners" would be more descriptive), I noticed one name that was blatantly missing. KB8UUZ -Tom Parkinson. You all know how Tom works hard to put out a very high quality newsletter every month for PCARS. Including this January 2014 issue, that's 97 consecutive months of newsletter publication. And Tom does not just put out a newsletter, he consistently puts out an "award winning" newsletter! Even without the newsletter as part of the consideration, Tom puts out almost all of the activity announcements, like the Tech Class flier and the FYAO flier as just two examples. Tom is involved with many of the activities of the club, almost always behind the scenes, doing support work that usually helps someone else look good. Tom is always looking for, and finding ways, to promote the club not only on a local, but on a national basis. Without Tom's efforts, PCARS would not be the club you know today. Picking Tom for the 2013 President's award was a no-brainer. Thank you, Parky!



Tom "Parky" KB8UUZ and Tom WB8LCD

Please join me in congratulating Tom as the 2013 President's Award winner. And please thank all the prior award winners. All have contributed to making PCARS one heck of a great club! I also want to thank every other PCARS member who has contributed in any way – you are all appreciated for all the things you do.

Tom, WB8LCD

Contest Calendar

January 2014	
ARRL RTTY Roundup	1800Z, Jan 4 to 2400Z, Jan 5
North American QSO Party, CW	1800Z, Jan 11 to 0600Z, Jan 12
ARRL January VHF Contest	1900Z, Jan 17 to 0359Z, Jan 19
North American QSO Party, SSB	1800Z, Jan 18 to 0600Z, Jan 19
CQ 160-Meter Contest, CW	2200Z, Jan 24 to 2159Z, Jan 26

Google the Contest Name - Read the Rules & Have Fun. YES - There are MANY More Contests out there - Check the Internet



ARRL VHF Contest

Winter Warm Up

ARRL January VHF Contest
January 18-20, 2014
Begins 1900 UTC Saturday. Ends 0359 UTC Monday.

Enter "Portage County Amateur Radio Service" as your club name

The graphic features a circular inset photo of a man in a blue shirt and cap operating a radio station. The background is a dark, abstract design with colorful, flowing lines in red, orange, and yellow.

W1ØØAW for League's Centennial

The FCC has authorized the Maxim Memorial Station W1AW to also use the call sign W1ØØAW during 2014, the ARRL's centennial year. Contacts made from the Maxim Memorial Station in Newington, from regional Centennial conventions, and during the IARU HF Championship will use W1ØØAW, with portable designators as appropriate. The "W1AW WAS" operations throughout 2014 from each of the 50 states will use W1AW, not W1ØØAW.



Bulletins and code practice transmissions during 2014 also will still use W1AW. Contacts with W1ØØAW will be worth 100 points in the ARRL Centennial QSO Party. To help kick off the ARRL Centennial, special W1ØØAW activity will begin at 0500 UTC on January 1, 2014 (midnight in Newington), and will include participation in ARRL's Straight Key Night; one CW station will use Hiram Percy Maxim's straight key. Activity will continue throughout New Year's Day.

From the ARRL

Happy Birthday PCARS Members

PCARS members having a birthday in January:

KD8DQT	Jeffrey Moore
KD8SOP	Eddie Renfroe
K8MSH	Mark Haverstock
N8RKA	Arthur Barbetta, Jr.
WA8OKR	Bill Hunt
NR8W	Russ Williams
KC8BTN	Ron Corban
KD8TNX	Mark Dennison

N8PXW	Jim Korenz
K8FS	Michael Evans
KD8VCK	Steve Beale
KD8SJA	Tom Gregory
KB8SZI	Peggy Parkinson
KD8SJG	Tom Donelan
NX8G	Rex Simmons
N8GIE	John Ziccardi

Hamfest Calendar

01/26/14 - TUSCO ARC Hamfest - Location: 965 North Wooster Rd., Strasburg, OH. Wesite info: www.tuscoarc.org Talk-in on 146.730-. Opens at 8am. More info: Janice Green KB8YDK - Phone: 740-922-4454 e-mail: k8wfn@tusco.net

02/02/2014 - Northern Ohio Amateur Radio Society - Winter Ham Fest - Location: VFW Post 1079 - 500 South Abbe Road - Elyria, OH 44035 - Website: <http://NOARS.net> - Talk-In: 146.70- (PL 110.9) - Public Contact: Darlene Ohman , KA8VTS - 4122 Bush Avenue Cleveland, OH 44109 - Phone: 216-398-8858 - Email: dohman@roadrunner.com

Cost of QSLing to Go Up - Again

Mailing a letter (with a QSL Card) will cost one cent more, or 47 cents, starting on January 26th.



The Postal Regulatory Commission ruled that the agency can raise the price in keeping with the cost of inflation. Prices could go even higher as the commission is considering a postal service proposal to raise money.

The U.S. Postal Service had asked for a total price hike of another 3 three cents, which would ultimately make first-class mail stamps cost 49 cents.

The price of sending a QSL card (postcard) would remain the same, at 33 cents, although the postal service is seeking to hike rates to 34 cents as part of its broader rate hike request.

PCARS Patches & Stickers



New PCARS logo patches (*iron on*) & stickers (stick on) are now available!! Put the patch on your hat, your shirt, your jacket and show off that PCARS logo!!

The patch is about 3". The embroidery on the white patch is in Red, Black and Blue. Cost for a patch is only \$2.00 each and can be obtained at any PCARS meeting. There are 2 types of stickers available - a 4" x 6" oval and a 3" x 10" bumper sticker. Stickers are \$1 each. Show your pride in PCARS - Wear a patch, use the stickers! See the club Treasurer: George, K3GP or e-mail him at: K3GP@portcars.org



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!



January	
2	WB8LCD
9	K8IV
16	N8RLG
23	KB8UHN
30	KB8UUZ

February	
6	KC8PD
13	WB8LCD
20	KB8UUZ
27	KB8UHN

March	
6	KD8FDK
13	NR8W
20	KB8UUZ
27	N8QE

April	
3	NR8W
10	KB8UUZ
17	N8RLG
24	WB8LCD

The PCARS net is **BIG 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 try, please contact me at: WB8LCD@portcars.org Everyone who is a club member is welcome to have a turn!

Ohio Section News - New Cabinet Appointments

First let me say “**Thank-You**” from the entire Ohio Section to E. Mike McCardel, KC8YLD (ACC), Jack Sovik, KB8WPZ (PIC) and Rick Swain, KK8O (OOC) who have recently retired from their positions in the past several months. They have all done an extremely good job over these past many years. We appreciate all that you have done to advance the Ohio Section and make it the **GREATEST** Section in the country.

And now.. (a drum roll please) it’s my great pleasure to announce the newest Ohio Section Cabinet members.



=====

Sandy Mackey, N8YS from Delaware Ohio has been appointed to be our **Affiliated Clubs Coordinator** (ACC). NO, I didn’t make a typo in her call. She just happens to have the reverse of mine. Sandy is a member and former Vice president of the Delaware Amateur Radio Association (DELARA), an Assistant Emergency Coordinator and Public Information Officer for Delaware County ARES®.



She was the former member and Treasurer/Secretary for the Garden City Amateur Radio Club/GCARC (Garden City, Michigan), former Sunday Night Net Control for GCARC. Currently she is the Public Information Officer/Outreach Coordinator for the Delaware County Office of Homeland Security and Emergency Management.

She’s an active ARRL, W5YI, and Laurel VE and DELARA Field Day Coordinator. And, for those of you who may not have been keeping score this past Field Day, DELARA came in 2nd in the nation this year in their class. Her training is very extensive as well. She is a Skywarn Weather Spotter, CPR/AEP, Smart Triage, ARRL PR-101, Professional Mediation Course, Advanced Mediation Course, WebEOC, FEMA /NIMS courses, 100, 100.PW, 120.a, 200, 230.c, 235.b, 240.a, 241.a, 242.a, 244.b, 271, 300/400, 700, 702.a, 703, 800, 907, 20.13, G-290, G291, Professional Series.

She is an integral part of the inter-workings of an extremely active club <DELARA> that not only give classes to encourage the general public to join the ranks and then holds testing to get them licensed, but donates radios to those newbies to encourage and Elmer them along the way, but one that takes a very active roll with the local government agencies to help in times of need.

Her husband Gary, KE8O and her son Andrew, W8DRE are also licensed and active in Amateur Radio and club activities as well. She was first was first licensed in 1998 and obtained her Extra Class in 2005.

=====

John Ross, KD8IDJ from Columbus was appointed to be the **Public Information Coordinator** (PIC). He's an award winning journalist and public relations practitioner. He's received honors from the Associated Press, United press international and many of the major network news operations.

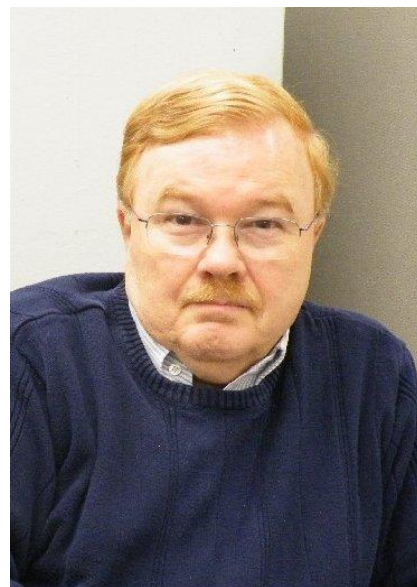
As a journalist he's worked as a radio and television news reporter, on-air talent and anchor and as a guest columnist for many different types of publications. In addition, he has been honored by the Public Relations Society of America (PRSA) and many other organizations for his work across many different public relations activities including crisis management, media relations publications editing.

John has served as the Public Information Officer for The Ohio State University, State of Ohio, and several county and local organizations.

For over 25 years John has been a consultant for Wilson Group Communications, a Columbus, Ohio based crisis management and public relations firm. All of his communications and PR work spans his 20 career with AT&T as a Network Force and Load Manager.

John is also a lifelong musician, He began playing the trumpet at the age of 8 and took lessons from some of the most talented and prestigious instructors in the country. He was a five year member and squad leader of the Ohio State University Marching Band (TBDBITL) and is also an Army trained musician serving with the 113th United States Army Band and the 338th Army Reserve Band. He's played with the Louis Bellson band and with Doc Severinsen.

His interest and passion for Amateur Radio and electronics began when he was 10 years old. With the help of his father he built a "walkie-talkie" and took it to a nearby Amateur Radio operator for the final tune-up. From then on he was hooked and with the help of the neighborhood ham, he was licensed as a Novice. He built much of his own equipment salvaging parts from old televisions. John also went on to obtaining all of the licenses necessary to operate and maintain commercial broadcasting stations.



=====

John Perone, W8RXX from Gelena was appointed to be the **Official Observer Coordinator (OOC)**. John started his career as a low voltage contractor in the professional sound, commercial video, and MATV / CATV business learning the trade. He then got into the manufacturer representative business which allowed him to teach others how to design, sell, and install systems.



It was at this time he also decided to get a pilots license to better serve his territory. His interest in aviation became strong enough to obtain his commercial license.

John is married and his wife Laura, KA8IWB is active on low bands and VHF.

John has been involved with a number of organizations over his years. He is a ARRL VE, Official Observer, past President of the Central Ohio Radio Club (CORC), American Society of Industrial Security (ASIS) and Society of Broadcast Engineers (SBE) just to name a few.

John was first licensed in January, 1967 as (WN8VPZ)

=====

Sandy, John and John will start their new positions, as I will on January 1st. Please help me to welcome them to their new posts.

73,
Scott, N8SY
ARRL Ohio Section Manager



Swap-N-Shop

FOR SALE – Kenwood TS-430 HF rig with FM Board and CW 500 Hz Filter installed. It comes with the Kenwood Microphone. Rig is 100% functional. Some wear on case. E-mail me if you want pictures. **ALSO includes a Kenwood PS-430 Power Supply** and an extra DC Cable. ~~-\$500.00~~
- NEW PRICE - \$400.00 for all !

Contact John, KD8MQ at KD8MQ@portcars.org or call: 330-936-5021 [03/02/14]

FOR SALE – Icom IC-735 with hand microphone also has manual on CD - \$250.00

FOR SALE – Icom IC-PS-55 Power Supply - \$100.00

FOR SALE – MFJ-948 - Deluxe Versa Tuner II with manual - \$50.00

FOR SALE – Swan – 1500Z Linear Amp with manual - Set up for 220 Vac. Can be changed to 110 Vac - \$500.00

FOR SALE – Ceton 572B/T160L Spare Tube for Swan 1500Z amplifier - \$25.00

FOR SALE – Kenwood TM-721A FM Dual Band with hand mic & 2 mobile quick release brackets & manual - \$100

Contact Bob, W8JFQ at W8JFO@portcars.org or call : 336-707-7148 [02/02/14]

FREE TO GOOD HOME: 16' 4" x 4" post with inverted "L" shaped pipe extension and pulley for hoisting your dipole up to approximately 28 feet. Also includes the carriage bolts for attaching pipe to post. Post was never in ground only bolted to fence post.

FOR SALE: 8877 RF Deck for 144 MHz – This is a commercial build of the W6PO design. It was built for the National Weather Service to be used at 1000 Watts FM on a 24/7/365 duty cycle basis. It is capable of 1500 Watts SSB.

This is a complete RF Deck only, no tube or power supply included. \$500.00

FOR SALE: 140' Andrew LDF4-50A 1/2" Helix – Cable is new unused but has a few minor scuffs from storage and transportation \$125.00

FOR SALE: 140' Andrew LDF5-50A 7/8" Helix – Cable is used in good condition, 1 connector installed \$140.00

FOR SALE: 40' Heavy Duty Self-Supporting Tower – 37 inches wide at the base, 18 inches at the top \$150.00

FOR SALE: Used Mirage Amplifier B-3016 – 30 W. in 160 W out, currently making 146 Watts out - \$100.00

FOR SALE: New In Box GE Contactors

GE CL01A400TJ Contactor 4 poles rated 25 A @ 600 V, 120 Volt Coil \$25.00 (2 Available)

GE CL01D310TD Contactor 4 poles rated 25 A @ 600V, 24 Volt Coil \$30.00 (2 Available)

GE CL25A300T Contactor 4 poles rated 32 A @ 600 V, 120 Volt Coil \$35.00 (2 Available)

FOR SALE: 1/4" Plate Glass for desk or table top, Great for radio bench 42" x 68" cost \$152.00 Asking \$40.00

FOR SALE: Random lengths of Andrew 1/2" Super-flex ranging from 10 to 17 feet with either an N-male or DIN-male connector installed \$2.00 each

I also have a small supply of connectors for 1/2" Superflex, 1/2" Helix and 7/8" Helix . Contact me with your needs.

Contact James, KD8VT at KD8VT@portcars.org or call 330-206-4909 [01/02/14]

FOR SALE: Heathkit Model IM-11 VTVM - \$40

FOR SALE: ASTATIC Model D-104 Mic w/ TUG8 Stands (Lollypop) 4 of them - 1 Excellent-\$70, 3 good \$40

FOR SALE: YAESU Model FT-11R 2Mtr FM HT w/Spkr Mic and Charger - \$60

FOR SALE: YAESU Model NC-50 Charger - \$35

FOR SALE: ICOM Model IC-V80 2Mtr FM HT w/ Extra Battery and Charger - \$90

FOR SALE: Nye Viking Model B V A, Antenna Tuner - \$425

FOR SALE: Johnson Viking Kilowatt Matchbox Model 250-30 - \$85

FOR SALE: TRIPLET Model 630 VOM - \$45

FOR SALE: MFJ-J-250 50 ohm oil dummy load - \$40

FOR SALE: MFJ407B Electronic Keyer - \$40

FOR SALE: Heil Model HM10 4-5 Microphone with Stand - \$50

FOR SALE: Standard C1208DA 2 mtr FM Mobile - \$150

FOR SALE: MFJ-1702C, 2 Pos Coax Switch - have 2 of them - \$20 ea

FOR SALE: Radio Shack Model 22-223 VOM - \$10

FOR SALE: Astron Model RS-12 12 Amp Power Supply - \$45

FOR SALE: Bencher BY-2 Paddle - \$75

FOR SALE: ASTATIC Model 10-D w/G Stand - \$50

FOR SALE: Electro Voice Model 664 - \$50

FOR SALE: Electro Voice Model 638 - have 2 of them - \$50 ea

FOR SALE: Shure Microphone and stand - \$20

FOR SALE: HUBBELL Outdoor Light Model PUL-0100S-118 - \$25 -120/208/240/277 volt, uses S54 Bulb

FOR SALE: W1FFL Ladder-LOC - \$10

FOR SALE: Kenwood TL-922 Linear Amplifier - \$1500 [04/02/14]

All equipment is in top shape.

Contact Al, AB8AA at 330-207-3296 or Email ab8aa@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: [01/02/14]. This will help keep the listings current.

EmComm

Recently, PCARS demonstrated one of the great ways that a ham radio club can help support local emergency communications efforts.



Due to both its updates to narrowband VHF gear and the switch to the MARCS radios system, the Portage County Sheriff's Department had a substantial amount of surplus radio gear that it needed to dispose of. There is no ready commercial market for this equipment which might otherwise have been scrapped.

However, since PCARS is a tax exempt organization that can accept the transfer of property from a public entity the PCSO and Portage County Commissioners worked together to arrange the transfer of the equipment to PCARS. The club will then manage and maintain the gear so that it can be used by Communications Unit or ARES® members, or even members of local safety forces as may be necessary.



This was a true collaborative effort and without the willingness of PCARS to accept the equipment it all would have been lost.



It was great to see the folks who came out to the ARES® of Portage County meeting on December 18th. The Portage County Emergency Coordinator, Mike DiCarro, KD8FLZ, is encouraging current ARES® members to become more involved in local operations, whether with special event communications or serving as the net control station for the ARES® training nets. If you are not already a member of ARES®, please consider joining. Your participation is needed and will be appreciated.

A reminder that all registered ARES® of Portage County members will be invited to check in to the OHS/EM Communications Unit nets starting with the January 9th net. This offers ARES® members the opportunity to participate in Comms Unit training so that we will all be better prepared to work together should any disaster or other catastrophe occur in our area.

Watch for announcements on the local 2014 edition of the Introduction to **Emergency Communications** class (**ARRL EC-001**). It will probably be offered on four consecutive Saturdays starting on March 8th at the Center of Hope. As in the past the class will be free although there is a \$15.00 fee to take the exam.

In addition, sometime in mid-March ARES® of Portage County will be offering its **Basic Skills for Public Service Communications** class. It will be available to all area hams and is a great introduction to special event communications.

We look forward to working with all of our local amateur radio volunteers in providing communications for the many local events scheduled for 2014.

Happy New Year to all!

73,

Jim, KC8PD/AAR5AI

Radio Officer, Portage County OHS/EM Communications Unit/RACES
DEC, ARES® District Five



The ARRL Centennial QSO Party Starts January 1, 2014!

As part of the mix of events marking the League's 100th anniversary, the ARRL Centennial QSO Party (<http://www.arrl.org/centennial-qso-party>) gets underway January 1. This is a year-long operating event, in which participants can accumulate points and win awards, as well as work new stations and make new friends. During 2014 W1AW will be on the air at least twice from every US state and from most US territories, and it will be easy to work all states solely by contacting W1AW portable operations. This will be the first ARRL-sponsored operating event for which every member is worth at least one point. The event is open to all, although only ARRL members and appointees, elected officials, HQ staff and W1AW are worth points. Working ARRL's president, for example, earns 300 points!

To qualify for points all contacts must be two-way (no cross-band or cross-mode contacts), using CW, phone (FM, SSB, AM, digital voice), digital (any digital mode, such as PSK31, RTTY) on 160, 80, 40, 30, 17, 15, 12, 10, 6, 2 and 1.25 meters, plus 70 centimeters and satellite. Stations exchange ([http://www.arrl.org/centennial-qso-party#QSO Information Exchange](http://www.arrl.org/centennial-qso-party#QSO_Information_Exchange)) signal report and ARRL abbreviation. Contacts do not have to be contest-style, and providing ARRL organizational information is not required. A centennial database will assign point values to all logs submitted electronically. Those not submitting electronically, however, will need to obtain the QSO information during the contact. Since this is not a contest, participants may make contacts in any fashion they prefer.

The Centennial QSO Party is scored by totaling the values of all eligible contacts. There are no multipliers or bonus points. Logs submitted via Logbook of the World (LoTW) will be scored automatically.

Awards

Worked all States with W1AW: Work W1AW operating portable from all 50 states. Working W1AW or W100AW in Connecticut does not count for Connecticut, however. Participants can earn W1AW Connecticut credit only for working W1AW/1 in Connecticut. A W1AW WAS certificate and plaque will be available for a fee. For an extra challenge, work all 100 W1AW portable operations - essentially a double WAS with W1AW!

Endorse the W1AW WAS Certificate with the Territorial Stickers for working W1AW/KH2, W1AW/KP4, W1AW/KP2, and any others that may be active, and also endorse with W1AW/3 from the District of Columbia (stickers are \$1 each).

Centennial Points Challenge

To compete in the Centennial Points Challenge, submit logs via Logbook of the World (LoTW). The system will automatically look for points-qualifying contacts from submitted logs and apply them to each participant's Centennial QSO Points table. QSOs do not have to be matched in LoTW for points to be achieved - this is an honor-based event. No paper forms or information will be accepted for the Centennial Points Challenge, however. Some points worth noting: Club call signs do not count for points. Repeater contacts are not valid for credit. Mobile and portable operations are okay but do not count for points in addition to home operation - ie, a contact with K0GW counts for K0GW, whether it is made with K0GW/4, K0GW/m, or PJ4/K0GW. Stations outside of the US may also count for points. More than 10,000 ARRL members live outside the US, and some of these are also volunteer examiners or DXCC card checkers. ARRL appointees, staffers, and officers should



choose for their contact exchange the appointment or office held that offers the highest point value (this is how the database will work also). For example, KI9XX is an ARRL Life Member (a LM is worth 2 points), a Volunteer Examiner (VE is worth 5 points) and a State Government Liaison (SGL is worth 30 points), so KI9XX should use "SGL," since that offers the highest point value. In any event, the database will give credit for the proper point value.

The top-scoring operator from each ARRL Section, Canadian Province and DXCC entity will receive a First Place certificate. The Top Five overall point scorers will receive awards. There is a charge for award certificates.

For full information, visit the ARRL Centennial QSO Party webpage. Contact us (100QSOParty@arrrl.org) if you have questions.

From the ARRL

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/>.



Christmas Delivery Delays

If anyone didn't get their gifts on time for Christmas, I think we found out why.

It was not that UPS or FedEx was overloaded. This picture was snapped showing what appears to be the actual reason that Santa was late in getting all that amateur radio gear delivered on time.

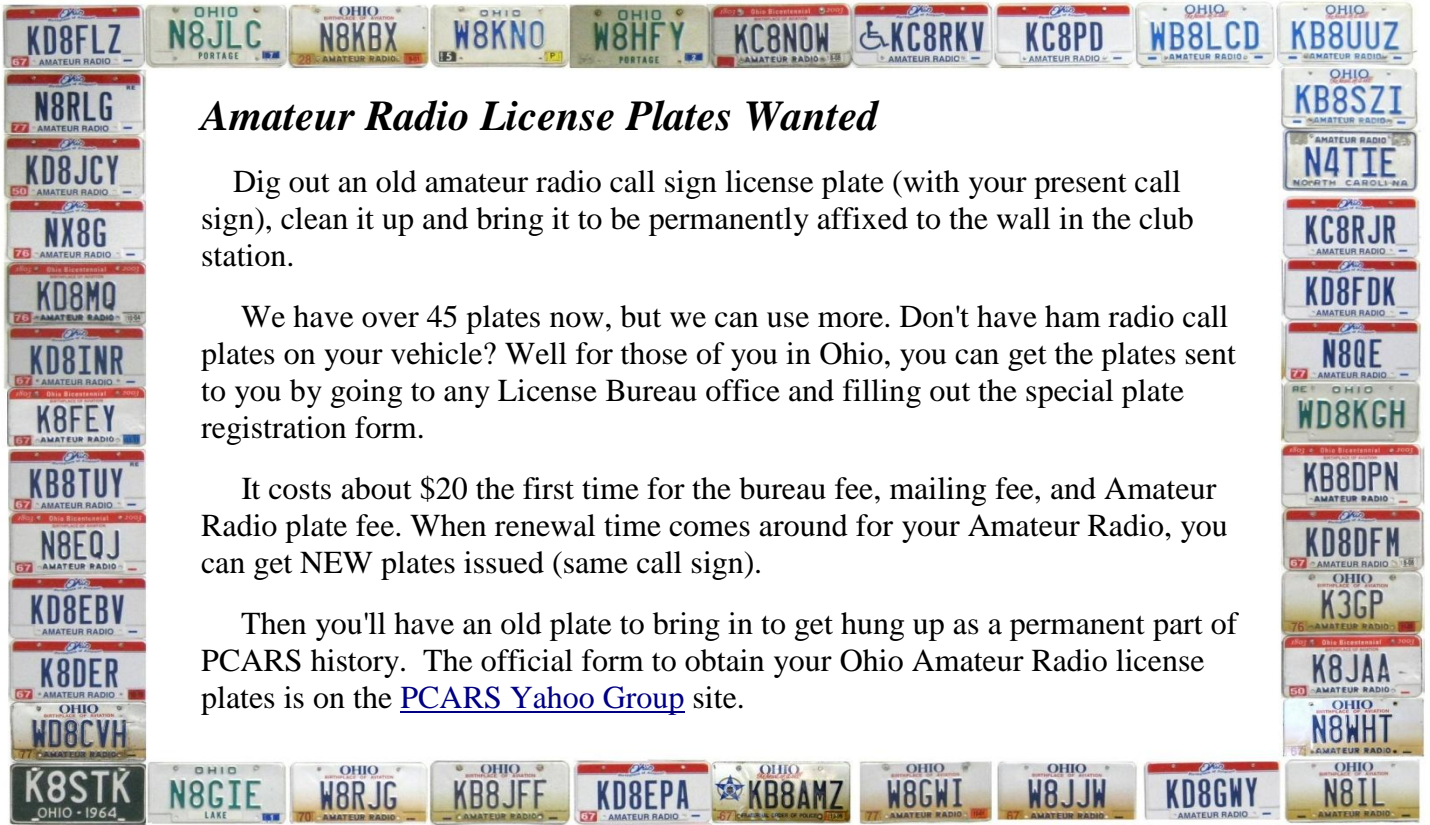
We also found out that the high SWR is what makes Rudolph's nose light up. I guess he had an overload.



Daryl, WX1DER

Photo courtesy of Rick, KA2BSM





Amateur Radio License Plates Wanted

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

We have over 45 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 to obtain your Ohio Amateur Radio license plates is on the [PCARS Yahoo Group](#) site.

PCARS Meetings

The Portage County Amateur Radio Service (PCARS) meetings are held the **2nd Monday** of each month.

Meetings are at:

Stringz & Wingz
1543 State Route 303
Streetsboro, OH 44241
www.stringzwingz.com



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



What Makes PCARS What It Is

Over many years in my life I've been a member of a number of different organizations ranging from The American Legion, a local gun club, an Army fraternal organization and others. I've been privileged to be a member of the Portage County Amateur Radio Service for a bit over five years now and I can say without hesitation that PCARS is the most vibrant organization I have belonged to. I believe there are a number of reasons for that I'd like to talk about for a moment.

One of the things that differentiate PCARS from most other clubs is the club's mission to accommodate the interests of as many facets of amateur radio as possible. A look at what the club does every year, from special interest groups, sponsored contests and special events, emergency communications and club nets, to the many and varied presentations at every monthly meeting demonstrates the wide diversity of PCARS and its members.

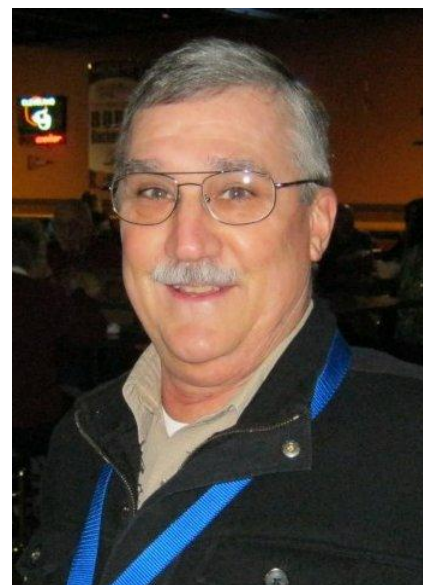
Another aspect of PCARS that sets it apart from other clubs both in and out of amateur radio is the number of members on the active roster that participate in different club events and functions. The norm for members participating in any club once or more during a year is in the neighborhood of twenty percent and PCARS far exceeds that.

The willingness of PCARS members to take on leadership roles is the engine for making things happen. Leadership roles not only include our club officers and trustees, they also include moderators of special interest groups, NCS for club nets, presenters, event chairpersons and others. PCARS is fortunate to have many of its members volunteer to serve in these leadership functions to ensure that it remains a healthy and active club.

With the start of another year I think that it's a good thing for all of us in PCARS to take a look at where we've been and where we're going. Not just as a club but each of us as members. Some things to think about might be do I attend monthly club meetings, if not why not? Do I participate in club events, if not why not? Have I volunteered to lead some club event? Have I volunteered to be a NCS? Is PCARS meeting my expectations of what the club should be doing to make me a satisfied member?

No club or organization will stay vibrant and growing if the club isn't serving the needs of its members or if its members aren't contributing to the club. If PCARS is remiss in doing things that would make you a more active member, our club leadership needs to hear that! Take a moment to jot a note to them, or take an evening to attend the club's monthly officer's meetings and express your suggestions and concerns. Also, make plans to become more involved with our club and its activities.

It has been a real pleasure to be a member of PCARS and more important, to be associated with all of you as members of this club. I hope all of us will take some time when and where we have it to continue making PCARS the best club in Ohio. My best wishes to all of you and your families for this holiday season and remember to have **K8BF Big Fun!**



73,
Rick, K8CAV

Introduction to Emergency Communications Class – 2014

The Communications Unit/RACES of the Portage County Office of Homeland Security and Emergency Management (EMA) is sponsoring a local, classroom based version of the ARRL's Introduction to Emergency Communications course. This was previously known as the Level I course and it has traditionally only been available on-line through the ARRL.

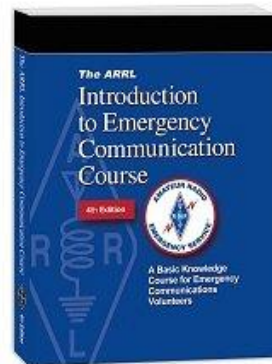
This local course will be taught by Jim Aylward, KC8PD, who is a registered Field Instructor and Field Examiner for the ARRL. That means that this class will qualify you to take the written exam at the end of the course in order to obtain your ARRL certificate of completion.



The class will meet on four Saturdays in March and April starting on March 8th. There will be no class on March 15th, both to provide a break for the students and to enable class participants to attend the Ohio Section ARES® Leadership meeting. The class will then resume on March 22nd, March 29th, with the last class on April 4th. The class will be held at the Center of Hope, 1034 West Main Street, Ravenna, and will begin at 9:00 a.m. and run to around 3:00 p.m., with a break for lunch, on each day. Attendance at the classes is mandatory. Excuses from a class session will only be granted for extraordinary reasons and anyone who misses more than one class will not be permitted to take the exam.

Anyone wishing to take the class must register prior to the class so that we can ensure that sufficient seating is available. The number of students may be limited. If you wish to attend you must pre-register by sending a note to KC8PD at aylwardjim@aol.com. Contact him if you have any questions about the class.

There is great deal of material to cover for this class and all students should purchase the course manual from the ARRL, <http://www.arrl.org/shop/The-ARRL-Introduction-to-Emergency-Communication-Course/>. The book is item #7303 and costs \$24.95.



There will be no charge for the class and you do not have to be an ARRL or ARES® member to participate. There is a \$15.00 fee, payable to the ARRL, to take the final exam.

This is a great opportunity to be able to obtain the certification without the expense of the tuition for the on-line course. However, everyone must be prepared to be involved and to participate in order to obtain the maximum benefit from the material.



PCARS Members Visit Ham Nation - Live from DX Engineering

PCARS members visited DX Engineering to watch a live Ham Nation segment (#127) being broadcast on December 11th from DX Engineering in Tallmadge. Those that attended got to meet Bob Heil, K9EID of Heil Microphones, Tim Duffy, K3LR of DX Engineering and the owner of DX Engineering Paul Sergi NO8D.

It was really interesting to see what goes on behind the scenes and to watch the Skype feed as well as watch the Ham Nation program as it was broadcast over the internet. There is a lot of work that goes into getting the Ham Nation program on the air.



John KB8UHN & Bob K9EID

John, KB8UHN even had Bob Heil autograph a Heil Microphone he got for his XYL Coletta W8CDL. PCARS Members present that evening were WB8LCD, KC8PD, WB8VNO, WD8CLH, N8OQQ, KB8UHN, K8IV and KB8UUZ.



Dave NF8R checks the live feed



Tim, K3LR & Bob K9EIR on the air



Ed K8IV, Jim KC8PD, Brian N8OQQ,
Gay WB8VNO & Ted WD8CVH



Tim K3LR, Tom WB8LCD, Ed K8IV
talking with DX Engineering owner, Paul NO8D



Gay WB8VNO, Ted WD8CVH & Bob K9EID

Bob Heil Drops in on Gay and Ted

First, you need to know couple of very little-known facts:

- Heil Sound founder Bob Heil K9EID started his professional career playing the pipe organ. Not one of those consumer grade jobs found in living rooms, mind you, but the type of organ found in huge churches, with many rows of pipes, plus bells, whistles, drums, marimbas, and possibly the kitchen sink.
- Ted WD8CVH and his wife Gay WB8VNO actually have such an instrument... built into their house. It's a full blown theatre organ: Pipes, bells, whistles, drums, the whole nine yards. The console is in one room; the pipes are in a separate room.



Ted WD8CVH, Gay WB8VNO and Bob K9EID

So when Bob Heil came to town on December 12, it only made sense that he should take time from his busy schedule and swing by Stow to see their Mighty Wurlitzer organ and play a song or two. After wrapping up his Ham Nation show at DX Engineering the night before, Bob visited with the Wands for almost two hours. And yes, he did play on the organ.

Bob explained that as a young teenager, he had taken organ lessons for two years before getting his first paying job performing in a local restaurant. It was there that a patron approached him one night with a business card, urging 15-year old Bob to contact a man whose name was written on the back of the card. Bob showed the card to his mother; mom phoned the man, who didn't understand how his name came up, as he did not give music lessons. He did, however, extend an invitation for Bob to come down to the Fox Theatre in St. Louis and check out his impressive theatre pipe organ, which was played between movie showings. One thing led to another, and before long Bob Heil was his protégé, and playing before large audiences at the Fox.

Gay also played the organ at a tender age, although not professionally. Some year ago she and Ted learned that a theatre organ was up for sale, and they brought it to their house. The console is in their living room, and the pipes and related bells and whistles occupy an adjacent room. The organ is a work in progress with additional stacks of pipes and related noise-makers still to be hooked up.



Name Plate on the organ

The meeting almost didn't come off. Ted discovered that mice had chewed a whole in the leather bellows that regulates the air flow in the pipes. He notified Bob Heil that the organ was doing poorly and it might take a while to get it back in shape.

Bob was not worried, and advised Ted to fix the organ with duct tape. The fix worked, and the organ was ready for Bob's visit.



Bob at home on the Wurlitzer

It turns out that Northeast Ohio has an unusual number of pipe organs scattered throughout the area, including the Cleveland Masonic Hall and Akron Civic Theatre. You can expect to hear more live organ music from Bob in the future.

Bill, WB9LBI

We Need Your Help

I've said it before: PCARS is an organization where everyone is critical to the success of the club. When PCARS was first started, we said that it was important that everyone who ever comes to any of our events or meetings needs to feel like they are a welcome part of what is going on. I believe that that has been one of the hallmarks that set PCARS apart from others. But, this is not just a task for the president, or the officers, this is the responsibility of every PCARS member. Unfortunately, as time goes on, we sometimes forget what it was that made us successful in the beginning and fall into bad habits.

We come to the meeting and look around. There's a guy who didn't seem pleasant to me once, I'm going to

avoid him. That group didn't embrace my good idea and make it a part of the operation, forget them. Here's a table with a few of my friends, I'll just sit there and enjoy their company. Pretty soon, we can end up with a lot of little cliques and a club that is fragmented. My hope is that this will never happen at PCARS. **PLEASE** – make a conscious effort to be a friend to all of our members. Greet them and welcome them to any of our events. We're all just human, give us a break!



Does this really happen? Can hams, especially those who are recently licensed, be turned off to the hobby or a club because of the way they are treated? You bet, and as an example here is an excerpt from an email I recently received:

"I am a new ham currently have my tech ticket and am about ready to take my general exam. I want to continue on and get my extra! I have heard from several hams that your classes are excellent. I am interested! When is your next class? I am interested in checking your club out. I currently live in [county] and am a member of a club here but am not sure I like it because not many people have talked to me and most have not even introduced themselves. I had a question about a radio I was looking to purchase, I called the president and he never returned my call. Maybe I'm expecting too much. I want to be active in ARES, which I am a member and loved the convention in Columbus! I'm also wanting to learn more about the DIY end of amateur radio, everything from building components and antennas to cracking a case and repairing a radio."

Making people feel welcome and comfortable with us not only attracts new members, but will help us retain our existing members. And all it takes is being nice! On the flipside, just one negative comment, or email can chase a potentially valuable member away. We all lose when that happens. I hope everyone who participates in a PCARS event in 2014 feels like they have just spent their time with a family of friends!

73,

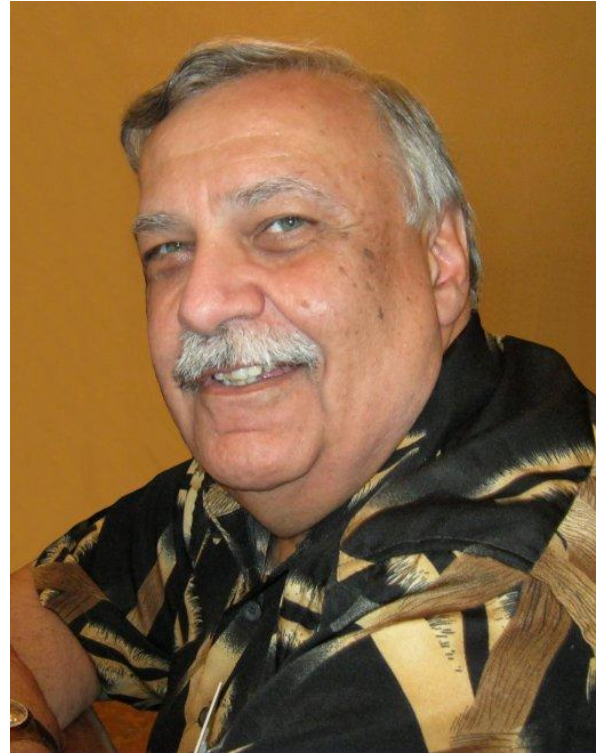
Tom, WB8LCD

Charlie the Tuner's HF High-Lites

It's Christmas Eve and Jeanne, my XYL, and I have had a quiet evening anticipating the family descending on our QTH tomorrow to celebrate Christmas with the opening of gifts and a nice dinner afterward. There are a few inches of snow on the ground that guarantees a white Christmas and boy is it cold out there.

When you read this it will be either 2014 or very close to it depending on when the Radiogram is issued. 2013 was an interesting year for DX with many rare DX entities being activated for our enjoyment. I didn't get to work them all and I know I missed some very important ones that will not be activated again for some time. I have to keep reminding myself that once Cycle 24 is passed, it will be much harder to get some of these DX offerings. So let me remind you DXers also. Take advantage of the sunspot cycle and work as many of the rare DX stations as you can because there will be a time coming when you will not be so lucky to have the propagation we are enjoying now. Ok, I will get off the soapbox now but when you are a preacher, standing in a pulpit comes rather naturally. Why do you think I like to ragchew so much?

I want to thank the following for the forecast reports for this month and beyond. Without them and their timely information, it would be much harder to know what is happening on the bands. So a BIG thank-you to 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.



Chuck, W8PT

And as always, 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).

1A, SOVEREIGN MILITARY ORDER OF MALTA (Update). An "international team" of operators led by Francesco, IK0FVC, will be active as 1A0KM from the Sovereign Military Order of Malta (SMOM) between January 2-7th (2014). At present time, operators will be Francesco/IK0FVC, Luciano/I0JBL, Sergio/IK0FTA, Roberto/IK0PRG, Michele/IW0BYL, Gianfranco/I0ZY, Antonio/I0GOJ, Fabrizio/I0HCJ, Marco/IK0DWN, Giordano/IK0XFD, Gianluca/IK5HHA, Cristiano/IZ0IEN, Andrea/IZ0NRG, Rudi/DK7PE, Franz/DJ9ZB, Seppo/OH1VR, Robert/S53R and Sandro/VE7NY. QSL via Sergio, IK0FTA, and also LoTW. 1A0KM operation supports the DX-Code of conduct. Online log facility will be also available. Look for more details to be forthcoming. Also, a Web page is now up and running, but with limited info at: <http://www.1a0km.org>

3B9, RODRIGUES ISLAND. Eric, OE4AAC, will once again be active as 3B9/OE4AAC from Rodrigues Island (AF-017) between February 10-18th. Activity will be holiday style on 40-10 meters CW. QSL via OE4AAC.

4S, SIR LANKA. Peter, DC0KK, will once again be active as 4S7KKG from Moragalla, Sri Lanka (AS-003, WLOTA 0762), between November 17th and April 15th, 2014. Activity will be mainly on CW and the Digital modes. QSL via DC0KK, by the Bureau (preferred) or direct (see QRZ.com). LoTW on request. All QSLs for all QSOs will be sent via the QSL Bureau.

7P, LESOTHO. Ewald, DK3ID/OE8IDK, will be active as 7P8ID from Lesotho between February 11-16th. Activity will be on 40-6 meters SSB using 100 watts. QSL via DK3ID or OE8IDK direct.

8Q, MALDIVES. Kasimir, DL2SBY, will be active as 8Q7KB from two of Maldives' islands in 2014. Activity will be on 20-10 meters including 17/12 meters and possibly 30 meters using CW and SSB. His schedule is as follows:

February 12-18th - Ziyaaraifushi Island (AS-013) February 18-24th - Fihahohi Island (AS-013)

His equipment will be a FT900AT with an ACOM 1010 amp (600w) into a triple-leg antenna for 20-10m. He will upload the log onto ClubLog. The QSL cards will be printed as soon as possible. QSL via DL2SBY, by the Bureau, direct and as well as through PayPal requests.

AFRICAN TOUR (Update/Reminder). Operators Mathias/DJ2HD and Ulmar/DK1CE, will once again be active as V5/DJ2HD and V5/DK1CE from Namibia between now and January 18th (2014). This is just one part of their 4x4 trip through different African countries. Activity will be holiday style on CW, SSB and RTTY, but will also include a SSB entry in the DARC 10m Contest (January 14th). During this time frame, Mathias and Ulmar will also travel to and be active as 7P8DJ and 7P8CE, respectively, from Lesotho between December 22-24th. Their plans also include to be active from South Africa (as ZS/DJ2HD and ZS/DK1CE). Mathias/DJ2HD and Ulmar/DK1CE will be joined by Wolfgang DH3WO and will be active from Botswana between December 24-30th, signing A25DJ, A25CE and A25WO, respectively. QSL all callsigns via their home callsigns, direct or by the Bureau.

CARIBBEAN TOUR. Operators Mek/SP7VC, Ted/SP3IPB and YL Kate/SQ7OYL plan to activate a few islands in the Caribbean between January 11-30th. The tentative schedule and callsigns are as follows:

January 11-12th - Martinique; callsigns are FM/SP7VC, FM/SP3IPB and FM/SQ7OYL.

January 13-14th - St. Lucia (J6); No activity planned.

January 15-16th - Dominica; callsigns J79VC and J79PB.

January 17-18th - Guadeloupe; callsigns FG/SP7VC, FG/SP3IPB and FG/SQ7OYL.

January 18-22nd - Montserrat; callsigns VP2MPG and VP2MTK.

January 21st - Antigua; callsigns V26/SP7VC and V26/SP3IPB

No details on what bands and modes they will use. QSL via their home callsigns. Watch for updates on Mek's Blog page at: <http://www.sp7vc.dxing.pl/>

E5, SOUTH COOK ISLANDS. David, BA4DW, is expected to be active as E51CDW during a holiday style operation from Rarotonga Island (OC-013) between January 21-27th (2014). He informs OPDX that his activity will be on the major HF bands using CW and SSB. QSL via BA4DW.

FK/TX5, NEW CALEDONIA. Freddy, F5IRO, will once again be active as FK/F5IRO from Plum, New Caledonia (OC-032, DIFO FK-001, WLOTA 1280, DDFM 988), starting sometime at the end of October until February 2014. Activity will be on 80-10 meters using mostly CW and some PSK, with a Elecraft K3 and dipoles and long wire antennas. Freddy will team up with Michel, FK8IK, in Noumea using the special call sign TX5W for the CQWW DX CW Contest (November 23-24th). Sometime after the contest, Freddy and Michel are looking into possibly activating some FK IOTAs. Look for details to be posted on QRZ.com and Freddy's Blog page at: <http://j28ro.blogspot.com> QSL both FK/F5IRO and TX5W via F5IRO, direct or by the Bureau. Logs will be uploaded to ClubLog and LoTW sometime in March 2014.

FT5Z, AMSTERDAM ISLAND (Press Release: Dec. 21, 2013): "Amsterdam Island DXpedition - All the equipment for the Amsterdam Island DXpedition team shipped to New Zealand is now aboard the MV Braveheart. All our documentation – sanitation inspections, hull inspections, de-ratting certification, and bio-security clearance – has been completed. The vessel will be fueled for its voyage to Australia on December 23rd. On December 24th, fresh produce for the initial voyage will be taken aboard. The crew will celebrate Christmas Day at home with their families and then on December 26th, at 1400 local time, during high slack water, the vessel will sail for Fremantle, Australia. The Braveheart will sail around the north cape of New Zealand's north island, across the Tasman Sea, across the Great Australian Bight, and up the west coast of Australia to the port of Fremantle. Additional provisions will be taken aboard in Australia and the vessel will be re-fueled for the voyage to Amsterdam Island and back. FT5ZM team members will begin arriving in Fremantle on January 9th. There will be team meetings, toasts, and shopping trips. Our good VK6 friends have acquired some additional supplies for us and we will take these aboard. The team will board the Braveheart on January 14th, configure our maritime mobile station, and sail for Amsterdam Island on January 15th.

FW, WALLIS AND FUTUNA ISLANDS. Jean-Jacques, TK5JJ, will leave Corsica for 2 years and travel to Wallis Island where he will be active as FW5JJ. He hopes to be active very soon after his arrival with an Icom 756PRO and G5RV antenna. The rest of his equipment will arrive later. He will be active on SSB, CW and the Digital modes on all HF bands, 6m and 2m EME. QSL via F5RXL.

H40, TEMOTU PROVINCE (Update). Sigi, DK9FN, will once again return to the Temotu Province for a fifth time and be active as H40FN, but this time from Lata, Nendo Island (OC-100) between December 21st and January 10th (2014). QSL via DK9FN (not HA8DD) effective from July 1st, direct or by the Bureau. More details will be forthcoming.

JY, JORDAN. Jovica, E78A (ex-6W1SJ, 9K2/T94FC, ST0RM, ST2A, T94FC, T98A, TT8JT) is now active as JY9FC from Amman. Jovica has been working in Amman for the UNHCR (United Nations High Commissioner for Refugees) for almost two years but just received his license. Most likely he will stay there for another three years. As during his previous activities, activity will be during his free time mostly on CW with some SSB and Digital operations. QSL via E73Y: Boris Knezovic, P.O. Box 59, 71000 - Sarajevo, Bosnia and Herzegovina, or via E7 bureau. Clublog OQRS will be activated after first logs are received from Jovica.

OD, LEBANON. Sylvain, F5TLN, who has been active as OD5/F5TLN since September, will be there until April 2014. Activity has been mainly on 15 meters SSB. QSL via his home callsign direct only. Visit his Web page at: <http://f5tln.voila.net>

N4, UNITED STATES (Light House Op!). Members of the Sun Country Amateur Radio Society will activate Mount Dora Lighthouse (USA-1407) as N4N to celebrate the 140th anniversary of the 1st Settlers to Mount Dora, Florida, between 1500z, February 15th (2014) and 0200z, February 16th (2014). Operations will be on CW, SSB and PSK31, and on 40/20/15/10 meters. They believe this to be the first activation of this actual working lighthouse. Built in 1988, only 35 ft. tall, the lighthouse is a fully functional navigating light for the Port of Mount Dora, on Lake Dora. It is the only inland freshwater lighthouse in Florida. QSL via N4N or KA4WJR (see QRZ.com for instructions). QSL via eQSL or direct ONLY (w/SASE and a BUSINESS SIZE #10 envelope). For more details, see: <http://146970.com/lighthouse>

S9, SAO TOME AND PRINCIPE. Operators Giovanni/IK5BCM, Giuseppe/IK5CBE and Giovanni/IK5CRH will be active as S9TF from Principe Island (AF-044) between February 1-13th (2014). Activity will be on 80-10 meters using CW, SSB and RTTY. QSL via IK5CRH.

SV/A, MT. ATHOS. "The Daily DX" reported that Monk Apollo, SV2ASP/A, the only active station from Mount Athos, has lost all of his antennas during a big windstorm last week. Apollo does not know when he will have the time to get something back up in the air. The SteppIR crashed into the garden. SV2ASP is currently in Corinth, Greece, for the olive harvest.

V4, ST. KITTS (Update). Tony, N3ME, reports on QRZ.com: "Originally licensed as V47AJ in 1999 and pleased to be returning to St. Kitts (NA-104) again on January 21, 2014, for a one month vacation and holiday style operation. Our son, Bernie (W3UR) and his wife, Becky, our daughter, Kristina, and her husband Dan will be with us for part of our vacation. We will use my Elecraft K3 on 160 through 10 meters via CW, RTTY and SSB with heavy emphasis on RTTY, and I plan to operate in the CQ WPX RTTY Contest in February. QSL via Bureau, direct (please include return envelope & postage), or LOTW. Please be patient, if QSLing direct as QSL will be ordered upon return as we will take pictures for the card while in St. Kitts."

VQ9, CHAGOS. Jim, ND9M, is once again active as VQ9JC from Diego Garcia. The length of his stay is not known. Activity has been on 30/20/17 meters using mostly CW, with some SSB and RTTY. QSL via ND9M.

XT, BURKINA FASO. Harald, DF2WO, will be active as XT2AW from Ouagadougou between the last week of January and the end February 2014. Activity will be holiday style on CW and SSB. QSL via M0OXO.

XU7, CAMBODIA. Alex, M6CFW, will once again be active as XU7AEU from Phnom Penh between January 9-14th. He states, "I'll be taking some antennas for different bands and will try for some phone contacts as well as my normal PSK working - sorry I still haven't learnt CW to a good enough standard. This time I'll be taking a Yaesu FT-897D with me as my trusty Icom probably won't survive another flight (thanks Emirates). I'll try to operate for several hours each evening

(UTC+7), and maybe a few hours to suit North & South America." If like last time, Alex will post his log to eQSL immediately, Clublog at the end of the trip and LoTW. QSL cards are available direct via his home callsign of M6CFW in England, along with a self addressed envelope and 2 euro or 2 USDs or a valid IRC. If you are in the UK you can just send an SASE. CARDS WILL NOT BE SENT VIA THE BUREAU.

YJ, VANUATA. Operators Bill/N7OU and Rocky/NE7D will be active from Port Vila, Vanuatu, between February 11-25th (2014). Callsigns to be announced. Activity will be on 160-10 meters using CW. They will be using verticals on a north-facing shore and 500w amps. They will also be a Multi-Single entry in the ARRL International DX CW Contest (February 15-16th). QSL via their home callsigns. Logs will be uploaded to LoTW as soon as they return to the USA.

ZL7, CHATHAM ISLAND. Franz, OE2SNL, will be active as ZL7/OE2SNL from Chatham Island (OC-038) between March 13-26th (2014). Activity will be on 80-10 meters, using CW and with a focus on RTTY. QSL via OE2SNL. For more QSL details, see <www.zl7.oe2snl.at> and/or <www.oe2snl.at>.

IOTA NEWS.....

AF-032. (Update) A group of Italian operators will be active as 5I0DX and 5H3AN from an Italian village on the beach of Kiwengwea on **Zanzibar Island** (WWF 5HFF-003) between February 1-10th (2014). Activity will be on all HF bands, including the 30/17/12 meter bands, using SSB, PSK and RTTY. Operators mentioned are Fred/ IK7JWX, Leopoldo/I8LWL, Stefano/IK6JRI, Ciclane/IZ6JOD (YL), Ampelio/IS0AGY, Vincenzo/IZ8LFI and Elvira/IV3FSG (YL). More details and a Web page will be announced. It was announced earlier that this DXpedition will also be a humanitarian operation with donations of medicines to the "Italy Day Hospital". QSL via IK7JWX, direct, by the Bureau or LoTW. They are looking for sponsors for donations to Radio Club of Tanzania and Italy Day Hospital of Zanzibar : 1/2 Poste Pay Card (Visa Electron) nr. 4023600649350826 to Alfredo De Nisi - Vico della Cavallerizza, 4/D-73100 LECCE.

AS-015. Richard, PA0RRS, will once again be active as 9M2MRS from **Penang Island** between December 31st and February 3rd (2014). Activity will be on 40-10 meters using CW, RTTY and PSK. He states that he will do special requests on SSB (but not preferred). His equipment is a Yaesu FT450d (100w) with a YT450 antenna tuner into a G5RV junior (40-10 meter) antenna which he will put up on the balcony of his hotel [with a lot of bents, but it had worked 'OK' last year]. QSL via his home callsign, by the Bureau, the OQRS on ClubLog (preferred) or direct to: Rich Smeets, C. Gerlingsstraat 60, 5121 ZR Rijen, The Netherlands (due to new postal rates there is a need for return postage of 2.00 USDs or 1 NEW IRC -- in all cases via Clublog (OQRS) is much cheaper!). Log will also be uploaded to LoTW later.

J3, GRENADA. Ulf, DL5AXX, will once again be active as J38XX between February 6-18th, 2014. Activity will be focused on the lower bands, but also in the ARRL International DX CW Contest (February 15-16th) as a Single-Op/All-Band entry. QSL via his home callsign. Online-QSL-Requests can be obtained at: <http://www.dl5axx.de/dxlog>

VP8, FALKLAND ISLANDS. Andy, M0HLT, is expected to be active as VP8DOH possibly for 2 years. He is now based on the Falklands as an electrician. Activity will be limited between his work commitments. Operations will be SSB only and mainly on the higher HF bands, preferring 10 meters when conditions allow but will try 20 meters and above. QSL via eQSL only or LoTW.

Well, there you have it for the next few months. There are some very good opportunities to work some great DX. And let's hope that Monk Apollo gets back on the air before too long.

73 and GUD DX!!

Chuck, W8PT
aka 'Charlie the Tuner'





Stainless Steel Hardware - Thread Galling

Occasionally a DX Engineering customer will call with a problem about the stainless steel hardware sent with our products. Usually the complaint is the hardware “seized” or “froze up”. When that happens, the only thing that can usually be done is to cut the clamp or bolt apart to get it loose. So why do we use the hardware that freezes up?

There is nothing wrong with the hardware. What is wrong is how users unknowingly mistreat it.

The hardware we use is top quality stainless steel. We use stainless steel for a few reasons: it’s tough, it lasts a long time and it won’t corrode over time. If the hardware was common steel, it would corrode which can make disassembly nearly impossible.



So why does stainless steel hardware freeze up? The problem is called “Thread Galling”. Thread galling is common with fasteners made of stainless steel, aluminum, titanium, and other alloys which self-generate an oxide surface film for corrosion protection. During tightening, as pressure builds between the contacting and sliding thread surfaces, protective oxides are broken, possibly wiped off, and interface metal high points shear or lock together. This cumulative clogging-shearing-locking action causes increasing adhesion. In the extreme, galling leads to seizing - the actual freezing together of the threads. If tightening is continued, the fastener can be twisted off or its threads ripped out.

Sometimes this is referred to as “cold welding”. Anyone who has had or seen a bolt and nut with this problem can understand this description. It’s not cheap hardware; it’s the lack of common preventative measures that should be taken when using stainless steel hardware.. So, what can we do to eliminate the possibility of galling?



Lubricating the threads frequently eliminates thread galling. The suggested lubricants for our stainless steel hardware are Anti-Seize or Never-Seez[®] products available from DX Engineering.

Using a thread lubricant on new stainless steel hardware is a must. We have seen a stainless steel V-bolt seize up even when putting the hardware on by hand! Just spinning on the nut produced enough heat between the threads to cause them to freeze up!

Using a good Anti-Seize or Never-Seez[®] on all stainless steel hardware is a must. A small amount of this lubricant on the threads will do the job and you will not have to ‘break your knuckles’ getting frozen hardware removed.

DX Engineering Links to:

[Anti-Seize, 8oz Brush Top Can - UMI-80078](#) [Anti-Seize, 1 oz. Squeeze Tube - UMI-81343](#)
[Anti-Seize, 8.5 oz. Aerosol Can - UMI-81464](#) [Never-Seez[®], 8 oz. Brush Top - DXE-NSBT8](#)
[Never-Seez[®], 8 oz. Brush Top, Mariner's Choice - DXE-NMCBT8](#)

From DX Engineering



Kids Day is January 5!

The next Kids Day (<http://www.arrl.org/kids-day>), sponsored by the ARRL and The Boring (Oregon) Amateur Radio Club, will be Sunday, January 5, from 1800 to 2400 UTC. This is an excellent opportunity to showcase Amateur Radio and Amateur Radio satellites to youngsters and let them get some hands-on experience.

Share the excitement with your own children or grandkids or youngsters in the neighborhood! For the youngsters, their positive ham radio experience may foster an interest in getting licensed one day. For veteran radio amateurs, it's a chance to share their love of Amateur Radio and their stations with the next generation.

To attract attention call "CQ Kids Day." The suggested exchange is name, age, location, and favorite color. There is no limit on operating time, and stations may work each other more than once if the operator has changed.

The suggested HF frequencies are 28.350 to 28.400 MHz, 24.960 to 24.980 MHz, 21.360 to 21.400 MHz, 18.140 to 18.145 MHz, 14.270 to 14.300 MHz, 7.270 to 7.290 MHz, and 3.740 to 3.940 MHz.

Repeater contacts (with permission of the repeater's sponsor) are okay too, and satellite contacts may provide a real thrill. Be sure to observe third-party traffic restrictions when making DX contacts.

All participants are encouraged to post stories and photos to the Kids Day Soapbox page and are eligible to receive a colorful certificate.

You can download the free certificate, customized with the youngsters' names, after filling out the Kids Day Survey found on the same page as the certificate generator. Alternatively, you can send a 9 × 12 SASE to Kids Day Certificate Request, ARRL, 225 Main St, Newington, CT 06111.



From the ARRL

Thanks & 73

All of our members (and others) look forward to getting this newsletter every month, so keep sending those inputs! As 2014 rolls in I'm sure PCARS will again be known as the **BIG FUN** amateur radio club with plenty of activities to report on in this newsletter. Thanks go out to the contributors for this month's newsletter:

WB8LCD, KC8PD, KB8UUZ, N8RLG, N8SY, WX1DER, K8CAV, WB9LBI, W8PT, DX Engineering, the ARRL and the World-Wide Web.



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

Tom "Parky", KB8UUZ
PCARS Newsletter Editor

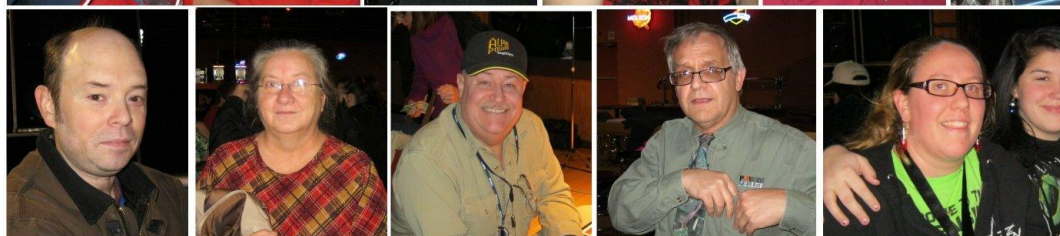
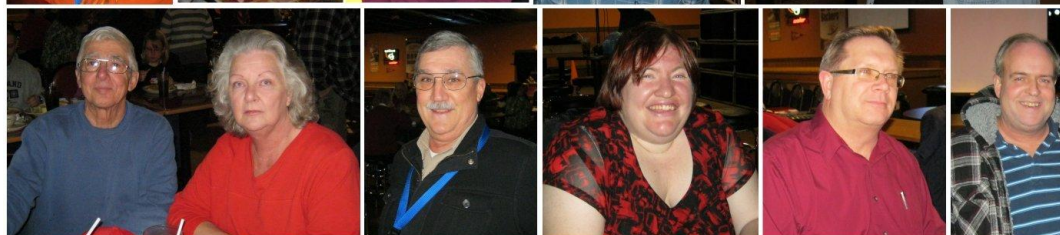
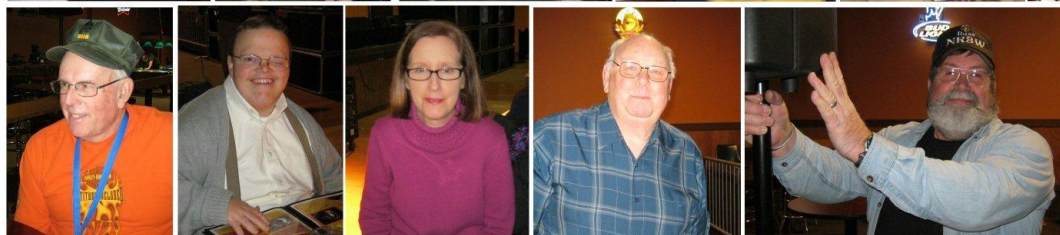
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9 Dec 2013

PCARS

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Santa Visit

**PCARS
9 Dec 2013**



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. Dues are as follows:

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

Check One

Pro-Rated Dues Amount:

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

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

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

What are *YOUR* Ham Radio interests:

Signed: _____ Date: _____

Mail to: Portage County Amateur Radio Service, Inc.
c/o: Amy Leggiero - KD8SKL
115 Steels Corners Rd. W.
Cuyahoga Falls, OH 44223

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

Rev. 25 Dec 2012

You're Invited



**Bob Heil,
K9EID**

Yes THE Bob Heil from



PCARS will be hosting a LIVE
Skype presentation with



Monday - February 10, 2014 - 7 PM at the Portage County
Amateur Radio Service club meeting. PCARS
meets at Stringz & Wingz - Located at 1543
State Route 303 in Streetsboro, Ohio



Since this is something *extra-ordinary*, everyone, and anyone,
that would like to attend is invited to see Bob's presentation.
We got the room & PCARS looks forward to your being there!

In Bob's own words: *"I have no set scripts for my
presentations. We get into audio, antennas as well as some
theory - keeping it simple."*

Need more information? Contact PCARS President - Tom WB8LCD@portcars.org

Portage County Amateur Radio Service, Inc.



PCARS - K8BF

Ninth Annual

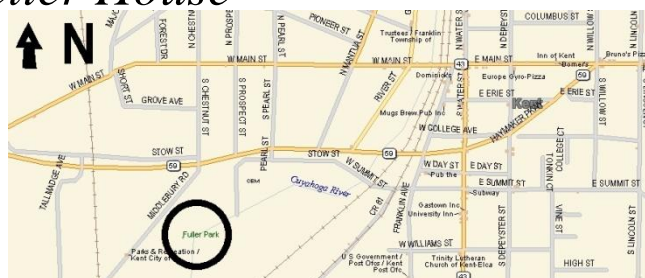
"Freeze Your Acorns Off"
(FYAO) QRP mini-field day
Special Event Station



Where: Fred Fuller Park - 497 Middlebury Rd., Kent, Oh
at the Roy Smith Shelter House

When: Saturday - Feb. 15, 2014
Set up: 9am

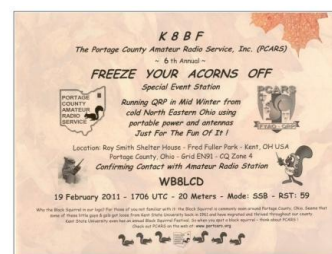
Operating Time: 10am - 4pm EST



We will be active on CW & Phone in the General areas of the 6, 10, 15, 20, 40 and 80 meter bands (Repeater & Echolink on the K8SRR echo link node for a certificate) and anything else we can get working. Club Call Sign **K8BF** for a certificate. Other participating stations will be using their own callsign/FYAO, or calling "CQ FYAO" (only stations at the Freeze Your Acorns Off event should use the /FYAO designator).

Yes, we'll be braving the cold snowy weather of North Eastern Ohio to set up QRP stations using portable power and antennas.

A beautiful color (suitable for framing) 8" x 10" certificate will be available if you contact K8BF and send your QSL with a large SASE to the club call trustee:
Bob Hewett, K8FEY - 3670 Sea Ray Cove - Reminderville, OH 44202



So, from the comfort of your warm radio shack - give us a contact while we're out freezing. We'll need all the contacts we can make to help keep us warm. Your support will be very much appreciated!



Check PCARS out on the web at: www.portcars.org



Amateur Radio GENERAL Class Upgrade Class



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

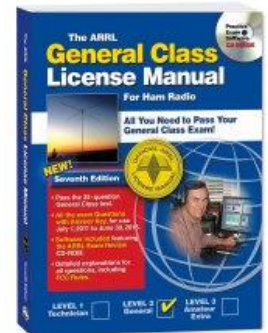
When: Tuesday Evenings 7:00 p.m.
Starting January 14, 2014
License testing will be held on the last day of class March 4th

Where: At the PCARS Club Site located in the
Dietrich Building - 705 Oakwood Street - 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 & Contact: **Tom Sly, WB8LCD**
Registration: by e-mail: **WB8LCD@portcars.org**
or phone: **330-554-4650**



Please register with Tom, WB8LCD by January 2nd
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.



Become an Amateur Extra Class - Upgrade Class -



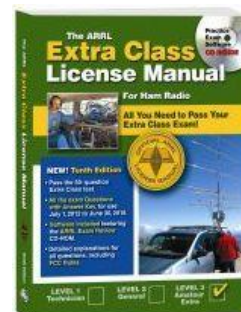
The **Portage County Amateur Radio Service, Inc.**
is offering an *Amateur Extra Class* upgrade class

When: **Wednesday** Evenings 7:00 p.m.
Starting January 8, 2014
License testing will be held on the last day of class March 19th

Where: At the PCARS Club Site located in the
Dietrich Building - 705 Oakwood Street - 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 “*Extra Class License Manual*”
Books may be purchased from PCARS for \$30.00



Information & Contact: **Tom Sly, WB8LCD**
Registration: by e-mail: **WB8LCD@portcars.org**
or phone: **330-554-4650**

Please register with Tom, WB8LCD by January 2nd
You can pay the registration fee the first night of class

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





AMATEUR RADIO EXTRA CLASS NOW FORMING



WESTERN RESERVE ARC

IS INVITING YOU TO UPGRADE YOUR
GENERAL CLASS LICENSE
MORSE CODE NO LONGER REQUIRED!

HAM RADIO EXTRA CLASS

Class Date & Time Thursday Evenings
Jan. 9 thru Mar. 6, 2014 - 7:00 - 9:30 P.M.

Class Location: ITT Tech,
1030 North Meridian Road, Youngstown, OH

*PRE-REGISTRATION AND BOOK
FOR CLASS ARE REQUIRED!*

TO REGISTER AND PURCHASE A BOOK
CONTACT: ALLAN "AL" AVNET AB8AA
ARRL REGISTERED INSTRUCTOR
330-549-3051 OR AB8AA@ARRL.NET

ARRL, THE NATIONAL ASSOCIATION FOR
AMATEUR RADIO --
HELPING HAMS GET STARTED SINCE 1914.



1401 E CLASS FLYER

Website : <https://www.regonline.com/builder/site/default.aspx?EventID=1248082>

ARRL2014

Centennial Events & Programs



ARRL
100
YEARS

- **ARRL National Centennial Convention — July 2014**



- **Second Century Campaign for the ARRL Endowment**
www.arrl.org/scc
- **Yearlong On-Air Operating Event and Awards**
Plus commemorative publications, regional events, special QST features, and more! Additional details coming soon...

ARRL National Centennial Convention at the Connecticut Convention Center in Hartford, July 17-20, 2014

Thursday, July 17, 2014

All Day Training Tracks: public service, technology, radiosport, and more!

Friday & Saturday, July 18-19, 2014

- ◆ Exhibit Hall featuring ARRL exhibits, Amateur Radio manufacturers, equipment sellers, and an indoor flea market
- ◆ Dozens of forums & presentations
- ◆ Friday Night Banquet

July 17-20, 2014 — Tours of ARRL headquarters and WIAW

Registration opens late summer 2013 (including hotel details)

Advancing the Art and Science of Radio—Since 1914

ARRL2014.org



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

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

at: Stringz & Wingz - 1543 SR 303 - Streetsboro, OH 44241

www.stringzwingz.com

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



"When All Else Fails - Amateur Radio Works"

PCARS uses the K8IV Repeater: 146.895 MHz PL 110.9 ~ Rootstown, Oh or PL 118.8 ~ Kent, Oh ~ EchoLink Node: K8SRR

PCARS thanks K8IV for making the repeater available to area hams and for PCARS activities.

2014 PCARS Appointments & Committees

ARRL Awards - DXCC WAS, VUCC, WAC	W8KNO	Joe Wehner
ARRL Awards - WAS	KB8UUZ	Tom Parkinson
Club Site	KC8PD	Jim Aylward
Contest	W8KNO	Joe Wehner
Coordinators	W8PT	Chuck Patellis
EchoLink	K8SRR	Steve Randlett
Field Day 2014	KD8VT	James Andrews
F.Y.A.O. 2014	W8PT	Chuck Patellis
Historian	KB8SZI	Peggy Parkinson
K8BF Callsign Trustee	K8FEY	Bob Hewett
K8BF QSL Manager	K8FEY	Bob Hewett
Net Coordinator	WB8LCD	Tom Sly
Newsletter	KB8UUZ	Tom Parkinson
OSPOTA 2014	KB8UUZ	Tom Parkinson
P.I.O.	WA8AR	Tony Romito
Secretary	KD8SKL	Amy Leggiero
VE Liaison	N8RLG	Robert Gurney
Webmaster	KD8MQ	John Myers



PCARS
Volunteer
Examiner
Team

KC8PD	Jim Aylward
KB8UUZ	Tom Parkinson
KB8DPN	Russ Anderson
N4IT	Carl Capps
WB8LCD	Tom Sly
N8XTH	Deron Boring
N8PXW	Jim Korenz
N8QE	Bob Hajdak
W8PT	Chuck Patellis
K8IV	Ed Polack
K8QF	Russ Conklin
WD8CVH	Ted Wands
N8RLG	Robert Gurney
AB8AA	Allan Avnet
K8JAA	Jane Avnet
KD8FLZ	Mike DiCarro
KE8G	Jim Blanca
W8RID	Bob Davet
K8MSF	Bud Green
KD8LEB	Al Zielinski
WA8CCU	Al Nagy
KB8IHG	Christopher Vince
NR8W	Russ Williams
KD8RJV	Jim Corbett
W8EZT	Frank Tompkins
N8OQQ	Bryan Buchwalter



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Portage County Amateur Radio Service, Inc. (PCARS)

Tom Parkinson - KB8UUZ - Newsletter Editor

9992 State Route 700

Mantua, OH 44255

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