



The

RADIOGRAM

When All Else Fails ~ Amateur Radio Works



July 2013 ~ Official Newsletter of the Portage County Amateur Radio Service, Inc. (PCARS) ~ Vol. 8 No. 7

~ 2013 Officers ~

President - Tom Sly - WB8LCD
 Vice President - Bill Fraedrich - WB9LBI
 Treasurer - George Proudfoot - K3GP
 3 Year Trustee - Erica Pelz - AE8YL
 2 Year Trustee - Bob Hajdak - N8QE
 1 Year Trustee - Sandra Getty - KD8JCY

~ 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

Breaking a longstanding tradition, there will be no PCARS net on Thursday, the 4th of July! This will be the first time since the beginning of the club that a net was canceled, but the 4th of July is a pretty special holiday. Be with your family, enjoy the fireworks, and celebrate the birthday of the greatest country this planet has ever seen!

I know you're going to hear a lot about Field Day elsewhere in this issue, but let me just say this: the PCARS Field Day operation shows how a diverse group of people can come together and accomplish big things. We had a great time, a lot of activity and put in a pretty good showing for our club! Everyone there was important to the success of the operation.

So, congratulations to everyone who participated. Whether you think your part was big or small, it wouldn't have been the same without you. Thank you all for being there.

Your officers will be meeting at 7:30 PM at the club site on Monday, July 1. As always, members are welcome to attend whether they have something they would like to put before the officers, or if they would just like to observe.

The "business" of the club is conducted at the officers meeting. This allows us to have the general membership meeting as more of a time of fellowship and fun. As always, an interesting speaker rounds out the evening. While I don't have the power to make attendance at the club meetings mandatory for the members, I do suggest that you come out to them. Later this month, Saturday July 27th, will be the club picnic. I sure hope to see you there!



Tom, WB8LCD

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



From the President (continued from Page 1)

On Wednesday July 10th, I'll be sending out a club survey. There will be lots of questions about the Field Day operation, our monthly meetings, operating events and other activities. I sure hope you will take the time to fill it out and send it back (it will all be done online).

Who's going to be doing some antenna work this summer? If you've got a project planned, and would like some help at any stage, drop me an email and we'll try to get a work party put together to help you out. Helping each other with these types of projects is one of the best things we can do for each other as club members. Not only is it a great learning opportunity, but there's a lot of satisfaction to be had from seeing someone enjoy the hobby from a great station that you helped to assemble. And take it from me, when you're the guy/gal being helped, it makes something almost "un-do-able" get done faster and cheaper than you might have expected.

That's it for me, I'm still wore out from Field Day!

72, 73
Tom, WB8LCD
PCARS President

From the Vice President

A Few “Thank Yours” Are In Order

Through a rare event in the heavens, which has not occurred since the year 1063, the deadline for The Radiogram falls after Field Day. For once I can tell about my impressions of PCARS Field Day while the event is still fresh in everyone's mind.

It was a success! I'll let Chairman Rick, K8CAV fill you in on all the details. But this level of success doesn't happen by accident. A lot of people worked hard to all of us could have **Big Fun** On the Radio. I'd like to mention them here.



Bill, WB9LBI

Everyone who was there got fed, with good food and on time. This was due to good planning and hot work in the sweltering heat, by our food committee Jim, KC8PD - Mike, KD8FLZ, and Sandy, KC8JCY. These people put in a lot of planning and effort, and there was plenty for lunch, dinner, and Sunday breakfast. Jim kept replenishing the beverage supply to make sure everyone got enough hydration in the sweltering heat.

The Station Captains: Ed, K8IV - Erica, AE8YL - Jim, KC8PD - Errol, KC8RJR - Dave, WB2DFC, and Tom - WB8LCD hauled in their own equipment, set it up, and then took a back seat so everybody else could play. Each of the captains went out of their way to give some of our newbies their first crack at Field Day.

The IT Team: Everything computer related went flawlessly the entire time. Even the NSA, who vacuumed up all that data, is impressed.

The Power Team: Big electric utilities should only be so reliable.

And the folks in the pavilion who met the public, answered every question, passed out material, and offered to show the visitors around, maybe even put them on the air. That would be Parky, KB8UUZ on the Public Information table, and Tom, WB8LCD over at the GOTA station, making everyone feel welcome.

To the new guys on the air for the first time: I hope you had a tremendous time, and see you for the Ohio State Parks On the Air contest.

And our Field Day Chairman Rick, K8CAV, who made all of those moving parts mesh together in one well-oiled machine. My hat is off to you!

I heard from other hams who spent some time at other Field Day sites where these virtues were not in evidence. Unplanned, disorganized, unfriendly, no food... the list goes on. Even when things went seriously wrong (our 20 meter station suddenly came down with a bad case of Low Voltage), the PCARS hams pulled together quickly to figure out the problem and make it go away. No arguments or fights, just fast action and teamwork.

So if you haven't already done so, please take moment to thank these guys for making happen for all of us. Email, text, on the air or face to face, please let them know that their stellar efforts and fine attitude are appreciated.

I personally had Big Fun over the Field Day weekend. We make a LOT more contacts than in Field Day 1063.

Bill, WB9LBI

Mark Your Calendars

On the calendar for upcoming meetings and activities are:

- July 8th - **PCARS Meeting** - 7 pm - Ray KD8DFL, Too Much Fun With Microprocessors
- July 27th - **PCARS Picnic** - VFW in Ravenna - 3 pm - more info will be e-mailed by WB9LBI
- Aug 12th - **PCARS Meeting** - 7 pm - Eddie Stevens KD8FTS, Build a Better Go Kit
- Aug 21st - **PCARS Ham Cruise-In**, A&W in Ravenna - 6 pm - more info will be e-mailed by WB9LBI
- Aug - **August Project**: Potato Gun (Date TBA)
- Sept 7th - **Ohio State Parks On The Air** (OSPOTA) Contest - see the flier for information
- Sept 9th - **PCARS Meeting** - 7 pm - Bob Winston W2THU, PRB-1 and Other Legal Stuff
- Oct 14th - **PCARS Meeting** - 7 pm - Jim Kvochick WB8AZP, Topic TBA
- Nov 11th - **PCARS Meeting** - 7 pm - **ELECTIONS** - Rod, WN8R - Vertical Antennas
- Dec 9th - **PCARS Christmas Party** - 7 pm - Santa Claus will be there

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
- Fifth Tuesday - **Linux for Hams** Special Interest Group



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

PCARS VE Test Sessions

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

August 3rd, October 5th and December 7th



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 (drivers license or state ID card is preferred).
- Your Social Security Number (SSN) or FCC Federal Registration Number (FRN). We are required to submit either your SSN or your 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.
 - Pre March 21, 1987 Technician license (this provides credit for the Element 3 (General) exam).

Robert, N8RLG
PCARS VE Team Liaison

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/>.



Hamfest Calendar

07/13 - 2013 NW PA Hamfest - Location: Greene Township Municipal Building - 9333 Tate Road - Erie, PA 16501 - Website: <http://www.wattsburg-wireless.us/hamfest.htm> - Contact: Richard Quinn , KB3ZVH - 419 Oregon Avenue, Apt. 6 Erie, PA 16505 - Phone: 814-838-3118 - Email: uinnr49@msn.com

07/20 - NOARS HAMFEST/CONVENTION - Location: Lorain County Community College (Spitzer Conference Center) - 1005 North Abbe Road - Elyria, OH 44035 - Website: <http://www.noars.net> - Contact: Darlene Ohman, KA8VTS - 4122 Bush Avenue Cleveland, OH 44109 - Phone: 216-398-8858 - Email: dohman@roadrunner.com

08/03 - Great Lakes Division Convention & Columbus Hamfest - Location: Aladdin Shrine Center - 3850 Stelzer Rd - Columbus, OH 43085 - <http://www.columbushamfest.com> - Contact: James Morton, KB8KPJ - 1317 Blocker Dr. - Heath, OH 43056 - Phone: 740-928-7790 - Email: kb8kpi@hotmail.com

09/08 - Findlay Hamfest - Location: Hancock County Fairgrounds - 1017 East Sandusky Street - Findlay, OH 45839 - Website: <http://w8ft.org> - Contact: Bill Kelsey , N8ET - 3521 Spring Lake Drive - Findlay, OH 45840 - Phone: 419-423-3402 - Email: hamfest@kangaus.com

09/22 - Cleveland Hamfest and Computer Show - Location: Cuyahoga County Fairgrounds - 164 Eastland Road - Berea, OH 44017 - Website: <http://www.hac.org> - Contact: Glenn Williams , AF8C - 513 Kenilworth Road Bay Village, OH 44140 - Phone: 440-835-4897 - Email: af8c@arrl.net

11/03 - Massillon Hamfest and Auction - Location: Massillon Boy's & Girl's Club - 730 Duncan Street SW - Massillon, OH 44646 - Website: <http://www.w8np.org> - Contact: Terry Russ, N8ATZ - 3420 Briardale Drive NW Massillon, OH 44646 - Phone: 330-837-3091 - Email: truss@sssnet.com

11/16 - Indiana State Convention (Fort Wayne Hamfest and Computer Expo) - Location: Allen County War Memorial Coliseum - 4000 Parnell Avenue - Fort Wayne, IN 46801 - Website: <http://www.fortwaynehamfest.com> - Sponsor: Allen County Amateur Radio Technical Society - Contact: ACARTS Fort Wayne, W9INX - PO Box 10342 Fort Wayne, IN 46851 - Phone: 260-579-2196 - Email: chairman@fortwaynehamfest.com



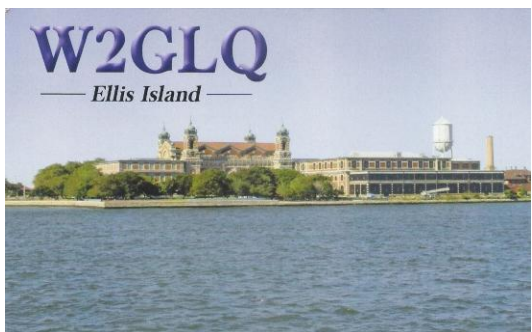
Save the Dates. Join Us in Making History.

ARRL The national association for
Amateur Radio®
CENTENNIAL
Advancing the Art and Science of Radio—Since 1914

ARRL CENTENNIAL CONVENTION TO BE HELD IN HARTFORD, CT
JULY 17 - 20, 2014 (Exhibits open July 18th and 19th), and will mark 100 years
of the ARRL's founding in Hartford. Be part of this historic occasion.

Paper Chase

A couple of months ago, I wrote about important peoples' QSL Cards. I have, since, received a QSL card from Bruce Frahm, K0BJ the 2nd Vice President of the ARRL. Will this cause me to collect QSL Cards from all the ARRL Officers? A nice idea, but probably not.



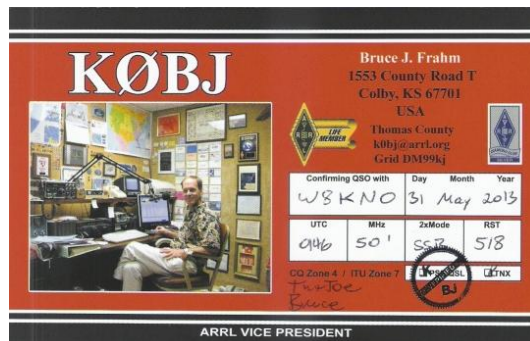
This past month I also received a QSL Card commemorating "Ellis Island". For you who are Islands on the Air enthusiasts, it is USI NJ036S. How many islands have you worked? Take a count and you will probably surprise yourself!

Ellis Island is in Upper New York Bay. It was the gateway for millions of immigrants to the United States as the nation's busiest immigrant inspection station from 1892 until 1954. The island was greatly expanded with land reclamation between 1892 and 1934. The island was made part of the Statue of Liberty National Monument in 1965, and has hosted a museum of immigration since 1990. The island has been closed to the public since Hurricane Sandy in October 2012 with no re-opening date projected.

A trivia question: Do you know who the first immigrants to off load at Ellis Island? The answer is Annie Moore and her two brothers on January 1, 1892. A statue commemorating this appears on the landing in Cobh, Ireland. Annie Moore became the first ever emigrant to be processed in Ellis Island when it officially opened on 1st January 1892. Annie and her brothers sailed from Queenstown on the SS Nevada on the 20th December and arrived after 12 days of travelling in steerage. The statue outside Cobh Heritage Centre was unveiled by President Mary Robinson on the 9th February 1993. A similar statue of Annie can be found in Ellis Island, New York which represents not only the honor of her being the first emigrant to pass through Ellis Island but also stands as a symbol of the many Irish who have embarked on that very same journey.

You can see the statue behind Rena, KD8EPF and her girlfriend Phyllis of Vidor, Texas.

Memories are as good, or better than paper. So get on the air, make contacts and when you receive a QSL card it will bring back memories.



Hear your on the air,
Joe, W8KNO

EmComm Column

Another Field Day is in the history books. PCARS' Field Day was safe and successful. A big reason for that is the use of the Incident Command System to organize the event.



Jim, KC8PD

Although it isn't apparent to those in attendance and even many of the participants, the entire operation was planned and then implemented using incident command concepts.

Rick, K8CAV, was the Incident Commander and his general staff included both a Safety Officer and two Public Information Officers, one each for internal and external communications. All of the stations were included in the Operations Section and the food, IT and power generation units were in the Logistics Section. George, K3GP, as club treasurer, staffed the Finance Section. All it takes is a glance at the organizational chart and you know who is responsible for what activity and who they report to.

Rick also used the ICS Form 201 Briefing form to summarize the event. It included a map of the site, a summary of the event activities, a list of resources, as well as the organization chart.

During the weekend, each team captain or unit leader tracked their group's activities on an ICS-214 Unit Log.

All of this provides a great way to familiarize participants with ICS concepts and forms and give them practice in using them. It also provides a documented history of the event which can provide useful information to future Field Day chairpersons.

In discussing Field Day with hams who participated at other locations it became clear that ICS planning and organization can provide could have been used there, too. Some of those FD operations just came together at the last minute with no planning. What happens then? Necessary equipment and food aren't available, operators aren't scheduled, and safety is overlooked, to name a few consequences.

So when you hear us discussing incident command please understand why we think it is important. We learn from it and, as noted above, create safer and more successful events for all of you.

Public service/special event communication is in full swing and we always need your help with these events. There are never too many ham radio volunteers so please lend a hand.

Here are some opportunities coming up and contact information:

- **Stow Fourth of July Parade**, 7/4, www.summitares.org
- **Headwaters Adventure Race**, 7/13, contact Gay, WB8VNO, wb8vno@portcars.org
- **Bellefaire Biathlon**, 8/25, contact Gay, WB8VNO, wb8vno@portcars.org
- **Ravenna Parks and Recreation – Balloon-A-Fair Chase**, 9/21, contact Sandy, KD8JCY, kd8jcy@portcars.org
- **Mantua Potato Stomp**, 9/7, contact Jim, KC8PD, kc8pd@portcars.org
- **Ravenna Parks and Recreation – Got Bike**, 10/6, contact Mike, KD8FLZ, kd8flz@portcars.org

73,

Jim, KC8PD/AAR5AI

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

Contest Calendar

July 2013	
RAC Canada Day Contest	0000Z-2359Z, Jul 1
10-10 Int. Spirit of 76 QSO Party	0001Z, Jul 1 to 2400Z, Jul 7
MI QRP July 4th CW Sprint	2300Z, Jul 4 to 0300Z, Jul 5
DL-DX RTTY Contest	1100Z, Jul 6 to 1059Z, Jul 7
DARC 10-Meter Digital Contest	1100Z-1700Z, Jul 7
RSGB 80m Club Championship, SSB	1900Z-2030Z, Jul 10
FISTS Summer Sprint	0000Z-0400Z, Jul 13
IARU HF World Championship	1200Z, Jul 13 to 1200Z, Jul 14
NAQCC Straight Key/Bug Sprint	0030Z-0230Z, Jul 18
RSGB 80m Club Championship, Data	1900Z-2030Z, Jul 18
DMC RTTY Contest	1200Z, Jul 20 to 1200Z, Jul 21
Feld Hell Sprint	1600Z-1800Z, Jul 20
CQ Worldwide VHF Contest	1800Z, Jul 20 to 2100Z, Jul 21
North American QSO Party, RTTY	1800Z, Jul 20 to 0600Z, Jul 21
Run for the Bacon QRP Contest	0100Z-0300Z, Jul 22
RSGB IOTA Contest	1200Z, Jul 27 to 1200Z, Jul 28

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

Happy Birthday PCARS Members

PCARS members having a birthday in July:

KD8QEI	Valeri	Karl	AK8U	Wayne	Schaefer
W8PT	Chuck	Patellis	G0BPS	Dick	Pascoe
N8FTP	Larry	Cole	AB8IE	Ken	Westover
KB8JFF	Dick	Ward	N8XEP	Maribeth	Vince
N4PKW	Rod	Thompson	N8ZPS	Brian	Gardner
WB9LBI	Bill	Fraedrich		Willie	Watts Jr.
N8HUC	Karen	Andrews	KD8EPA	Dan	Porcase
KD8QEJ	John	Adams			



Dayton: RTTY Contest Forum & Drake Equipment Forum

RTTY Forum

This was my first time to the Dayton Hamvention in over 20 years. One of the forums that I wanted to attend was the RTTY Contest forum. Who would have guessed that I was interested in digital mode operation! Approximately 180 people attended this standing room only presentation.

The forum had two main speakers. Larry Gauthier, K8UT presented "RTTY Receive Development". I believe the high point of his presentation was on the new RTTY decoder called 2Tone. This receive ONLY decoder can be used with N1MM logger, DXLab WinWarbler and several other software applications. Some RTTY contesting hams believe that the 2Tone decoder is better than MMTTY.

The second presenter was Pete Smith, N4ZR and his topic was "RTTY Skimmer". Some of you may have used a CW skimmer and understand the basic principles of skimming frequencies to pick out active stations and display their call sign. An RTTY skimmer is a new feature to amateur radio. This skimmer can be used with a standard transceiver but would work best with an SDR (Software Defined Radio) transceiver.



David, WA8KHP

If you are interested in this information follow the links below to see the recorded RTTY Contesting forum.
<http://www.youtube.com/watch?v=BgSBikdcPio&feature=youtu.be>
http://w0yk.com/dayton_rtty.htm

DRAKE Forum

If you are into older amateur radio equipment that still performs well in today's amateur radio spectrum then you might consider Drake Equipment. There was a "Drake Equipment" forum at the 2013 Dayton Hamvention. This forum covered where to get parts, service and assistance. Rob Sherwood, NC0B presented information on performance issues of today's modern transceiver compared to the older Drake equipment. If you own an Icom 7600 or a IC-7000 you might be surprised at the issues that Rob found in this newer equipment! Be sure and check out Rob's "Receivers Test Data" web site to see where your equipment list in comparison to the best in the world.

Jeff Covelli, WA8SAJ who recently spoke at the PCARS dinner meeting was also present at the Drake Equipment forum for the Q&A session.

Drake Equipment forum - Dayton Hamvention2013: <http://vimeo.com/66550614>
Sherwood Engineering receiver test data: <http://www.sherweng.com/table.html>

73,
David, WA8KHP



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! If you would like to order by mail contact the club

Treasurer:
George, K3GP at:

K3GP@portcars.org



Digital SIG Group for July

My presentation of Beyond Fldigi at the Digital Sig Group meeting on July 2 is for all modes of operation SSB, CW and digital. The main topic will be on DXLab Suite of applications. I will integrate DXLab with Fldigi via a gateway package. Both of these software packages use a communication port (USB or serial) to talk to your rig to send/receive the frequency, mode and bandpass filter information. The problem, a communication port only allows one software package to be connected at a time unless you have Virtual Serial Port (VSP) software to allow more than one connection. So if you use applications that need Omni-Rig, RigCAT in Fldigi or DXLab Suite to send CAT commands to a comm port I will show you how it is possible to have all of them active at the same time.

Are you using a web based Spotting program that requires you to manually tune your rig to the correct frequency and set the mode for the spot? Does your Spotting software (web based or otherwise) have a world map showing the spots as dots on the map? Can you click on one of these spots and see the frequency, mode and time that the spot occurred? If your rig can be controlled by your PC, does clicking on a spot on the world map change your rig to that frequency and mode of the spot? Does your Spotting software show you if the DX station is registered with LOTW or eQSL? See how I have integrated multiple software packages to rule my Amateur Radio domain. Some of us do it digitally while others get down on SSB!

Yes there will be some advanced topics covered, but if you only operate SSB or CW there is plenty of information to advance your knowledge of Amateur Radio. Hope to see everyone there.

73,

David, WA8KHP

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!

July	
4	none
11	KD8FDK
18	KD8DFL
25	NR8W



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



2 Meter PCARS Weekly Net

So when was the last time you checked into the PCARS net? We're there every week. Some of you have been playing hookey! If you've missed more than a couple, you need to get back into the habit. If you're new to the club and/or the hobby, the weekly net is a good place to find out who's active and what they're doing.

We have a certificate (suitable for framing) if you check in 10 times in a row. Just let me know the dates you claim, I'll check the net logs and have your certificate for you at the next meeting (yeah, coming to the meetings is good, too). Can you believe that there are a few members who have only missed a net or two since the beginning of the club? That's dedication.

Have you ever thought of being a net control operator, but didn't want to jump in cold turkey? Give the PCARS net a try. We have a net script to use and a log sheet to use (both posted on the PCARS web site) for the check-ins. If you want, an experienced Net Control Operator will sit with you and walk you through the process. It's really fun, and a good way to get to know the club members a little better. I'm just getting ready to set the NCS list for August through December. If you would like to be on the list send me an e-mail at: WB8LCD@portcars.org and we'll get you going!

Tom, WB8LCD



Some Words from Weaver

Field Day in Review



Jim, K8JE

Whew, Field Day is just a few days behind us and I can well imagine there is some recuperating going on among our fellow hams. What a great event - always - despite the heat (cold), sun (rain), bugs (insert critter of your choice) to make things interesting. Still, it is the largest US/Canada operating event of the year and has been a traditional showplace for ham radio. I truly hope that all of our Great Lakes Division's clubs were able to muster some FD activity and get on the air. Speaking of get on the air, FD's traditional Get-on-the-Air (GOTA) stations have afforded potential hams as well as newly licensed ops the chance to operate in this event. GOTA is a wonderful recruitment and PR tool.

ARRL Centennial Convention in 2014

The ARRL was founded in Hartford, CT in 1914. Its centennial anniversary, then, will be next year. A major celebratory Centennial National Convention is being planned for next June in Harford. This will be a tremendous opportunity for members to visit HQ -- including W1AW, to attend interesting forums and to view the great history of Amateur Radio. Watch QST and www.arrl.org in coming months for details as these are announced. This will be a once-in-a-lifetime opportunity to celebrate Amateur Radio and the organization that remains so crucial in keeping it a viable avocation.



ARRL Great Lakes Division Convention set for August 3

Our own division Convention is coming up soon. It will be August 3 and held at the Aladdin Shrine Center, 3950 Steltzer Rd. in Columbus, OH. Here is the web page link - <http://arrl-greatlakes.org/convention.html> which provides all of the up-to-date information.

In addition to the Aladdin's impressive hamfest, the Great Lakes Convention brings the some absolutely outstanding events. We have attempted to bring well known subject matter experts in to conduct and moderate our forums. The Convention Committee is confident you will find each of the sessions interesting and informative. The first sessions will be kicking off at 8:30 AM.

Track 1:

Propagation Forum - Carl Leutzelschwab K9LA
Club Growth - Kitty Hevener W8TDA
OSSBN Bi-Annual meeting - open to all

Track 2:

Voice of America VOA - Jay Adrick
Public Service - Jim Brooks KY4Z
National Traffic System Forum - David Maynard WA3EZN

Plenary Sessions:

ARRL Forum - Jim Weaver K8JE, Dave Sumner K1ZZ, Dale Williams WA8EFK

Convention Luncheon:

At 1 PM we will hold a luncheon where ARRL Executive Director Dave Sumner K1ZZ will speak. The link to the luncheon registration form is posted on the Convention web page. Following Dave's keynote address, the Division Awards will be made. These will include the Division Newsletter Award, Ham of the Year, Youth Ham of the Year, Technical Achievement Award, DX achievement Award and the coveted George Wilson Award.

Wouff Hong - Ohio Section volunteers.

The Ohio Section will be hosting a not-to-be-missed meeting of the Royal Order of the Wouff Hong which, by the way, can only be held at ARRL National, Division and State Conventions. This is a rare opportunity to become a member of this honored and very special Order.

The Convention/Hamfest will also be hosting Amateur Radio License Testing, plus QSL Card Checking (Keith Kemper, N8KOL will be on hand) plus there will be a number of local club information booths.

Remember the date and plan to be there, Columbus, OH on August 3.

Jim Weaver, K8JE
ARRL Director, Great Lakes Division



RSGB Marks Its Centenary On and Off the Air

The Radio Society of Great Britain ([RSGB](#)) turns 100 this year. The [IARU](#) member-society represents Amateur Radio in the UK. The big day on the celebration calendar is July 5, Centenary Day, the anniversary of the Society's founding. On that day Queen Elizabeth II's Lord Lieutenant of Buckinghamshire, Sir Henry Aubrey-Fletcher, will represent the crown at Bletchley Park — famous for its secret World War II code-breaking activities — for the unveiling of a commemorative plaque. The RSGB's patron, Prince Philip, Duke of Edinburgh, is recovering from surgery and will be unable to attend. A Centenary dinner will follow. ARRL President Kay Craigie, N3KN, says the ARRL appreciates the importance of having strong national Amateur Radio societies around the world.

"Every country needs a tireless advocate for Amateur Radio within its own boundaries, such as the ARRL in the US and the RSGB in the United Kingdom," she said. "No single Amateur Radio society can mount the kind of advocacy effort necessary at the international level to protect and advance the interests of Amateur Radio. However, working together under the auspices of the International Amateur Radio Union, the ARRL, the RSGB, and other national societies have been able to achieve positive outcomes for Amateur Radio worldwide. This has been true in the first century of the ARRL and the RSGB and will continue as our two organizations begin a second century of service to Amateur Radio and our members."



RSGB President Graham Coomber, GØNBI, spoke on “100 Years of International Cooperation” at Dayton Hamvention® in May. Chris Duckling, G3SVL, is scheduled to deliver an RSGB Centenary presentation June 29 at the DARC [HAM RADIO](#) exhibition in Friedrichshafen, Germany. The RSGB’s Centenary Convention takes place October 11-13, near Milton Keynes, preceded by a national hamfest in late September. Formerly known as the HF Convention, the event will feature talks on DXpeditions and contesting, and DXCC card checking will be available.

History

The RSGB began as the London Wireless Club, established in 1913, a year before the ARRL got its start as an offshoot of the Hartford Radio Club. The London club’s first meeting of “interested parties” took place July 5, 1913, and by the end of its first year the club boasted more than 150 members. Today the RSGB has some 20,000 members.

On the Air

Special event call sign Gx100RSGB, where the *x* is replaced by the appropriate secondary station locator — M, W, I, D, U and J, for example — has been on the air since January 1. UK stations can compete for a [Centenary Award](#) by working the special events. The UK’s regulatory agency [Ofcom](#) has approved special prefixes GV, MV and 2V from July 5 through July 31. Individual licensees must [apply](#) to Ofcom for permission (*Notice of Variation*) to use them. Prefixes are replaced as follows:

- 2D, 2E, 2G, 2I, 2J, 2M, 2U, 2W = 2V prefix
- G, GD, GI, GJ, GM, GU, GW = GV prefix
- M, MD, MI, MJ, MM, MU, MW = MV prefix

Although there are exceptions, most Centenary prefixes do not clearly identify the DXCC entity. Visit the [Clublog](#) website of 5B4AHJ for more information.

Activities

A Centenary construction — or “homebrewing” — competition with publication of the winners’ completed projects in *RadCom*, the RSGB’s membership journal, is among other Centenary celebration activities. The Society is encouraging individual clubs to arrange barbecues and “fun events” on July 6, with participants linked by SSB operation centered on 144.25 MHz or FM operation on 144.50 MHz and nearby simplex channels. To involve local clubs, the RSGB commissioned a portable “RSGB Wall of History” display that groups can borrow for meetings and public events.

The Future

Looking forward, the Society said in a statement on its website, “Amateur Radio today is as relevant and vibrant as it has ever been, but we face new challenges, such as encouraging new entrants, combating new sources of interference and ensuring that our voice is heard and understood, as pressure on the radio spectrum increases. The RSGB takes very seriously its responsibility to work with partners around the world in providing leadership to safeguard and develop Amateur Radio over the next 100 years.”

The RSGB provides [additional details](#) on its Centenary celebration on its website. — *Thanks to the [RSGB](#) and [The Daily DX](#).*

From the ARRL



Great Lakes Emergency Communications Conference

On Saturday, July 13th, amateur radio operators from Ohio and beyond will embark on a training journey at The Third Annual Great Lakes Emergency Communications Conference.

The conference is being held at Gilmour Academy Lower School in Gates Mills, OH in Cuyahoga County.

This year's training will include public service communications, digital communications, and an IS-700-Introduction to NIMS course.

Want to be a better net control station or perhaps learn how? There will be a course offered for that. Want to learn how to be an amateur radio operator in a SAG vehicle? There will be a course for that. Want to learn how to setup/configure a digital station using Fldigi? There will be a course for that. This is just to name a few.

There will be an emcomm vehicle/trailer display and a go box display. I am told there will be communications trailers from Medina County, Lake County, Ashtabula County Amateur Radio Club, and an awesome NEW comms trailer from the Conneaut Amateur Radio Club.

The training schedule has been posted on the GLECC website <http://www.glecc.org> as well as information and registration. This free conference is designed with the volunteer in mind. Always has. Always will. Volunteers training volunteers since 2011.



Matt, W8DEC
GLECC Chairman



Swap-N-Shop

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

40' Heavy Duty Self-Supporting Tower – 37 inches wide at the base, 18 inches at the top \$250

Used Rohm 25G Tower – One standard section plus tapered top section w/rotor plate \$100.00

Andrew 22' Superflex FSJ4-50B jumpers with N-male & DIN-male connectors. (9 Remaining) \$20.00

Supplied w/extra N-male for building a custom length N-male to N-male cable \$30.00 ea. (6 Remaining)

N-male to N-male barrel connectors \$5.00 each. (4 Remaining)

Hubbell - HBL5366 20 Amp 125 Volt plugs \$6 (5 available)

Hubbell – HBL2611 NEMA L5-30P Twist Lock 30 Amp 125 Volt plug \$10

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)

Bolt on Auxiliary Contact Set for any of the above contactors with 1-N.O. & 1-N.C. Set of contacts \$2.00 each

1/4" Plate Glass for desk or table top, great for radio bench measures 42"x68" cost \$152.00 Asking \$50.00

Ferraz-Shawmut ULTRASAFE® Fuse Holders DIN Rail Mount, Blown Fuse Indicator \$1.00 each

Station Ground Bars - military surplus *MADE IN U.S.A. by COLE HERSEE of Boston, MA.* \$8.00 ea.

Weller 8200 Soldering Gun – last of the good ones with the tip nuts, with carrying case, spare tips and tools, one (1) remaining, \$45.00

I also have a small supply of connectors for 1/2" Superflex, 1/2" and 3/8" Helix. Contact me with your needs.

Contact James at KD8VT@portcars.org or call 330-206-4909 [10/02/13]

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: [10/02/13] This will help keep the listings current.

Contesting

Are you aware of the World Radiosport Team Championship? It is also known as WRTC. The WRTC is held every four years and consists of approximately 50 two-person teams of Amateur radio operators from around the world completing in a test of operating skill. Unlike most on-the-air competitions, all stations are required to use identical antennas from the same geographic region.



The 2014 WRTC will be hosted in New England in the Boston area. You may be able to contact some of the test stations this year during the IARU Contest, July 12-14 2013.

Hear you in the contests,
Joe, W8KNO

Editor's Notes: According to the web site <http://www.wrtc2014.org/> there are 747 hams that were rated for entry in the WRTC from W8 land. People keep track of the scores you submit from various contests. From that, they get a ranking for eligibility in the WRTC competition. I looked at the chart and found a few PCARS members listed:

Rank	Score	Call
62	2109	KB8UUZ
66	2051	KB8UHN
73	1832	NX8G
89	1510	W8KNO
132	961	N8OQQ
245	384	KC8UNR

Rank	Score	Call
293	250	W8PT
338	188	AE8YL
473	61	KD8FDK
506	42	N8RLG
522	37	N8XTH
596	19	N8GIE

Rank	Score	Call
641	8	N8QE
563	7	K8SRR
654	7	KD8MQ
663	6	WA8AR
747	0	KB8VJL



Looking for DX?

IARU HF World Championship

July 13-14, 2013

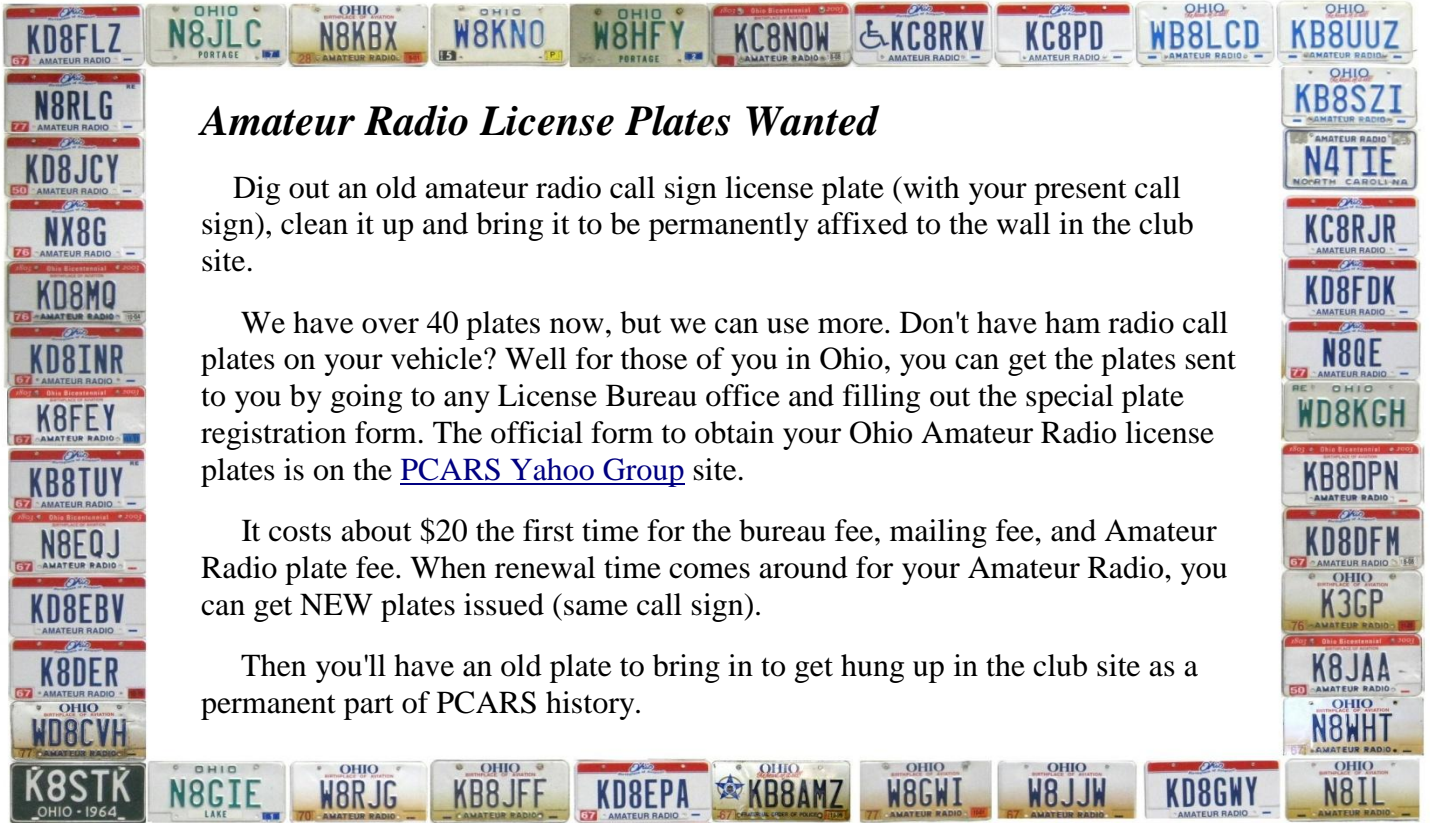
Begins 1200 UTC Saturday;

Ends 1200 UTC Sunday

Contact radio amateurs worldwide,
especially IARU member society HQ stations!

Enter Portage County Amateur
Radio Service as your Club Name





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 site.

We have over 40 plates now, but we can use more. Don't have ham radio call plates on your vehicle? Well for those of you in Ohio, you can get the plates sent to you by going to any License Bureau office and filling out the special plate registration form. The official form to obtain your Ohio Amateur Radio license plates is on the [PCARS Yahoo Group](#) site.

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 in the club site as a permanent part of PCARS history.

PCARS Meetings

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

Meetings are at:

Stringz & Wingz

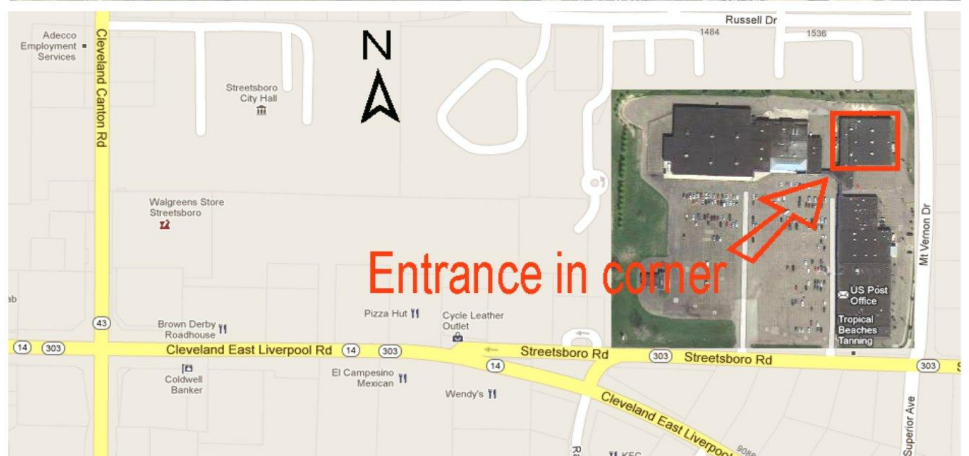
1543 State Route 303

Streetsboro, OH 44241

www.stringzwingz.com



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



The CW Station and Crew - Field Day 2013

The CW Station was housed in a self-contained cargo trailer. Self contained meaning all power, lighting, and RF communications needs would operate without connection to an external power source. The two battery/inverter systems on board were sized to provide adequate power for the logging computer and the RF system for up to two (2) hours or more, depending on demand.

At 10 AM the process of set-up began. This process which included antenna installation was completed without incident. The PC installed for network logging also contained the necessary software for WinKeyer. The WinKeyer software allowed CW transmissions to be automated with pre-entered macros for the repetitive CW exchanges. The CW Station was tested and made operational well before 14:00

As many of the CW Station participants had been through the setup and operation in past Field Days, activities were carried out easily. We expected the CW Station to be on the air for the entire duration of the Field Day event, and it was. As no preset scheduling had been made, with the exception of one request for 10PM to midnight, the station was kept in operation with a few operators staying in the park, each taking a two (2) hour shift. While one operator was on duty, another would be "floating" in the area to take over quickly should a "coffee run" or other personal need arise.



Dave, WB2DFC

A competitive attitude was exhibited by all of the operators, with the goal being "always being the air" and "let's beat last year". Both mindsets served us well. Last year's QSO count was overtaken with several hours to spare. The final CW QSO count was 831, an outstanding effort by all of the operators!

I attribute this success to the operators and methods used to make more QSOs. The practice of "owning the frequency", where the operator finds and stays on a clear frequency meant we (K8BF) were a desirable find. For the first several hours of Field Day, the CW Station remained at 7.0225. Owning the frequency versus the "hunt and pounce method" meant many more QSOs, saving time over tuning around to finding and working other stations.

As part of the 2013 ARRL/PCARS Field Day event, the CW Station participated in a commercial power failure exercise. Early Sunday morning we simulated a power failure by physically unplugging the CW Station from the diesel power generator. The simulated power failure had no effect on the CW Station. The two battery backup/inverter power systems took over immediately and operated as planned. The two battery backup/inverter systems could provide up to two (2) hours of full power at which time a portable generator would be connected. We activated a portable generator and operated in this manner for two (2) hours. After the two (2) hour test was completed, the CW Station was switched back to the diesel power generator.

As a closing comment, I feel the use of the Incident Command System provided a great deal of control and flexibility for the 2013 ARRL/PCARS Field Day event. Using the ICS plan made for good practice. PCARS participants are now more prepared should a real situation arise requiring amateur radio for emergency communications. My sincere "thank you" to those who made the CW Station shine.

73,
Dave, WB2DFC

13 Colonies Special Event

The annual 13 Colonies Special Event will take place during the first week of July, with participating 13 colonies' stations on the air from 1300 UTC July 1 until 0400 UTC July 6.

Event sponsors say at least two special event stations will operate from each colony state. The theme for 2014 is "Banners of the Revolution," and the certificate — available to all participants regardless of the number of stations worked — will reflect that theme.

Those working all 13 colonies qualify for a "Clean Sweep" certificate designation, and a special endorsement will be attached for stations working WM3PEN in Philadelphia.



The suggested exchange is call sign, name, signal report and state/province/country. The event's sponsors report that more than 62,000 contacts were logged in last year's 13 Colonies Special Event. More information is available on the Web at <http://www.13colonies.info/>.

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

Dayton Attendance is 24,542

The Dayton Hamvention says 24,542 attendees made it to this year's event - <http://www.hamvention.org/>

Just to put that in perspective (only years reported are listed):

1952: 600

1991: 33,500 (K4KL, Ross Brown)

1992: 33,000 (K4KL, Ross Brown)

1993: 33,669 (record, ARRL Newsletter, peak before the change from April to May)

1994: 35,000 (Started in May, over estimated, Dayton Daily News statement)

1995: 33,000 (estimated, Dayton Daily News statement, drizzle& mid 40's)

1997: 28,000 (ARRL Newsletter)

1998: 28,120 (ARRL Newsletter)

1999: 28,176 (ARRL Newsletter)

2000: 28,804 (ARRL Newsletter)

2001: 26,151 (ARRL Newsletter, hard rain)

2002: 24,832 (ARRL Newsletter)

2003: 22,168 (ARRL Newsletter, nearly constant rain on Saturday)

2004: 19,869 (ARRL Newsletter, rain)

2005: 20,411 (ARRL Newsletter)

2006: 20,324 (ARRL Newsletter)

2007: 19,318 (K4KL, ARRL Newsletter)

2008: 17,250 (ARRL Newsletter, Friday rain but sunny overall) (Hamvention Reflector Stats 6-29-08)

2009: 18,877 (K4KL, ARRL Newsletter, rain late Saturday afternoon for short while)

2010: 19,750. (ARRL Newsletter, mostly sunny, pleasant weekend)

2011: 22,312 (Dayton Hamvention direct query - WA8APB) Sunny and warm all 3 days, upper 70's to lower 80's. [Read the 2011 recap.](#)

2012: 24,483 (DARA Meeting) The weather for this year was very pleasant with temperatures in the 80's and sunny all 3 days.

2013: 24,542 (Dayton Hamvention report) Again, the weather for this year was very pleasant with temperatures in the 80's and mostly sunny all 3 days - just a few sprinkles of rain.



Charlie the Tuner's HF High-Lites

Field Day has come and gone and if you were there, I am sure that you had a very good time. Thanks to all who planned, executed, participated in and/or simply came to visit and see what was going on.

July is here and as I write this column, there is a whopper of a thunderstorm going on. Hopefully the power will hold out at least until I email this to Parky (editor's note - he made it - thunderstorms and all!).

With the RSGB IOTA Contest at the end of July, there will be a lot of good DX and some rare DX on from various islands around the globe. So if nothing else, get on the air the last weekend of July and work some of the DX that will be there.

As I have mentioned, those who have an interest in DX or contesting, please join us on the fourth Tuesday every month at the club site for our DX/Contesting Special Interest Group. Not only do we discuss what is



Chuck, W8 PT

happening on the bands in regards to DX, but we get some great presentations to help us in our DX hunting, record keeping and contesting.

I 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.

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).

HH, HAITI (Update). Tom, KC0W, will be active as HH5/KC0W from the extreme northern tip of Haiti between July 6-25th. Activity will be 160-6 meters using CW only. He will use a vertical antenna placed directly over salt water. Tom states, "My operating location in Haiti has unobstructed HF takeoffs to North America, Europe & Africa. Haiti has been underrepresented on CW so hopefully HH5/KC0W will go into many CW enthusiast's logbooks." QSL only direct to his home callsign. No LoTW or Bureau QSLs.

OJ0, MARKET REEF. Operators Jean-Pierre/ON5JT, Michel/ON6QO, Koen/ON4CCP, Philippe/ON4LEM and Peter/ON8VP will be active as OJ0V from Market Reef (EU-053) between July 1-6th. Activity will be on the HF bands using CW and SSB. On request of a lot of hams worldwide, they will also be active on the Digital modes (RTTY or PSK). QSL via ON4CCP.

6M, SOUTH KOREA (6m Op). Look for 17 operators to be active as 6M6M between June 22nd and July 31st. Activity will be on 6 meters only, with four high power stations using yagis and quad antennas. Modes to be used are CW, SSB, FM, AM and the Digital modes. They will operate from the Korean mainland, with a possible trip to the following IOTA group AS-060 on June 27-30th.

9H, MALTA. John, KK4OYJ, will be active as 9H3RJ from Gozo Island (EU-023) between June 28th and August. QSL via his home callsign.

CP, BOLIVIA. Antonio, EA5RM, informs OPDX on June 22nd, "Hello guys, next month I'll be working on a NGO project in Bolivia from July 3th to 19th. I'll be installing HF radios solar powered for medical purposes and emergencies at Indian communities on the Maniki River and also on TIM (Indigenous Multiethnic Territory) inside the Bolivian Amazon jungle. I had planned to do the maintenance to the radio stations I installed four years ago. I expect to be on the air as CP1XRM, but due to the very hard living conditions, it will be a limited radio operation. I'll use 100 watts solar powered station and vertical antenna.

KG4, GUANTANAMO BAY (Update/Date Change/6m Op). Operators Terry/K4RX (KG4RX) and Ken/AC4TO (KG4TO) will be active from GITMO for a 6 meter DXpedition in WW Grid FK29kv between June 29th and July 9th. They will use a K3 with PR6 and KPA500 into a 6M5XHG optimized 6 element yagi. There will also be some simultaneous HF operations on all bands using yagis, 500 ft. beverage and wires. KG4RX and KG4TO will have their logs on ClubLog. QSL to their respective home callsigns.

HAFF/WWFF SUMMER TOUR. Operators Geza/HA8DD and Zsolt/HA8FY will activate 6 Hungarian HAFF areas as homecall/p during early July. Their schedule is as follows:

- July 8th - Kesznyeteni TK (HAFF-025) from about 1300z to late evening hours.
- July 9th - Zempléni TK (HAFF-047) from early morning to midday (1000z).
 - Bukki NP (HAFF-002) from midday until late evening.
- July 10th - Borsod Mezosege TK (HAFF-014) from morning hours until midday (1000z).
 - Hevesi Pusztak TK (HAFF-020) from midday until late evening.
- July 11th - Hortobagy NP (HAFF-006) from the morning hours until midday (1000z).
 - Kozep-Tisza TK (HAFF-027) from midday until evening.

They want to operate with two stations on at the same time (FT-857 and FT-7B) with a W3DZZ separated dipole antennas for the 5 HF bands. The modes are CW, SSB and FM on 2 meter for emergency purposes. QSL via the HA Bureau or direct via their QRZ.com address.

P29, PAPUA NEW GUINEA (Update). Akira, JA1NLX, reports on his Web page that he will be active as P29VNX from Lissenung Island (New Britain Island), in the Bismarck Archipelago IOTA Group (OC-008) between Sept 7-14th. Activity will be mostly on the IOTA frequencies on 30-10 m using CW, RTTY & PSK31. His transceiver is a Elecraft KX3 with a small 100w amp into a 1/4 wave vertical with elevated radials. QSL via JA1NLX, direct (w/SASE & 2 USDs) or OQRS (direct (3 USDs) or Bureau). Do not send your QSL via Bureau. He is no longer a member of JARL. All logs to be uploaded on LoTW & Online Log search available on ClubLog. Akira states, "I will send you QSL via Bureau from GlobalQSL if you request OQRS_Buro." For more details and updates, watch Akira's Web and Blog pages at: <http://www.asahi-net.or.jp/~yy7a-ysd/P29VNX-2013.htm> <http://ja1nlx-aki.blogspot.jp>

TN2, REPUBLIC OF CONGO (Update to OPDX.1114/Callsign and Web Change). Once again in close cooperation between the DAGOE Foundation, Mercy Ships and 4 Dutch radio amateurs, planning is being done for a DXpedition to Republic of Congo. The Team will stay in Pointe Noire between September 28th and October 11th. The team will use the callsign TN2MS (not TN5MS as first announced) for this coming activity. For more details and updates, visit their Web page at: <http://www.tn2ms.nl>

TO2, MAYOTTE. Members of the "Italian Dxpediton Team" have announced the callsign, TO2TT, for their upcoming DXpedition to the Island of Mayotte Island between October 3-17th. Operators mentioned are Silvano/I2YSB, Vinicio/IK2CIO, Angelo/IK2CKR, Marcello/IK2DIA, Stefano/IK2HKT, Alberto/IZ2AXF and Mac/JA3USA. HF Pilot station: Fred, IK7JWY. The 6m Pilot station: Sergi, IK0FTA. Activity will be on 160-6 meters using CW, SSB and RTTY. They will have with them four Elecraft K3 w/amps, one Spiderbeam (20-10m), two yagis (20-10m), three vertical antennas (80/40/30m), longwire for 160m and 3 element Cubical Quad for 6m. Online survey for band/mode needs is available on their Web page. For more details and updates, see the following related Web pages:

Official website: <http://www.i2ysb.com>

Official forum: <http://www.hamradioweb.org>

IOTA NEWS.....

HONDURAN IOTA EXPEDITION (Update/Tentative Dates). Dan, HM2DMR, plans to activate the following Honduran IOTA Islands between late May to July (dates depend on Navy permission: NA-223 - Vivorillos (callsign HQ8D); July 16-20th Activity will be on 160-10 meters. For more details and updates, watch: <http://hriotas.com>

IOTA DXPEDITION. John, YB5NOF, along with possibly 1 or 2 more operators, will activate three Indonesian IOTA groups during the months of June and July. His plans are tentative, but here is the schedule:

Subi Besar Islands (**OC-109**) - Sometime in June; he will apply for the YE5S call sign.

Tambelan Islands (**OC-122**) - During July for the RSGB IOTA Contest); he will apply for the YE5T call sign.

AS-006. Kazuhiko, VR2KF, will be on during the RSGB IOTA Contest (July 27-28th) from his home QTH on Ma Wan Island. This is a good time to work him because he is leaving Ma Wan early 2014. He is the only station on Ma Wan. Kazuhiko's plan is only to be active on 20-10 meters. QSL only direct to QRZ.com address.

AS-103. Operators Tang/BM2AAV, Adam/BU2BF, Ken/BV1EL, Eddie/BV2DD, Evan/BV2KS, Lee/BV2NT, Lee/BX2AB, Bill/BX3AC, Tall/BX9AAA, Koshiro/JA3AQM, Alfred/VR2SA, Go/9M6YBG and Richard/KF7EJY will be active as BP0A from Peng Hu Island, Taiwan, during the RSGB IOTA Contest (July 27-28th) as a Multi-Multi entry. QSL via BV2KI.

EU-008. Operators Andy/M1LOL and Ray/M1REK will be active as MM1REK from the Isle of Coll (IOSA NH05, SCOTIA DI12, WLOTA 2123) in the Inner Hebrides group between August 5-10th. Activity will be on 80-10 meters SSB and the Digital modes. QSL via M1REK, by the Bureau or direct. See the Web site at: <http://www.m1rek.co.uk/isle-of-coll>

EU-049. Fred, PA1FJ, will once again be active as SV8/PA1FJ/p, but this time from the Chios Island (GIOTA NAS-002, MIA MG-025, WLOTA 4103) between August 29th and September 9th. Activity will be on 40-6 meters using CW and SSB and CW. Fred will operate QRP using a FT-817 with a Buddi-Stick/HighEndfed antenna. QSL is preferred via the Dutch QSL Bureau (Box 330, NL-6800 AH Arnhem, The Netherlands).

EU-051. Operators Stefano/IK6JRI, Fred/IK7JWX and Vincenzo/IZ8LFI will be active possibly as IE9DX from Ustica Island (IIA PA-001) between July 23-30th. Activity will include the RSGB IOTA Contest (July 27-28th). Before the contest active on 30/17/12/6 m CW, SSB & Digital modes. After the contest they will be on any modes and bands. QSL via IK7JWX. ADDED NOTE: Anyone who wants to join the team for the contest (only 2 days) is welcome. For details, contact: ik6jri@hotmail.it (Team leader)

EU-110. Operators Stefano/IV3LZQ, Paolo/IV3PUT, Francesco/IV3EDU and Andy/9A3JH will be active from Sveti Nikola Island (ACIA IC-016, IOCA CI-118, MIA MC-414, WLOTA 3152) between July 25-29th. Activity will be on 80-6 meters using CW and SSB. They will also be an entry in the RSGB IOTA Contest (July 27-28th) using the callsign 9A/IV3LZQ. QSL direct only via IV3LZQ (see QRZ.com). For details and updates, see: <http://www.arimanzano.it>

EU-073. Members of the Taranto ARMI section and the 599 DX Team will once again be active as IJ7T from San Pietro Isle (IIA TA-002) between July 26-28th. Activity will be on the HF bands, 6 and 2 meters using CW, SSB and the Digital modes. They will participate in the RSGB IOTA Contest (July 27-28th). QSL via IK7WDS, direct or by the Bureau. QSL cards can also be requested via the OQRS on ClubLog. For more information and updates, visit: <http://www.qrz.com/db/IJ7> <http://www.armi.ta.it>

EU-123. Ops Doug/GM0ELP & Simon/M0GBK active as MM3T from Isle of Bute (IOSA CL02, SCOTIA CS19, WLOTA 1883) during RSGB IOTA Contest (July 27-28th) as Multi-Op/All-Band/Low-Power/Mixed/DXpedition entry. QSL via eQSL only.

EU-141. Hans, LA2MOA, will be active from Vardo Island in the Finnmark County East Group during the RSGB IOTA Contest (July 27-28th) as a Single-Op/CW-Mode/Island-DXpedition entry. QSL via his home callsign, direct, by the Bureau, eQSL or LoTW.

EU-174. Gabi, HA1YA (ex. J48YA), will once again spend his holiday on Thassos Island (GIOTA NAS-037, MIA MG-124 and WLOTA 4186, WW Loc. KN20hs), Greece, and be active with his new callsign SW8EA between July 5-21st. Activity will be on the HF bands, 6m, 4m, 2m and 70cm using CW and SSB. His rig is an IC9100 + ME4T-PRO transverter for 4m <http://ha1ya.config.hu/htmkepek/me4t_protransverterspec.htm>, a multiband vertical for HF and yagis on VHF/UHF bands (4 element Yagi on 6m, 4+4 Yagi on 4m, 9 element Yagi on 2m & 23 element Yagi on 70 cm). QSL via his home callsign.

EU-174. Norbert, OM6NM, will be active as SV8/OM6NM from Thassos Island (GIOTA NAS-037, MIA MG-124 and WLOTA 4186, WW Loc. KN20hs), Greece, during the RSGB IOTA Contest (July 27-28th) QSL via OM6NM.

H44, SOLOMON ISLANDS - Operators Ralph, 5W0W/H44RK, Dom/SQ9KWW, Tom/WL7HP and Maggie/H44MK (the only local YL Ham from Sikiana) will be active as H44IOTA during their upcoming IOTA tour which will start during the first week of June. Preliminary dates have now been announced for each island, but may vary due to the nature of the tour. Here is their announced schedule:

July 1-7th - Nendo Island (OC-100)

July 9-12th - Vanikolo/Utupua (OC-163)

July 14-16th - Reef Islands (OC-065)

Activity will be on 80-10 meters using CW and SSB. See OPDX.1104 for frequencies. All QSL requests are via QSL Manager Rex Turvin, NR6M. For updates, it is suggested to watch: <http://www.qrz.com/db/H40RK> The group now has a Web, Twitter and FaceBook page at: <http://www.h44iota.com> <https://twitter.com/h44iota> <https://www.facebook.com/pages/H44-IOTA-DXpedition/136003426577924>

IS0, SARDINIA. Sal, IZ2WFL, will be active as IS0/IZ2WFL from Sardinia Island (EU-024) between now and July 25th. Activity will be active on the HF and VHF bands. The island is valid for the following references: IOTA EU-024, IIA D-001 (Italian Island Award) and WLOTA LH -1608. QSL via his home callsign.

NA-128. Members of the "NA-128 Contest Group" will once again activate Ile Verte (C.IS.A QC-015, Grid FN58, ARLHS CAN-244, WLOTA 1404) using the special callsign CF2I between July 24-28th. Their activity will include the RSGB IOTA Contest (July 27-28th) as a Multi-Single entry. The group will operate many stations from the lighthouse keeper's quarters on many bands (SSB, CW and RTTY, PSK63) before and after the contest. The group will operate ONLY on SSB and CW on 10, 15, 20, 40 and 80m DURING the contest. The complete log will be uploaded to LoTW few days after the contest. Paper QSL is via VE2CQ. For more info, visit their Web page at: <http://www.qsl.net/na128cg>

NA-151. Bo, OZ1DJJ, active as OX3LX from Tasillaq (aka Ammassalik) Island (IOTA NA-151) between July 20th and Aug 1st. Activity on the HF Bands, as well as 6 and 4 meters. QSL via OZ1PIF. For more info and updates, see: <http://geronne.dk>

OC-021. Edi, YB3EDD, on Java (Jawa) Island, will be active during the RSGB IOTA Contest (July 27-28th). QSL via YB3DD, LoTW, eQSL, E-mail request for Bureau or direct.

SA-027. Fabio, PP5BZ, will be active as PQ5M from Sao Francisco do Sul Island during the RSGB IOTA Contest (July 27-28th) as Single-Op/All-Band entry. QSL via PP5BZ.

SA-060. Operators Renato/PY8WW, Ewerton/PY8AA, Fernando/PU8WZT, Ronaldo/PS8RV, Pedro/PR8ZX and Gabriel/PU8RGV will be active as PX8Z from Cotijuba Island (DIB PA-14, WLOTA 2855) between July 26-28th. Activity coincides with the RSGB IOTA Contest weekend. QSL via PY8WW.

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, that's the story for this coming month and a few months ahead. As I have been encouraging you HAMs to get on the air and have some fun working DX. Have a great July and see you again in August.

73 and GUD DX!!

Chuck, W8PT
aka "Charlie the Tuner"



Field Day 2013 Pictures

I took over 130 pictures during Field Day 2013. Plus I have more coming in from other people that took pictures as well (keep sending them to me, please).

With that many picture, it would take too many pages to publish them in the newsletter. John, KD8MQ our web master has posted the pictures from Field Day 2013 on the PCARS web site. Please visit www.portcars.org and go to the Field Day section under the Activities tab. You find a slide show of the pictures.

PCARS K8BF
The Club that puts the FUN in Ham Radio!

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Field Day

Pictures From PCARS Field Day – 2013

Message from the Field Day Team
We'd like to take time to say **Thanks** to all who came out and supported the PCARS Field Day effort. It is only through your support, that we are able to achieve all that we do.
Your Field Day team

Preliminary FD Results
Below are the preliminary results for PCARS 2013 Field Day and they look great! As soon as we have logs sorted I'll make the official announcement and will have it published for everyone. This did a lot better than last year and approached our total from two years ago.

Message from K8CAV
Greetings to all PCARS members,
Our Field Day is now in the books and I think I'm almost fully recovered from a long but fun weekend. I hope that all of you that were part of our Field Day enjoyed the time there. Thanks to all of you that operated, logged, helped out, or just visited to share the fellowship of a great group of people!
A very special thank you to the folks who volunteered to take the leadership positions that make our Field Day such a success. Every one

Tom, KB8UUZ

Field Day Summary - 2013

The 2013 ARRL Field Day is history, and PCARS was there to help put it in the history books. We did pretty good considering the few glitches we had at the beginning. The 40 meter phone station was the top dog this year with 1,226 contacts. Top operator was John, N8GIE with 368 contacts. The GOTA station was busy with operators making over 20 contacts each - a new record for PCARS' GOTA. Here are the statistics from Field Day 2013 for K8BF:

K8BF's Contest Summary Report for ARRL-FIELD-DAY 2013

Total Contacts = 2,965

Total Points = 3,898

Does not include bonus points or GOTA points

=====

Total Contacts by Band and Mode:

Band	CW	Phone	Dig	Total	%
----	--	-----	---	-----	---
80	111	12	32	155	5
40	519	1,226	10	1,755	59
20	167	651	34	852	29
15	25	51	26	102	3
10	3	0	0	3	0
6	6	92	0	98	3
	--	-----	---	-----	---
Total	831	2,032	102	2,965	100

=====

Total Contacts by Station:

Station	Total	%
-----	-----	---
40m	1,235	42
CW	801	27
20m	650	22
FLEX	181	6
VHF	98	3

=====

Total Contacts by Operator:

Operator	Total	%		
-----	-----	---		
N8GIE	368	12	KA8TOA	34 1
WB9LBI	358	12	WA8CCU	28 1
K8IV	286	10	WN8R	26 1
N8OQQ	281	9	WB8KLC	23 1
K3GP	274	9	KC8PD	14 0
WB2DFC	160	5	KB3GXB	13 0
W8NET	150	5	KD8FLZ	13 0
KB8UUZ	112	4	AE8YL	12 0
KD8DFL	103	3	KD8JCY	12 0
KD8FDK	98	3	KD8SIZ	12 0
N8HUC	84	3	WD8DAU	9 0
N8QE	76	3	KC8RJR	6 0
KC8TZU	72	2	KB8TUY	3 0
N8ZPS	72	2	KD8GHA	3 0
WA8KHP	70	2	KB8JFF	2 0
W8KNO	56	2	KD8QEJ	2 0
KD8FME	49	2	KD8WZS	2 0
K8MSH	46	2	KD8EPA	1 0
WA8AR	35	1		

WB8LCD - GOTA Contest Summary Report for ARRL-FIELD-DAY

Total Contacts = 70

Total Points = 70
Does not include bonus points

Total Contacts by Band and Mode:

Band	CW	Phone	Dig	Total	%
----	--	-----	---	-----	---
80	0	7	0	7	10
40	0	50	0	50	71
20	0	1	0	1	1
15	0	10	0	10	14
10	0	2	0	2	3
-----	---	-----	---	-----	---
Total	0	70	0	70	100

Total Contacts by Operator:

Operator	Total	%
-----	-----	---
KD8WZS	22	31
KD8QEJ	20	29
KYLE	6	9
KD8SKL	5	7
WA8OSS	5	7
KD8VCJ	3	4
K8MNJ	2	3
KC8ZGL	2	3
KD8PMH	2	3
LAURA	2	3
ANNA	1	1



40 meters was the top station



John N8GIE - Top Operator
resting just outside the 40 meter
station between operating sessions



Field Day 2013

PCARS Field Day 2013 is now history and thanks to a great effort by everyone involved, we did quite well and had a heck of a good time doing it! While it was hot and humid, we did not have rain and thanks to the Food Service Team, we had plenty of drinks on hand to keep everyone hydrated.

Based on the final information received from logs and supporting documents, our final score is 9,526 points. Considerably better than last year and pretty darn close to the record we set two years ago of just a tad over 10,000 points. The breakdown is as follows (includes GOTA):

CW	831 QSO	1,662 points
Digital	102 QSO	204 points
Phone	2,102 QSO	2,102 points
Claimed QSO Score		7,936 points
Bonus Points		1,590 points
Total claimed Field Day Score		9,526 points



Most importantly, PCARS Field Day is not all about points and scores. It's also about providing an enjoyable experience for everyone who participates, whether there to help, operate, log, or just to share a great time with fellow club members and I think we were very successful in that as well. CW, 20m, and 40m provided that hard charging experience for those who wanted to really test their contesting skills while Flex, VHF and GOTA provided a more relaxing operating environment for those who may not have been as comfortable in that hard charging environment. The Food Service team provided a great dinner Saturday evening and we had a nice turnout to share both dinner and a great Field Day experience. The power team excelled at making sure the site had power for radios and equipment, and for a few lucky stations, air conditioning! The IT team worked through a number of glitches in the upgraded contesting software to make sure each station was constantly "in the loop" on our network. A great PIO Table showcased our club, and our PIO made sure we had coverage in the media. Last but certainly not least, our safety officer made you all had a safe Field Day experience.



Rick, K8CAV

There are two groups of people I want to thank for this year's successful Field Day. The first is every member of the Field Day Team. Any time an event is conducted in size and scope of PCARS Field Day, it takes a lot of time and effort by the team members, often unseen by people outside of the team, to pull it off. It's been my distinct pleasure to work with all of the members of the Field Day Teams the last three years. Every one of them has done an outstanding job to make PCARS Field Day an enjoyable experience for all.

The second group I want to thank is all of you that participated in Field Day. Far too often in many organizations participation by members is limited but that's not been the case with PCARS members. Your participation is what makes all the work of putting Field Day together a worthwhile effort and I truly appreciate you being part of it.

73,
Rick, K8CAV
Field Day Chairman

Finger-Pointing, Name Calling as Club "Fails Miserably" at Field Day

GOLDEN SPIKE, Montana; June 26, 2013 – A group of northern Montana amateur radio operators is disbanding their ham radio club after their worst Field Day showing in 27 years.

The road to this year's Field Day was paved with potholes for the Gold Diggers Amateur Radio Club, as members endured heated confrontations, flying yeast rolls, overturned tureens of vegetable soup and ejection from two separate meeting locations – including a Catholic school altar guild room.

"To say we fell below expectations is putting it mildly," says former club president Lou Rodden. "The members were so absorbed with making sure we had plenty of food, lawn chairs and drinks that we forgot to bring our radio gear."

"It was NOT my job to bring the gear," replied club member Junior Brown, when questioned by Ham Hijinks. Brown was chided repeatedly after forgetting to order food for last year's Field Day. "I may have overlooked the food in 2012...but I would never forget the radio gear. Knuckleheads."

Immediately after Field Day, president Rodden called a meeting of club officers. The group voted to disband the club effective July 1.

"Ain't nowhere to go but up!" said Rodden, who adds that he is now thinking about joining the Jackson Hole, Wyoming, "Jack-A-Lopes" contest club. "I even heard of one club in Arkansas that stopped operating at midnight so they could drink a pint of Fosters! That's my kind of club!" [**Watch the video here!** <http://www.youtube.com/watch?v=DauRFXjIEQg>]

Dr. Johnson Longville, Contest and Promotion Outreach Director at the National Radio Retransmission Legion (NRRL), says this is the first time a radio-less Field Day has happened.

"I can't remember another group submitting 'zero' contacts on their log before. I'm a little surprised the Gold Diggers even submitted a log. Oh, we've had plenty of "two's and three's" before, usually due to radio failures or RF hash from a generator. But not because the entire club forgot to bring gear."



Club member Robert Willingham checks the group's bylaws for info on how to disband the club.

Gary, WBØRUR

Editor's Notes: This story and many more amusing articles can be found at: www.hamhijinks.com

Thanks & 73

All of our members (and others) look forward to getting this newsletter every month, so keep sending those inputs! Thanks go out to the contributors for this issue of The RADIOGRAM:

**WB8LCD, WB9LBI, N8RLG, W8KNO, KC8PD, WA8KHP,
K8JE, W8DEC, WB2DFC, W8PT, KB8UUZ, K8CAV, WB0RUR,
Hamhijinks.com, the ARRL and the World-Wide Web**

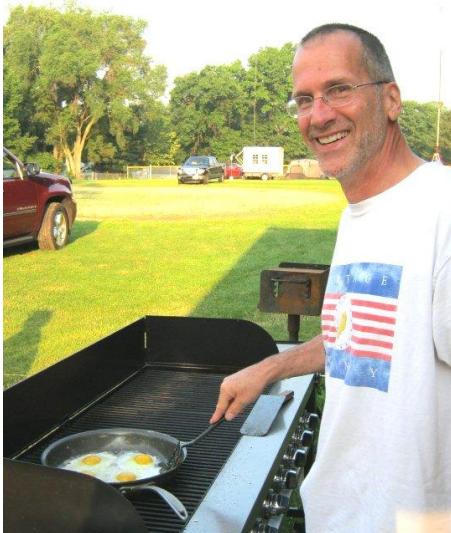


Tom "Parky", KB8UUZ
PCARS Newsletter Editor

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



Special Thanks to the PCARS Field Day Food Team - Jim, Mike & Sandy



P I C T U R E S F R O M T H E J U N E M E E T I N G



The Portage County Amateur Radio Service, Inc. (PCARS) announces the 6th annual

Ohio State Parks On The Air



Ohio State Parks On The Air contest

Saturday, September 7, 2013, from 1600 UTC to 2400 UTC

There are **74** 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: www.OSPOTA.org

While you're at it, check out the PCARS web site at: www.portcars.org

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 114.8 ~ Kent, OH ~ EchoLink Node: K8SRR

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

2013 PCARS Appointments & Committees

ARRL Awards - DXCC WAS, VUCC, WAC	W8KNO	Joe Wehner
ARRL Awards - WAS	KB8UUZ	Tom Parkinson
Club Callsign Trustee	KB8VJL	Al Atkins, Sr.
Club Site	KC8PD	Jim Aylward
Contest Coordinators	W8KNO W8PT	Joe Wehner Chuck Patellis
EchoLink	K8SRR	Steve Randlett
Field Day 2013	K8CAV W8PT	Rick Kruis Chuck Patellis
F.Y.A.O. 2014	WB8LCD	Tom Sly
Historian	KB8SZI	Peggy Parkinson
K8BF QSL Manager	KB8VJL	Al Atkins, Sr.
Net Coordinator	WB8LCD	Tom Sly
Newsletter	KB8UUZ	Tom Parkinson
OSPOTA 2013	W8PT	Chuck Patellis
P.I.O.	WA8AR	Tony Romito
Secretary	KD8SKL	Amy Leggiero
VE Liaison	N8RLG	Robert Gurney
Webmaster	KD8MQ	John Myers



PCARS
VE 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
WB8VNO	Gay Wands
WD8CVH	Ted Wands
NX8G	Rex Simmons
N8RLG	Robert Gurney
AB8AA	Allan Avnet
K8JAA	Jane Avnet
KD8FLZ	Mike DiCarro
W8RID	Bob Davet
K8MSF	Bud Green
WA8CCU	Al Nagy
KB8IHG	Christopher Vince
NR8W	Russ Williams
KD8RJV	Jim Corbett
W8EZT	Frank Tompkins



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This is the **Electronic E-Mail** version of the PCARS Newsletter, The RADIOGRAM. The advantages to receiving this way are: You get COLOR pictures, NO postage needed, and delivered right to YOUR e-mail box! If you know of anyone else that would like to receive this newsletter, please have them send me an e-mail. Are you interested in getting news emailed directly to you? Send an email to news-subscribe@portcars.org to join our news emailing list. The RADIOGRAM is published every month and is sent only to subscribers. If you would prefer not to receive this newsletter, we understand. We'll try not to take it personally. It's not you saying you don't like us, but maybe you just don't have the time to look at all this hard work we've done just for you. Hey, that's cool. But if your heart is truly set on making sure you no longer receive this newsletter, even though we promise to one day reveal the meaning of life in it and you're going to be really upset when you miss out on that.

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

