



The RADIOGRAM

When All Else Fails ~ Amateur Radio Works



July 2014 ~ Official Newsletter of the Portage County Amateur Radio Service, Inc. (PCARS) ~ Vol. 9 No. 7

~ 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

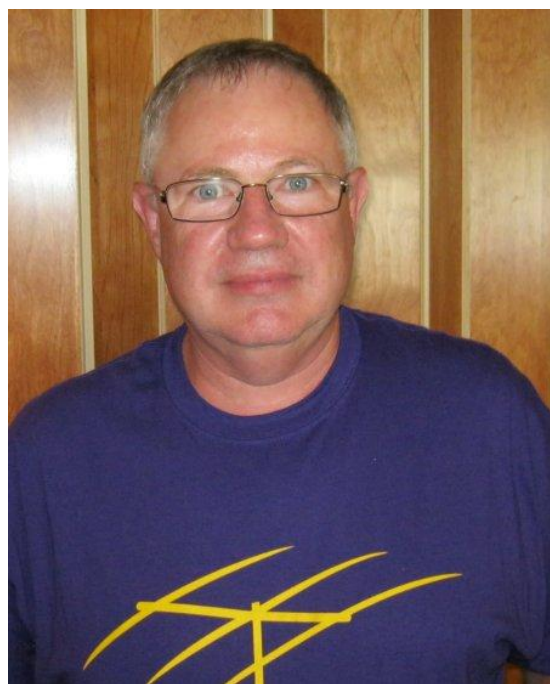
Anyone who has known me for very long, knows that I'm an Eagle Scout. That program had a profound impact on my life, and taught me many lessons at an early age that I've carried with me throughout my life. The Boy Scout Motto is "**Always Be Prepared**". Not a bad guide to live by. But, what are you going to be prepared for?

I'll narrow it down for this discussion: Communications. As Amateur Radio Operators, we pride ourselves on being prepared to jump in and provide assistance in the event of some sort of disaster that would render normal lines of communication inoperable. Many of you became interested in Amateur Radio because of its ability to provide the Emergency Communications service to the community. But, are you really prepared? These last couple weeks have been interesting to me as I've observed the reactions to the short term loss of the K8IV repeater system.

We are very fortunate to have received the Yaesu DR-1 repeater, which is what we are currently operating on. It was put into service on short notice from the PCARS club site. It's not an ideal situation, but it does give us some coverage, and it's allowing K8IV to make the necessary changes to his system which should allow it to provide many years of uninterrupted future service to the club. (Thanks Ed) In the meantime, traffic on the repeater is reduced. Changes have needed to be made for net control operators. Check-ins on the net(s) are down on the RF side, but up on the Echolink side.

Obviously, some of us are not prepared to operate under this compromised environment. So, what are you doing about it? This is the perfect opportunity to make, and test, adjustments to your station that would allow you to maintain communications in an emergency, disaster, or some other situation that resulted in repeaters being down and other alternatives needing to be established. The time to be prepared is before the disaster hits. It's tough to make the necessary changes after the disaster is already upon us. The best part of the deal here? It's summertime! No need to go out in the cold and snow to make the improvements needed to your system.

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From the President (continued from Page 1)

"When Everything Else Fails, Amateur Radio often time is our last line of defense...When you need amateur radio, you really need them." *The Hon. W. Craig Fugate, Administrator, US Dept of Homeland Security, FEMA*

Amateur Radio enjoys a good reputation for being there when needed. We've worked hard to establish that perception of ourselves. It helps us to maintain the untold dollars worth of radio spectrum that we occupy. But, once we fail to perform, all could be lost. We protect ourselves by being prepared. I hope you'll all do everything you can to make sure that you are ready and able to contribute to the service that Amateur Radio provides when and if it is needed.

Field Day is done and over – but don't worry, there's still LOT'S more PCARS fun on the calendar. The club picnic, OH QSO BBQ, OSPOTA, Ham Radio Cruise In just to name a few. I hope you'll all get these on your calendars as priority items! Everything we do is fun, but it's always more fun when the participation rate is high. This is not a calendar item, but did you know that PCARS has an **A to Z** operating award that has yet to be claimed by its first winner? I'd sure hate to see someone outside of PCARS get certificate #1!

If you were not at the last meeting, you missed an interesting program on feed lines and the measurements you can take on them and what they mean. Phil Bresky, WB8AVD arranged for Dave Farcus, of Bird Electronics to give the presentation. That presentation also included the donation of a Bird 43 watt meter,

brand new, in the box! A very big Thank You to Phil, Dave and Bird Electronics. That will be a very useful instrument in the PCARS lab. This month's meeting (July) will feature a presentation by Jim, AC8NT – on the “Makers” movement. Young people are getting interested in building and creating again. Amateur Radio could benefit greatly from this renewed interest in technology.

From Wikipedia:

“The maker culture is a contemporary culture or subculture representing a technology-based extension of DIY Culture. Typical interests enjoyed by the maker culture include engineering-oriented pursuits such as electronics, robotics, 3-D Printing and the use of CNC tools, as well as more traditional activities such as metalworking, woodworking and traditional arts and crafts. The subculture stresses new and unique applications of technologies and encourages invention and prototyping. There is a strong focus on using and learning practical skills and applying them creatively.”

So, don't just sit there! Get up and get active with PCARS! Get prepared and get engaged with what's going on around you. It's a whole lot more fun to be a participant than just an observer.

73,

Tom, WB8LCD
PCARS President



From the Vice President

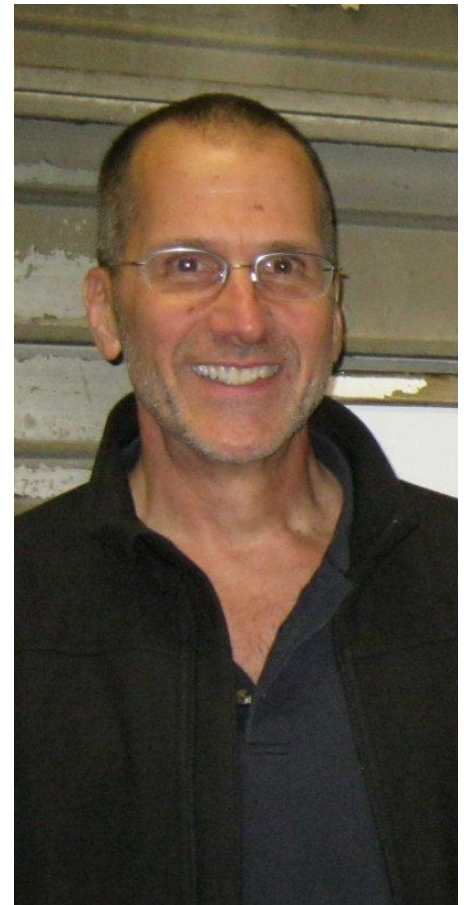
With this edition of the newsletter we are into the second half of 2014 and with all the PCARS activity scheduled in the meantime it is bound to go by fast. This is being written a couple days before Field Day (the biggest and best in the country!) which will be followed by the club picnic on July 26th at the Ravenna VFW.

The annual PCARS Cruise-In at the Ravenna A&W will be in August and the club station will be on the air for the Ohio QSO party later that same month. A few weeks later it will be time for the Ohio State Parks On The Air contest on September 6th.

During that same time, of course, there will be the monthly club meetings with their programs, Special Interest Groups on Tuesdays and Net Nites on the fourth Thursday of each month. Plus, we can count on some additional activities or workshops during the rest of the year.

One of our primary goals at PCARS has been to provide as many ways as possible for the club's members to get to know each other and participate together in as many facets of the hobby as possible. With a lot of planning and preparation behind the scenes (and a bit of luck) all these activities happen.

We have also made every effort to involve club members in that planning and preparation as well as being the hands-on staff of the teams that make the events happen. The



Field Day crew is probably the best example of this. That way more people get to be a part of the process of creating and designing those activities and events and to have a sense of accomplishment for their efforts.

It also gives them a better idea of what it takes to manage a club the size of and as busy as PCARS. This is really important because not only is it their club but they are its future leaders and we have a responsibility to them and the rest of the club members to ensure that they are up to the task.

When we ask for your assistance it is because we truly need it and count on you to help PCARS succeed. It cannot be said too often: PCARS is the sum of all of its members and their contributions. You are the club.

When the second half of 2014 comes to an end it will be a time of transition for PCARS. What got us here will soon be forgotten but the challenge of continuing the club's success will be fresh every day. We are counting on you.

73,

Jim, KC8PD
PCARS Vice President

Mark Your Calendars

On the calendar for upcoming meetings and activities are:

- **July 26th - PCARS Picnic** - VFW in Ravenna on New Milford Road
- **August - Cruise-In** at the A&W in Ravenna
- **August 23rd - Ohio Bar-B-QSO Party** - at the club site in Ravenna

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



Ohio State Parks On The Air



contest
September 6th



PCARS VE Test Sessions

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

August 2nd, October 4th, December 6th

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).



See the article in this newsletter about new rules - *effective July 21st* for hams that have an expired license.

Robert, N8RLG
PCARS VE Team Liaison



Need a VE Test Session & Live Near the PA Boarder?



For those of you in Eastern Ohio near the PA boarder, the Mercer County Amateur Radio Club (MCARC) is the sponsor of a newly created ARRL VE team and will be giving exams for the first time on Tuesday, July 8th, 2014. Exams will be given at BC3 Linden Pointe (the same location as the MCARC monthly meetings - see: <http://w3lif.org/index.php?action=meetings>) Room 121. Registration at 6:30 pm and testing at 7 pm. Technician, General, and Extra class exams will be available.

If you want to take a test for a new license or an upgrade, this is an excellent opportunity to do so. And if you know of anyone else who wants to either get licensed or upgrade, let them know as well.

Please note: this is our only exam session scheduled during the week. (BC3 is not available during the summer on the weekends.) After this exam session, MCARC will offer exams on the 2nd Saturday of the odd numbered months, with registration at 9:30 am and testing at 10 am. For more information, contact one of the people listed below.



Michael S. Varga, NR3C - MCARC VE Team Liaison - 724-813-9412 - mcarc.ve@gmail.com
Linda S. Yankovich, N3LY - MCARC VE Team Contact Person - 724-813-2889 - mcarc.ve@gmail.com

Happy Birthday PCARS Members

PCARS members having a birthday in July:

KD8QEI	Valeri	Karl	N8HUC	Karen	Andrews
W8PT	Chuck	Patellis	KD8QEJ	John	Adams
AC8QG	Nicholas	Wagner	GOBPS	Dick	Pascoe
N8FTP	Larry	Cole	AB8IE	Ken	Westover
KB8JFF	Dick	Ward	N8ZPS	Brian	Gardner
N4PKW	Rod	Thompson	KD8EPA	Dan	Porcase
WB9LBI	Bill	Fraedrich			

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/>



OSPOTA Yahoo Site

Looking for the latest information on the upcoming Ohio State Parks On The Air contest? Check out the OSPOTA Yahoo group at:

<https://groups.yahoo.com/neo/groups/OSPOTA/info>

There are all kinds of activities going on and people are setting up their schedules in the Ohio State Parks. Make sure you are ready for the PCARS sponsored, 2014 Ohio State Parks On The Air contest - September 6, 2014.



Contest Calendar

July 2014	
RAC Canada Day Contest	0000Z-2359Z, Jul 1
Venezuelan Ind. Day Contest	0000Z, Jul 5 to 2359Z, Jul 6
Marconi Memorial HF Contest	1400Z, Jul 5 to 1400Z, Jul 6
DARC 10-Meter Digital Contest	1100Z-1700Z, Jul 6
IARU HF World Championship	1200Z, Jul 12 to 1200Z, Jul 13
North American QSO Party, RTTY	1800Z, Jul 19 to 0559Z, Jul 20
CQ Worldwide VHF Contest	1800Z, Jul 19 to 2100Z, Jul 20
RSGB IOTA Contest	1200Z, Jul 26 to 1200Z, Jul 27

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

Callsigns for WRTC2014 Competition Announced

WRTC 2014, Inc., host of the 2014 World Radiosport Team Championship competition, is pleased to announce the callsigns that will be used by the 59 teams competing in the event. The WRTC competitors will use 1×1 callsigns from the USA first call area. Sixteen of the available 75 callsigns will not be used, including the longest and shortest CW suffixes (“J”, “Q”, “Y”, “E”) and suffixes that are frequently miscopied on CW (“H”). Note that the “X” suffixes are not available in this callsign series.

“We wanted to have calls for the teams that were distinctive and fun,” said Doug Grant, Chairman of WRTC2014. “This will make it easy for those chasing the WRTC2014 teams to identify them. It also provides a connection back to WRTC-1996 in San Francisco, which was the first time that 1×1 calls were used in the United States.”

Following the tradition of previous WRTC events, teams will not know the callsign they will use until the referee hands them a sealed envelope just 15 minutes before the contest begins. This puts all teams at an equal starting point and helps maintain the anonymity of the teams. Participation awards are available for anyone who works a WRTC2014 team during the competition. These include QSL cards, awards for working all 59 teams, and awards for working teams on the most band-modes. Contacts with the WRTC2014 teams will count 5 points in the ARRL Centennial QSO Party. Full information on the available awards can be found at <http://www.wrtc2014.org/competition/participation-awards/>

Fifty-nine (59) teams of top amateur radio contest operators from 38 countries will travel to the New England area July 8-14, 2014 to compete in WRTC2014. Participation is based on qualifying scores posted in major contests between 2010 and 2014. A group of referees and judges, themselves well-known contest operators, will oversee the competition and confirm the results.

(see <http://www.wrtc2014.org/competition-callsigns/> for a check list of call signs).

About WRTC 2014

The World Radiosport Team Championship (WRTC) is held every four years and consists of 50+ two-person teams of amateur radio operators from around the world competing 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, eliminating all variables except operating ability. Previous WRTCs have been held in Seattle (1990), San Francisco (1996), Slovenia (2000), Finland (2002), Brazil (2006), and Russia (2010). More information is available at www.wrtc2014.org or contact WRTC Chairman Doug Grant, K1DG, via e-mail at k1dg@wrtc2014.org.



EmComm

There are some great opportunities to help the community with your expertise in ham radio communications. These upcoming events help not only the community, but help you keep sharp in you Amateur Radio skills as well.

Many of the communication problems that can arise during a public even can mirror what might occur when a disaster strikes. Unplanned power outages, failure of normal communication methods, relaying critical information, assisting in getting or directing emergency personnel where needed and more - these can all happen during a community event.



Please, take the opportunity to volunteer for one (or more) of these events. The time you provide helping with these events is well spent.

Upcoming events and points of contact include:

July 12 th	Headwaters Adventure Race
August 2 nd	Kent Black Squirrel Triathlon
August 24 th	Bellefaire JCB Biathlon and Walk
September 6 th	Mantua Potato Stomp

Rick, K8CAV, k8cav@portcars.org
Mike, KD8FLZ, kd8flz@portcars.org
Mat, KC8NZJ, kc8nzj@gmail.com
Jim, KC8PD, kc8pd@portcars.org

73,

Jim, KC8PD/AAR5AI

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

BIG Thank You

I want to take this opportunity to give a big THANK YOU to Gene Marsh, W8NET. I can't get around or bend over like I used to (we're all getting older...).

Gene came over and fixed my 5-BTV vertical so I could get back on the air again. Gene was here on two days and spent about 9 hours getting the antenna to work again. So, **hats off and a BIG THANK YOU to Gene, W8NET**. Your help is very much appreciated.

Carl, N4IT



Portage County Parks Headwaters Adventure Race Public Service Event

On July 12th the Portage County Parks will be holding their annual Headwaters Adventure Race in Mantua and Hiram townships in Portage County. The race consists of three events, a 2 mile run, a ten mile bicycle, and a 5 mile canoe. The race starts at 8:00 AM and ends at 12:00 PM.

We need radio operator volunteers at various points on the course, a NCS, and someone comfortable in a canoe to help Mike KB8TUY in the canoe sweep vehicle.

Please contact Rick, K8CAV at k8cav@portcars.org if you can help! Also, don't forget about other upcoming public service events that need volunteers.

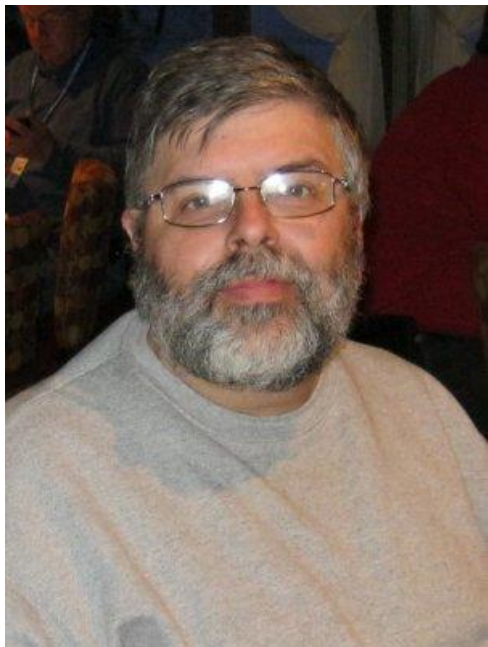


73,
Rick, K8CAV

PCARS Webmaster - John, KD8MQ is appointed ACC

NEWEST MEMBER OF THE OHIO SECTION CABINET

I want to introduce you to the Ohio Section's newest Affiliated Clubs Coordinator (ACC). John Myers, KD8MQ. John Myers, KD8MQ lives in Alliance, and is the current Vice President, and former President of the Alliance Amateur Radio Club. He is also editor of the club newsletters; the Zero Beat (an Ohio Section Newsletter Contest Winner), and the Monday Morning Message.



John has taught licensing classes, and is the former chairman of the clubs field day effort. John is a member of PCARS, where he is one of the Board Members for the Ohio State Parks On The Air Contest. He's also their webmaster. Licensed in 1980, John holds an Extra class license. He holds an associate degree in Computer Science, and enjoys writing, & maintaining websites, when he is not "playing radio".

John was a self-employed Electronic Technician for 21 years, but currently is a traffic signal & lighting technician with the City of Canton. John enjoys contesting, portable HF operation, fox hunting, and awards chasing. He has been married for 17 years to his wife, Lyn, who generously allows him to share their home with her, and their three cats.

Let's all congratulate John on his new position.

From the Ohio Section News

Hamfest Calendar

07/12/2014 - 20/9 ARC Tailgate and Hamfest 2014 - Location: Austintown Senior Center - 112 Westchester Drive - Austintown, OH - Website: <http://www.20over9.org> - Public Contact: Dorothy O'NeilMeleski , KC8SYF - 17520 Denver Drive Lake Milton, OH 44429 - Phone: 330-651-8420 - Email: KC8SYF@gmail.com

07/12/2014 - 2014 NW PA HAMFEST - Location: Greene Township Municipal Building - 9333 Tate Road - Erie, PA 16501 - Website: <http://www.wattsburg-wireless.us/hamfest.htm> - Public Contact: Richard Quinn , KB3ZVH - 419 Oregon Avenue, Apt. 6 Erie, PA 16505 - Phone: 814-838-3118 - Email: quinnr49@msn.com

07/19/2014 - NOARSFEST - Location: Lorain County Community College, Spitzer - Conference Center - 1005 North Abbe Rd - Elyria, OH 44035 - Website: <http://NOARS.net> - Public Contact: Darlene Ohman , KA8VTS - 4122 Bush Ave. - Cleveland, OH 44109 - Phone: 216-398-8858 - Email: dohman@roadrunner.com

08/02/2014 - Columbus Hamfest/Ohio Section Conference - Location: Aladdin Shrine Center - 3850 Stelzer Road - Columbus, OH 43085 - Website: <http://www.columbushamfest.com> - Sponsor: Voice of Aladdin Amateur Radio Club (W8FEZ) - Public Contact: Jim Leonard , WD8MRT - 37-B Noble Terrace Springfield, OH 45504 - Phone: 614-264-8566 - Email: wd8mrt@arrl.net

08/17/2014 - Warren ARA's Annual Hamfest & Computer Show - Location: Trumbull County Fairgrounds - 899 Cortland Everett Hull Road - Cortland, OH 44410 - Website: <http://www.w8vtd.org> - Public Contact: Jacqueline Williams , N8JMW - PO Box 809 Warren, OH Attn: Hamfest - Phone: 440-636-2806 - Email: warrenhamfest@gmail.com

08/24/2014 - Western Pennsylvania Section Convention - Location: Skyview Radio Society Campus - 2335 Turkey Ridge Road - New Kensington, PA 15068 - Website: <http://skyviewradio.net> - Public Contact: J Patrick Cancro , NK3P - c/o Skyview Radio Society 2335 Turkey Ridge Road New Kensington, PA 15068 - Phone: 724-309-6304 - Email: jpc2@psu.edu

09/07/2014 - Butler County Amateur Radio Association SwapFest - Location: Unionville Fire Department - 102 Mahood Road - Unionville, PA 19375 - Website: <http://www.w3udx.org> - Public Contact: Rick Melton , N3VKM - 214 Criley Road Cabot, PA 16023 - Phone: 724-287-8134 - Email: N3VKM@arrl.net

09/07/2014 - Findlay Radio Club - Findlay Hamfest - Location: Hancock County Fairgrounds - 1017 East Sandusky Street - Findlay, OH 45839 - Website: <http://www.w8ft.org> - Public Contact: Bill Kelsey , N8ET - c/o Findlay Radio Club PO Box 587 Findlay, OH 45839 - Phone: 419-423-3402 - Email: n8et@woh.rr.com

09/28/2014 - CLEVELAND HAMFEST AND COMPUTER SHOW - Location: Cuyahoga County Fairgrounds - 164 Eastland Road - Berea, OH 44017 - Website: <http://www.hac.org> - Public Contact: Glenn Williams , AF8C - 513 Kenilworth Road Bay Village, OH 44140 - Phone: 440-835-4897 - Email: af8c@arrl.net

10/05/2014 - 2014 Conneaut ARC (W8BHZ) Hamfest - Location: American Legion Hall Cowle Post 151 - 272 Broad Street - Conneaut, OH 44030 - Website: <http://qsl.net/w8bhz/> - Public Contact: J Michael Pongrass , KD8OSJ - PO Box 693 - 698 Harbor Street Conneaut, OH 44030 - Phone: 814-440-6679 - Email: kd8osj@yahoo.com

11/02/2014 - Massillon ARC Hamfest - Location: Massillon Boy's & Girl's Club - 730 Duncan Street SW - Massillon, OH 44646 - Website: <http://www.w8np.org> - Public Contact: Terry Russ , N8ATZ - 3420 Briardale Drive NW Massillon, OH 44646 - Phone: 330-837-3091 - Email: truss@sssnet.com

20/9 ARC Hamfest Returns to Youngstown July 12th

The 20/9 Radio Club (K8TKA) will be having its second hamfest at the Austintown Senior Center Saturday July 12th, FREE ADMISSION, Indoor and Outdoor spaces are only \$5 each, first come first serve on the indoor ones. The facility is clean and working, three large rooms, two set of restrooms, and WiFi will be available for those with Card readers. Our website is <http://www.20over9.org> we have Paypal links for reserving your spaces.

In the past the 20/9 held the event at the Canfield Fairgrounds, and then eventually moved to what is now the Mahoning County Career and Technical Center, rising costs made the risk too great for the returns along with a lot of work for some. We went on a hiatus for ten years and with the passing of long time chairman Don Stoddard KI8SS previously N8LNE, but with our new meeting location and the full support of the building management we could offer a hamfest that had low costs and drew in more people who might not normally come out to an electronic swapmeet.

20/9 Radio Club Hamfest/Tailgate Electronics & Computer Show 2014 Saturday July 12, 2014 8AM till 1PM at the Austintown Senior Center 112 Westchester Dr. Austintown, Ohio 44515

****FREE ADMISSION****

****License Testing
Available at 8:30 AM****

****HAM ONLY Prizes****

****50/50 Drawing****

Tailgate & Inside: \$5.00 per space
Outside spaces will be available if weather permits

6ft & 5ft tables available on first come, first serve pre-registration basis- You may also bring your own table if you prefer!

**** ALL AIR CONDITIONED BUILDING- FULL HANDICAP ACCESSIBLE- WIFI AVAILABLE****

FABULOUS
Food and Beverages will be available for purchase during the entire event
Provided by the Austintown Senior Center

HAMFEST PRIZES

- 1st- Dual Band Hand Held Radio
- 2nd- Dual Band Hand Held Radio
- 3rd- \$50.00 ARRL Gift Certificate
- 4th- \$50.00 ARRL Gift Certificate
- 5th- \$25.00 ARRL Gift Certificate
- 6th- \$25.00 ARRL Gift Certificate
- 7th- Digital Multi-Meter

MORE TO BE ADDED

PRIZE TICKETS WILL BE SOLD THE DAY OF THE EVENT - WINNER NEED NOT BE PRESENT

Half Hour Prize Drawings

Courtesy of:



FORUMS

ARES

FLDIGI

GO KITS

ARRL SANCTIONED HAMFEST



We are still growing come out and join us 7PM at 112 Westchester Drive second Tuesday of every month.

73,
George Meleski, KC8RJS
20/9 ARC President

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! Don't forget - 4th Thursday is NET NIGHT at the club site !!



July	
3	WB8LCD
10	KB8UUZ
17	N8QE
24	KB8UHN
31	WB8LCD

September	
4	WB2DFC
11	KB8UHN
18	KC8PD
25	WB8LCD

August	
7	N8RLG
14	KD8FDK
21	NR8W
28	KB8UUZ



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!

Swap-N-Shop

FOR SALE: Andrew 2.4GHz (wi-fi) window antenna, new in box, QD-2327SM10-1, \$25

FOR SALE: LDG Z-11Pro II auto tuner, new in box, \$100

FOR SALE: Garmin StreetPilot 1350T GPS, used, in box, \$45

FOR SALE: Microham USB interface (current production model), with cable for Kenwood TS-480 series, \$75

FOR SALE: West Mountain Radio Plug&Play soundcard interface, in box \$75

FOR SALE: LTG AT-600 Pro auto tuner, slightly used, in box, \$225

FOR SALE: Kantronics KPC III-Plus TNC, used only for testing, in box, \$125

FOR SALE: MFJ Universal Microphone Adapter, MFJ-1251, \$10

FOR SALE: TenTec RF speech processor, model 715. \$150

Contact Rick, K8GI by e-mail at: K8GI@portcars.org [10/02/14]

FOR SALE: Swan 1500Z Amplifier - Power is set up for 220 VAC, can be changed over to 110 VAC very easy. Two 572B tubes. In good working condition. Non-smoking shack. Comes with manual - \$500.00

Contact Bob, W8JFQ at 336-707-7148 or by e-mail at: davet101@roadrunner.com [10/02/14]

WANTED: Apple Brand Wall Charger. For the Apple 3G, 3GS, 4 or 4S. No knock offs. Want the real thing so I can get cluster info and QRZ working on my smart phone.

Contact Bucky, N8OQQ at N8OQQ@portcars.org [10/02/14]

FOR SALE: MFJ-269 Antenna Analyzer - 1.8-170 & 415-470 MHz - with MFJ-1312 Wall Adapter - \$275

FOR SALE: Astron SS-30 M power supply with meters - \$100

Contact Tom, KB8UUZ at KB8UUZ@portcars.org [10/02/14]

WANTED: Two (2) PCARS coffee cups. I accidently broke the ones I had..... My morning coffee just isn't the same without a PCARS cup.

Contact Al, WA8CCU at WA8CCU@portcars.org [09/02/14]

FOR SALE: Palstar antenna tuner Model AT1KP - Excellent condition: \$160 pick up only

Contact Paul, NC8T at NC8T@hotmail.com or call 330-704-9106 [07/02/14]

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



Some Words from Weaver

ARRL Initiates Online Practice Exams

The ARRL has launched a new online resource that allows users to take randomly generated practice exams using questions from the actual examination question pool. ARRL Exam Review for Ham Radio™ is free. Users do not need to be ARRL members. The only requirement is that users must first set up a site login (this is different and separate from any ARRL website login the user may have).

“The ARRL’s online Exam Review is designed to help license examination candidates review their progress as they study,” said ARRL Marketing Manager Bob Inderbitzen, NQ1R. “As you complete a chapter or section of a license manual, you can turn to the online program to review all of the related questions taken directly from the examination question pool. After answering each question — right or wrong — the correct answer is shown, and a page reference to the license manual is displayed for further review.”

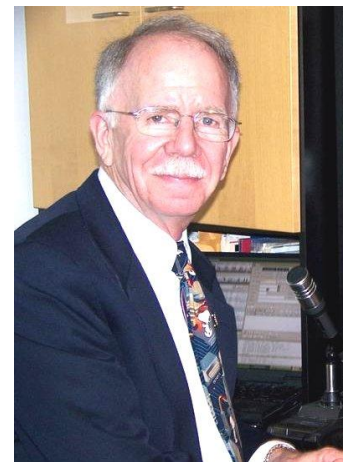
This, of course, is not the only online test examination service available, but it adds still another dimension to the ARRL services available to amateurs and people studying for an Amateur Radio exam.

From ARRL

Dale's Tales for July

In a couple of weeks, many of us will be converging upon Hartford and Newington for the National Convention of our ARRL. It is a huge celebration of our 100th anniversary and certainly an event one should not miss. Visit: <http://www.arrl.org/convention-forums-and-presenters> for a listing of the forums and the schedule. These programs are top notch with the experts in the field making the presentations. Checking various site links from the ARRL home page will allow you to examine the Youth Programs and all of the other convention-related events. Time is short, you can register on-line, head out and enjoy the National Convention.

The Field Day Safety article on page 70 of the June QST is a good reminder to never overlook the importance of safety at our Field Day sites. Operators and visitors alike need to be kept aware of the urgency of site safety. Taking a short-cut to save time could be a life-endangering mistake. I do hope that everyone enjoyed a safe and secure Field Day operation and contacts were at all time high numbers.



73, see you on the bands.

Dale Williams, WA8EFK
Vice Director, Great Lakes Division

Scott Yonally, N8SY Returns as Ohio Section Manager

Ohio Section Manager Scott Yonally, N8SY has been elected to a full two-year term as Section Manager. His election to the office was uncontested; therefore, he is declared elected.

Scott had been appointed effective January 1, 2014 to succeed former Ohio Section Manager Frank Piper, KI8GW who resigned to meet increased work demands. Scott has been doing a fine job in managing ARRL operations in the Section. His new term in office begins October 1. It will end September 30, 2016.

Congratulations, Scott.

Activities for Young and Wanna-be Hams featured at ARRL National Convention

The ARRL National Centennial Convention July 17-19 in Hartford, Connecticut, will include a variety of activities aimed at young and prospective hams. These activities will include two youth forums, a hidden transmitter hunt, a scavenger hunt and the Youth Radio Lab. Focused on younger and would-be amateurs, the ARRL Discovery Station in the ARRL exhibit area in the Exhibition Hall will appeal to the interests of visitors of all ages.

"The Discovery Station will have a range of hands-on exhibits to help visitors to understand the basics of radio waves, and projects that young operators can explore in the world of exciting world of Amateur Radio" said Tommy Gober, N5DUX, who will head up the ARRL Discovery Station team. "Stop by the Discovery Station to discover the different parts of what makes up a radio wave, try out some of the electronic kits available through the Education & Technology Program (ETP), and get inspired to create something of your own."

Gober said the Discovery Station will feature some of the robots developed by ARRL Teachers Institute participants, as well as a CubeSat simulator, and an audio-frequency oscillator with an oscilloscope display and speakers — to help visitors understand the relationship between amplitude and frequency. Visitors will be able to change these relationships by moving their hands over a sensor. "We'll also have two different-sized coils to stretch or shrink to demonstrate the relationship of coil size and spacing on inductance." Gober added. "Essentially, [we'll offer] stimulating, hands-on things for visitors to do."

"Visitors do not need to be Amateur Radio licensees to attend the convention, but registration is required for all attendees, including youth. Two-day tickets (Friday and Saturday) are free for those who are age 21 or younger. Advance registration is recommended."

For details about youth activities, go to:

<https://www.regonline.com/builder/site/Default.aspx?EventID=1248082#youth>

From ARRL

W1AW/p Stations: How do They Come About?

Amateurs tell me that contacting the W1AW/p stations from each state and US territory, and on each band, is the best part of the year-long ARRL Centennial Party. On the other side of the coin, I've spoken with many amateurs who have been operators at a W1AW/p station and been told this was one of the greatest experiences they have ever had in Amateur Radio. In short, the roving W1AW has proven to be a real blast for everyone involved! But, how are the operators of these portable stations selected?

The first step in identifying W1AW/p operators is for staff at HQ to select an amateur from the state or territory to head one of the operations. Typically, the person selected has a proven track record of quality operating under Contest or DX pileup conditions. The reason for this is that each W1AW/p station generally is inundated with calls during the first several days it is on the air. Skill in managing hoards of stations calling at the same time is critical to the success of the portable operation.

Once the coordinator for a portable operation has been selected, he or she must determine the best way to fill the time slots the station will need to be on the air. Taken to the extreme, for an operation to be active on eight bands simultaneously, 24 hours a day for 7 days, the coordinator will need to fill 1,344, 1-hour time slots. To this, add four operating modes (CW, SSB PSK-31, RTTY) which brings the number of cooperator-time hours to

5,376. Using an ideal two operators on each hour slot, the total of operator hours jumps to 10,752. Obviously, all eight of the bands will not be open 24-hours/day, so these extreme numbers will not be needed. Regardless, the number of operators needed to put eight bands using multiple modes on the air for a week is rather great.

Working from the number of operator-hours that are needed to be filled, the coordinator might next determine if the operation needs to be spread throughout the entire state, or if there is a sufficient density of amateurs in one locality to get the job done. Oh, and one more thing. How many stations are there that can do the job of giving W1AW/p QSOs out effectively in pileups? As much as many hams love to operate QRP, I don't think that using a QRP station with a long-wire antenna would generally be very effective. Strong stations are probably the best for most modes and situations.

I don't pretend to know the best answer to all the questions a portable coordinator faces. What I think I know is that a few of the portable operations that have taken place so far this year have used truly awesome, single station sites that boast several operating stations -- top-of-the-line club contest stations. In most instances; however, operations have been spread throughout much or all of a state to utilize most effectively the resources of operators and equipment that are available to achieve the greatest results.

Merely thinking about this casts a new light on how one might want to answer the question, "Do you want to get a group of guys together to operate W1AW/p for a week?"

Fortunately, the amateurs who have answered this question "yes" have done a great job of coordinating the staffing and operation of their W1AW/p charges.

Closing Item for the Day

Over the past several years, I have received many questions concerning any action the FCC may take regarding the operating activities of Glenn Baxter, K1MAN. Of course, I had no more insight into the Commission's thinking than anyone else. FCC has now spoken.

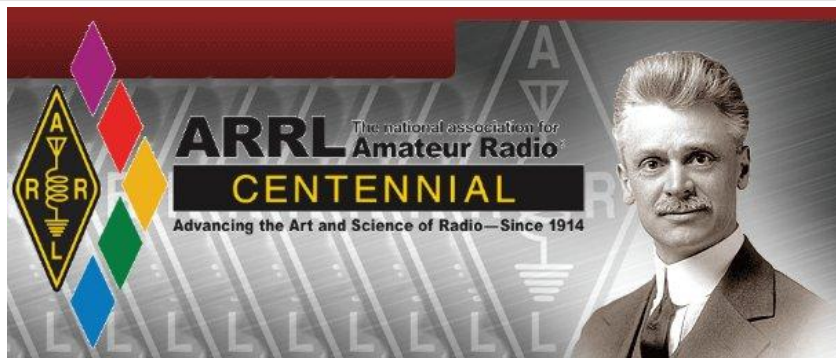
Mr. Baxter's application to renew his license has been denied. This denial came as routine action and can be seen at

<http://wireless2.fcc.gov/UlsApp/ApplicationSearch/applMain.jsp?applID=3052669>.

In addition to the opening screen, there is an attachment that can be read by clicking on the "Attachment" link.



Jim Weaver, K8JE
Director, ARRL Great Lakes Division



Ohio Amateur Radio Plates

Just a reminder - when you apply for, or renew your Amateur Radio Plates you now have to supply a copy of your current FCC license. This changed a while back, but not everyone has gotten the word. This is from the Ohio BMV web site (http://www.bmv.ohio.gov/sp_amateur_radio.stm):

General Information

Owners or lessees of motor vehicles who are residents of Ohio and hold an unrevoked and unexpired official amateur radio station license issued by the Federal Communications Commission may apply for these plates. The official call letters will be the license plate numbers. There are no options.

Registrant Eligibility

Owner must submit a copy of the un-revoked and unexpired official amateur radio license issued by the Federal Communications Commission. (FCC).

Title Requirements

Ohio Certificate of Title issued in the same name as the FCC license, either singly or jointly, or the name on the FCC license is the same name on the lease agreement.

Vehicle Information

These plates may be issued to passenger vehicles, non-commercial trucks, recreational vehicles, house vehicles and non-commercial trailers.

Type of Plates

Plates will be manufactured with the FCC license.



Issuance Information

Amateur Radio plates cannot be issued with system assigned, reserved, or personalized plate formats.

Renewal of plates can be done at your local Deputy Registrar or by mail using their renewal notice. Amateur Radio License Holders must provide a copy of their current unexpired and unrevoked official amateur radio license issued by the Federal Communications Commission (FCC) at the time of any type renewal transaction.

All plates will be mailed directly to the address on your registration card unless customer requests otherwise. The deputy will issue your registration card, stickers and provide you with a permit which will allow you to operate your vehicle while your plates are being manufactured.

Special license plate applications are available at all Deputy Registrar license agency locations or can be downloaded HERE (<http://publicsafety.ohio.gov/links/bmv4705.pdf>).

Cost

These plates cost an additional \$10.00 annually plus the normal registration fees. The fee is determined by Ohio Revised Code section 4503.14.

So, make sure you have a copy of your FCC license available. I put the latest BMV form (April 2014) on the PCARS Yahoo Site, or you can download the PDF by using the link listed in the info from the BMV.

Tom, KB8UUZ

Visit to the K3LR Contest Station

Ten PCARS members made the trip on May 31st to the K3LR Super Contest Station located in West Middlesex, PA - just over the Ohio/PA boarder: Eddie - KD8SOP, Rich - AF1K, Bryan - N8OQQ, Ruben - K5RDL, Rich - KD8FDK, Chuck - W8PT, Mark - K8MSH, Parky - KB8UUZ, James - KD8VT and Jennifer - KB3GXB.

I met up with Mark, K8MSH at Quaker Steak and Lube, Lorraine didn't show up & Mike KC8UNR decided not to go. Two vehicals came from the PCARS Club Site with KD8SOP, AF1K, N8OQQ, K5RDL and W8PT and one truck had KD8VT & KB3GXB. We all met at K3LR at about 0945.



Tim, K3LR

The weather was perfect, the ground was dry, so walking around the 11 acre antenna farm was great. Tim, K3LR stopped at each antenna system and explained what all that aluminum was. The towers are really impressive.

Following the outside tour we all went inside to see the operational end of the K3LR Contest Station - one word - **FANTASTIC**. All that gear (Amplifiers, Radios, Rotator Controls, Antenna Selectors, Computers and more) packed into a very nice room was really something to see. The tour lasted until about 1130 and we all went to Quaker Steak & Lube in Sharon, PA for lunch. A good time was had by all.

THANK YOU Tim, K3LR !!

Tom, KB8UUZ

(See some of the pictures from K5RDL, K8MSH, KD8FDK and KB8UUZ in this newsletter).



Ohio Section Emergency Coordinator Update

After much consideration I have determined that a different approach to our ARES[®] program is needed. Along with a different approach I also feel a new Section Emergency Coordinator is needed.

Effective today June 24, 2014 I have asked our current Section Emergency Coordinator (SEC), Matt Welch, W8DEC to step down. I appreciate Matt's past service for the Section.

As a temporary measure, I ask that all EC's / DEC's and ASEC's maintain their normal routines and reporting during the process of filling the SEC position.



73,

Scott Yonally, N8SY
ARRL Ohio Section Manager

Changes to Part 97 Rules

Changes to Amateur Service Part 97 Rules **Go Into Effect on July 21**. The FCC's recently announced revisions to the Part 97 Amateur Radio rules governing exam credit to former licensees, test administration, and emission types will go into effect on Monday, July 21. In a wide-ranging Report and Order (R&O - http://transition.fcc.gov/Daily_Releases/Daily_Business/2014/db0609/FCC-14-74A1.pdf) released June 9, the Commission announced that it would grant examination credit for written elements 3 (General) and 4 (Amateur Extra) to holders of "expired licenses that required passage of those elements." The FCC will require former licensees falling outside the 2-year grace period to pass Element 2 (Technician) in order to be relicensed. The Commission declined to give exam credit to holders of expired Certificates of Successful Completion of Examination (CSCEs) or to extend lifetime validity to CSCEs.



The FCC also embraced the use of remote testing methods, allowing volunteer examiners and volunteer examiner coordinators "the option of administering examinations at locations remote from the VEs." The National Conference of Volunteer Examiner Coordinators (NCVEC) in 2002 endorsed experimental use of videoconferencing technology to conduct Amateur Radio testing in remote areas of Alaska. The Commission dropped its earlier proposal to permit two VEs to administer exams; the requirement remains at three VEs. The Commission did not spell out the "mechanics" of remote testing, however, which it said would "vary from location to location and session to session." VEs administering examinations remotely must grade such examinations "at the earliest practical opportunity," rather than "immediately," as the current rule for conventional exam sessions requires.

The FCC also adopted an ARRL proposal to authorize certain Time Division Multiple Access (TDMA) emissions in the Amateur Service. The Wireless Telecommunications Bureau in 2013 granted an ARRL request for a temporary blanket waiver to permit radio amateurs to transmit emissions with designators FXD, FXE, and F7E, pending resolution of the rulemaking petition. That waiver becomes permanent on July 21.

The Commission also made "certain minor, non-substantive amendments" and corrections to the Amateur Service rules.

From the ARRL

Field Day 2014

Since this month's newsletter was sent out the day before Field Day - a full report and all the information on Field Day 2014 will be in the August issue of The RADIOGRAM.



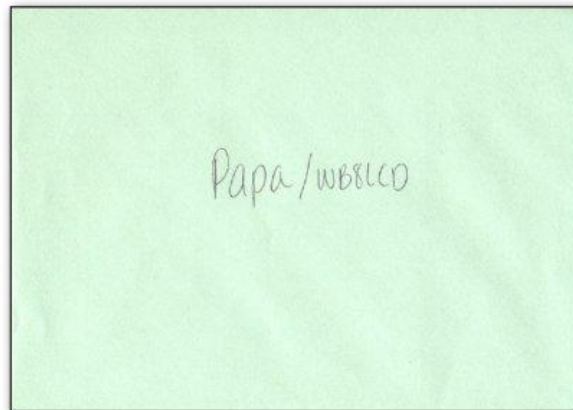
Father's Day Card

I had to share this special card with you.

My kids and grand kids gave me a very nice card for Father's Day. What I really thought was nice is how they put my name on the envelope.

I guess they know I like being an Amateur Radio Operator.

Tom, WB8LCD



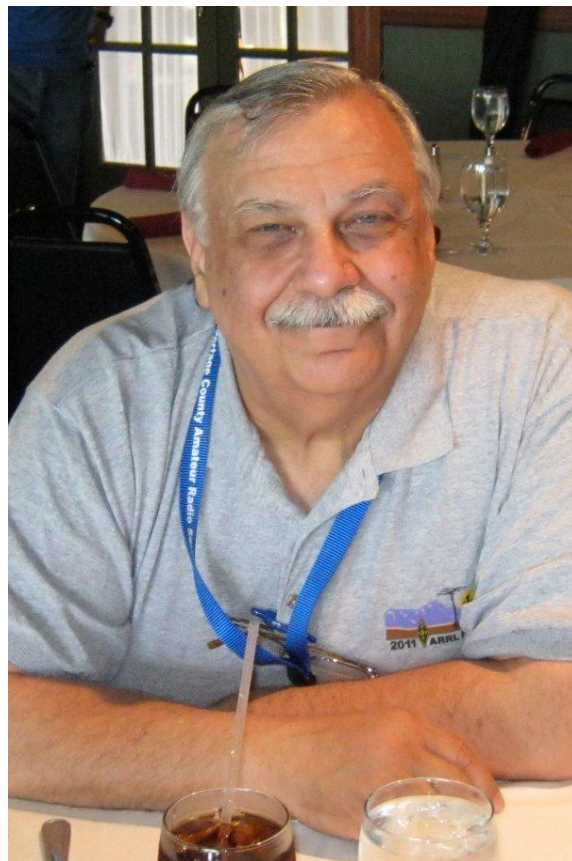
Charlie the Tuner's HF High-Lites

Hello and Happy Fourth of July from Parkman. Field Day is now history and since I am writing this before Field Day, I am hoping that all went well.

Since my birthday is on the Fourth, I want to thank everyone for celebrating it. And no I am not 238 years old, but there are some days..... Anyway, I have not yet crossed the age 70 Rubicon yet. But I am getting darn close. I certainly will not be climbing towers anymore since my legs can't take the strain.

Some of the time that I have wanted to devote to HAM radio, has been taken up by the church that I help pastor. One of my long time fellow pastors is moving to Columbus so that he and his wife can be closer to their kids and grand kids. The other pastor is now 73 and has decided that he'd like to step back. So that leaves me. Since I have always been in a shared leadership role, I am uncomfortable in being a one-man show. So we have been testing the waters, so to speak, looking to see if there is another pastor that can join us to at least have two individuals to share the load. It has meant a lot of long meetings that takes me away from doing other things. Since the welfare of the congregation is very important, it has to come before my hobbies. But I trust that it will work out – Lord willing and the creek don't rise.

Enough of that. The bands have been confusing at best. There have been openings on 6 and 2 and 10 meters seems to be dead most of the time. So I would suggest that you give 6 meters a listen now and then, especially if you can hear some of the beacons out west. You will be surprised of the activity on 6 during the summer months.



There are also quite a few IOTA activations coming up for those who have only a few DXCC entities to go and are looking for some challenges in other forms. IOTA is one place where you can find some rare DX even

though they may not add to your DXCC list. With the RSGB IOTA Contest coming up July 26-27th, there should be loads of opportunity to work some rare islands. So let's take a look at what will be coming up in the next few months.

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's 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. I also want to thank the Radio Society of Great Britain (RSGB) for some reports.

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).

VE4 Special Event - In July of 1914, Sigurjon Isfeld traveled Gimli, Manitoba, Canada to England to deliver 100 Canadian husky dogs to Sir Shackleton for his Imperial Trans-Antarctic Expedition. VE4XSI will be commemorating the contribution Isfeld made to the expedition with a special event station and QSL card. The station will be operational from **Gimli, Manitoba** from July 26 to Aug 4 as operator conditions dictate. Look for the station on 7.2, 14.250, 21.250, and 28.350 MHz as band conditions allow. For more info, check out VE4XSI on QRZ.com.

Worked All Britain Award – To commemorate the Commonwealth Games being held in Scotland this year, members of the Worked All Britain Awards Group will be activating an event station each day from Jul 23 to Aug 3 from various locations in Scotland. An award will be made available for working the station on 3, 6, and 9 different days during this period, which will be endorsed Bronze, Silver or Gold respectively. Awards may also be endorsed for any band or mode. More than one certificate may be claimed if applying for different bands or modes. These certificates will reflect the highest stage achieved for that endorsement. Full details can be found on the WAB website at www.worked-all-britain.org.uk. There is a cost for the certificates.

2014 N7QT DXPEDITIONS (Update). Rob, N7QT, who was active as HK0/N7QT in April, has updated his coming activities for this year and next on QRZ.com which include the following locations:
September 18th-October 2nd -- **Christmas Island**, Australia (VK9X); active on 80-10m CW, SSB and Digital modes.
October 3-13th -- **Austral Islands**; callsign TX5D; holiday style DXpedition; 80/40m using CW and SSB; see OPDX.1125
January 2015 -- **Montserrat** (VP2M); 80-10m using CW, SSB and the Digital modes. QSL via his home callsign, direct (SASE, IRC OR 2 USDs), LoTW, eQSL or by the Bureau.

4W, TIMOR LESTE. Another operator has announced that he will be going to Timor Leste. Adhi (Bimbo), YB3MM, a member of MDXC #021, will be active as 4W/NB3MM from Dili between July 31st and August 5th. Activity will be on 30/20/17/15/12 meters using mainly SSB with some CW and PSK31. QSL via IZ8CCW (direct, by the Bureau or OQRS) or YB3MM (direct only). Please DO NOT send to NB3MM, the W Bureau or YB Bureau. For more details and updates, watch: <http://www.mdxc.org/timorleste2014>

5N, TANZANIA. Flavio, IW2NEF, will be active as 5H1NE (pending) from Zanzibar Island (AF-032) between July 22nd and August 6th. Activity will be holiday style on the HF bands using SSB only. QSL via IK2DUW.

6V, SENEGAL. Heinz, DO3MY, will be active as 6V1W from Point des Almadies, Dakar, between the months July and September. Activity will be on the HF bands. QSL via his home call sign.

9N, NEPAL. Joël, F3CJ, is planning a Mountain Manaslu trek in Nepal between Sept 23rd and Nov 5th. He will operate from the following areas: Sept 24-Oct 6 -- Kathmandu; Radio activity October 7-23rd -- Ascension Manaslu (8164 meters); Mountain activity Oct 24-Nov 4 -- Kathmandu; Radio activity. His call sign is pending, and he has requested 9N7CJ. QSL via F3CJ. For more details and updates, visit his blog at: <http://f3cjnepal.wordpress.com>

CY0, SABLE ISLAND (Press Release). [edited] While the event is still in the planning stages, Murray, WA4DAN, has received permission from Parks Canada for a 1-day DXpedition to CY0 Sable Is., slated for Sept 8, 2014. The second operator will be Randy, N0TG, also a veteran DXpeditioner with prior experience on Sable Island. They will be using the Sable Island Amateur Radio Station that he and the CY0P team left behind after their venture as CY0P in October 2013. Murray will be QRV on SSB and Randy on CW. Antennas expected: 17m & 20m Yagis. At least one of the two stations will be QRO. With luck, the DXpedition (proposed callsign CY0C) will operate from approximately 1300-2100z on Sept 8. Gary, VE1RGB, will be the QSL manager for CY0C.

E5, SOUTH COOK ISLANDS (IOTA Op). Andy, AB7FS/E51AND (and his XYL Kathy) moved to Rarotonga Island (OC-013). Look for Andy, E51AND, active from **Mitiaro Island** (OC-083) July 15-18, in the South Cook Island group. Activity on the HF bands CW & SSB. QSL direct to: Andy Duncan, Box 518 Avarua, Rarotonga, South Cook Islands.

E5, SOUTH COOK ISLANDS. Joel, K2QBV, will be active as E51QBV from **Rarotonga Island** (OC-013) between July 8-21st. South Cook Island is the second phase of his summer 2014 vacation with New Zealand (K2QBV/ZL) being the first. Joel states, "The E51 SOUTH COOK operation (E51QBV) is NOT a DXPEDITION but a vacation for my wife and myself while still enjoying amateur radio and visiting friends along the way." So look for his operations to be limited. Equipment: Yaesu 756 Pro, Ameriton AL1200, Tennadyne T7 log or a KLM 4 element on 20m. The tower is at 70/80 ft. If you worked Joel on SOUTH COOK and desire a QSL card, send a card to his home QTH with a SASE.

FP, ST. PIERRE and MIQUELON. Operators Gerhard/OE3GEA and Oliver/OE5OHO will be active as FP/home call from Miquelon Island (NA-032) between July 16-22nd. Activity will be holiday style on 40-10 meters using mostly CW with low power and wire antennas. QSL via their home call sign.

FS, St. MARTIN ISLAND. Paul, W7NZJ, will be active as FS/W7NZJ from Orient Beach, St. Martin (NA-105, DIFO FS-001, WLOTA 0383, WW Loc. FK88) between June 29th and July 6th. Activity will be on 20 and 15 meters on the CW and the Digital modes, using an Icom 706 with 100w into a 20m dipole and Buddistick. QSL via eQSL.

GJ2, JERSEY. Members of the Jersey Amateur Radio Society/Jersey Contest Group will be active as GJ2A from Jersey (EU-013, WLOTA 0818, WAB WV-54) during the RSGB IOTA Contest (July 26-27th) as a Multi-Op/Fixed/Island entry. QSL via LoTW is preferred.

JW, SVALBARD. Alexander, UA3IPL, active as JW/UA3IPL from **Spitsbergen Island** (EU-026) between June 26 and Augt 28. Activity on the HF - CW (slow speed), SSB, RTTY, PSK31 and JT65. He will use a Yaesu FT-857D with FC30 tuner and G5RV antenna. QSL via RW6HS direct. ADDED NOTE: Spitsbergen is discovered and named by Willem Barentsz in 1596. Spitsbergen meaning "Pointed mountains" from Dutch spits-pointed, bergen - mountains.

KH9, WAKE ISLAND. Lisa, KJ6GHN, active as KH9/KJ6GHN from Wake Island. She was V73/KJ6GHN on Kwajalein Atoll in the Marshall Islands. Lisa is currently working and will be on Wake for the next few years. She mentions that she has "been a ham since 2010 and I am still learning lots, always something new to learn, totally enjoy this 'hobby'." Her station: Icom 718 working PSK on 15m. QSL via the address on QRZ.com. However, she states, "Please be patient mail only comes twice a month". Lisa uploads to LoTW and ClubLog, & also accepts Bureau QSLs.

KH0, MARIANA ISLANDS. Joe, OZ0J/5Q2T, will be active as KH0/OZ0J from Saipan's Island (OC-086, USi NI002S, WLOTA 1333) Rental Shack <<http://saipan.rental-shack.com/>> between Aug 26 and Sept 2. Activity on all possible bands 80-6 m using CW, SSB and the Digital modes (RTTY or PSK). QSL via OZ0J, direct or by the Bureau. He requests to please use the OQRS on Clublog.org. For more details and updates, watch his Web page at: <http://www.oz0j.dk>

KL7, ALASKA (IOTA Op). Yuri, N3QQ, active using the Russian Robinson Club callsign KL7RRC from **Adak Island** (NA-039) between July 24-31. If he gets a special permit from U.S. FWS and U.S. Navy and weather/time permits as well as obtaining a boat, Yuri will go to **Kiska Island** (NA-070) for the RSGB IOTA Contest (July 26-27). QSL via N7RO.

PJ6, SABA. Mike, G4IUF (ISWL Member), active as PJ6/G4IUF from Isle House, Windwardside, Saba Island (NA-145, WFF PAFF-027, WLOTA 2043) between Sept 29 and Nov 2. Activity will be holiday style on 80-6 meters using CW, SSB and RTTY. QSL via his home call sign, direct or E-mail for Bureau request (see QRZ.com).

T8 PALAU. Yasu, JH2DFJ, active as T88DF from Republic of Palau July 27-31. Activity on HF bands and 50 MHz to 135 MHz using CW, SSB, RTTY, SSTV, WSPR and JT65A. QSL via home call sign, direct, Bureau, LoTW and eQSL.

T30, WESTERN KIRIBATI Reminder. A experienced German team is pleased to announce another DXpedition to the Pacific Ocean to Southern Tarawa Atoll, Western Kiribati. Their call sign will be T30D, and they will be active between October 2-15th. Operators mentioned are Uwe/DJ9HX, Rudolf/DK3CG, Sid/DM2AYO, Dietmar/DL2HWA, Georg/DL4SVA, Bert/DL2RNS, Heiko/DL1RTL, Juergen/DF7TT, Olaf/DL7JOM, Guenter/DL2AWG, Hans/DL6JGN and Rolf/DL7VEE. Activity will be on 160-6 meters using CW, SSB and RTTY, with at least four simultaneous stations with 500 watts amps around the clock. Suggested frequencies are:

CW - 1814.5, 3526, 7026, 10119, 14026, 18086, 21026, 24906 and 28026 kHz

SSB - 1849, 3805, 7095, 7182, 14210, 18120, 21255, 24955 and 28455 kHz

RTTY - 3595, 7046, 10137, 14090, 18099, 21090, 24918 and 28090 kHz

6m - 50120/CW and 50120/SSB

QSL Manager is DL4SVA. QSL via OQRS (see Web page), direct, by the Bureau and logs will be uploaded to LoTW at a later date. A Web page will is now available at: <http://t30d.mydx.de>

T31, CENTRAL KIRIBATI (Update). It was announced a few weeks ago that members of the 2013 Nov XR0ZR Juan Fernandez Island DXpedition were planning an operation to **Kanton Island** sometime in Nov 2014. The callsign will be T31R. More information is forthcoming. A new Web page will be activated soon at: <http://t31r.dxfamily.com>

TK4, CORSICA. Julien, F4FJZ, will be active as TK4QL from Corsica between May and October. Activity will be mostly mobile as TK4QL/M with operations on 17/15/12/10 meters using his FT-840 with 100 watts and a mobile antennas. Listen for QSL info or check QRZ.com. His home callsign on QRZ.com states QSL only direct or eQSL.

V29, ANTIGUA. Look for IARU President Tim, VE6SH, to once again be active as V29SH Jumby Bay Island, Antigua (NA-100), between July 26th and August 8th. Activity will be holiday style on the HF bands with a focus on 30/17/12 meters using a Elecraft KX3 with an amp into a CrankIR. QSL via VE6SH, direct or by the Bureau and LoTW.

VK0, HEARD ISLAND (VK0EK Update/Radio Team Is Being Reorganized). On June 14th, it was announced on <http://vk0ek.org/>: "During the stay on Heard Island, we will carry out a full-service all-band, all-mode amateur radio operation using the callsign VK0EK. We expect to log as many as 150,000 individual contacts, operating from two sites: Atlas Cove and Spit Bay. In addition, we will use DXA3, the latest version of the real-time online log server that was used successfully on the Kure Atoll K7C (2005) and Clipperton Island TX5K (2013) DXpeditions. DXA enables DXers to get confirmation of their contact within 1 minute, thereby eliminating the need for insurance contacts. DXA is fully described in the book by KK6EK. We have been building the radio team over the past year, and we have more than half the projected 20 participants committed. Unfortunately, in the past 2 months 5 team members withdrew, including the team leader, citing conflicts or the desire to participate in a shorter, less challenging DXpedition. This circumstance has relatively left us short of a team leader and committed operators, and therefore we have decided to completely re-organize the radio team. The first step is to identify a new team leader who is widely respected in the DXing community and experienced with organizing and leading DXpeditions to rare locations. The new team leader will have the authority and responsibility for re-building the radio team and for managing the amateur radio operations on Heard Island."

As some of you who attended the DX/Contest SIG recently, and viewed a video that included the last Heard Island DXpedition, you know how tough that DXpedition had it. Needless to say, this one may not get off the ground. But let's keep our fingers crossed and hope for the best.

WP4, PUERTO RICO (NA-099). Operators Carlos/KP4CPC, Eduardo/NP4GE, Anthony/WP4I and Rafael/KP4ROS will be active as WP4I from Culebrita Island [Little Snake](PR003-USIsland) next to Culebra Island (PR002S) and Saint Thomas Island between August 15-17th. The team will be transmitting from the old Culebra Lighthouse (PR0013-ILLW). QSL via by the Bureau, direct (SASE) and eQSL. See QRZ.com (under WP4I) for more info.

XW, LAOS. Alex, RK3DT, active as XW3DT from Laos. Most activity has been on 15 meters CW/SSB this past week. The length of his stay is not known at this time. QSL via his instructions on his QRZ.com page (once posted).

IOTA NEWS.....

AS-147. Taka, JA8COE, who was recently active this past week as JA8COE/8 from **Yagishiri Island** (WLOTA LH2512), will return for the RSG IOTA Contest (July 26-27th). He will use a Spiderbeam antenna. QSL via his home callsign, direct, by the Bureau or using the OQRS on ClubLog. He has a Blog page at: <http://takaja8coe.de-blog.jp>

AS-155. Operators Leon/BU2CN, Tang/BM2AAV, Eddie/BV2DD, Evan/BV2KS, Lee/BV2NT, Lee/BX2AB, Koshiro/JA3AQM and Bom/XX9LT will be active from **Liuqiu Island** between July 25-28th. Activity will be on 40-6 meters using CW and SSB. They will also be in the RSGB IOTA Contest (July 26-27th) signing BV0L and as a Multi-2/ Island entry. QSL via BV0L (see QRZ.com).

EU-007. Members of the Papa Lima DX Group and other guest operators will once again be active as EJ0PL from **Great Blasket** between July 26-31st. Activity is usually on 80-6 meters using CW, SSB and the Digital modes. They will also be on the RSGB IOTA Contest (July 26-27th) signing as EJ1Y. QSL via EI5JQ, direct or by the Bureau. An OQRS will be available via ClubLog. Log will be uploaded to LoTW, eQSL and HRDLOG.net.

EU-008. Dave, GM4NFI, is planning to be active as GM4NFI/P from **Fladda, Inner Hebrides**, on the Saturday of the RSGB IOTA Contest (July 26-27th) as a Single-Op/Mixed-Mode (mostly SSB) entry using 100 watts to a portable dipole. QSL via his home address, direct or by the Bureau. PLEASE NOTE: This operation is VERY much WX dependent as landing is VERY difficult if there is any bad sea condition because he is using a small boat.

EU-016. Tibor, OM3RM, will be active as 9A/OM3RM from **Vis Island** during the RSGB IOTA Contest (July 26-27th) as a Single-Op/ All-Band/Mixed entry. QSL via OM3RM.

EU-036. Arno, DL1CW, will be active as LA/DL1CW/m from **Hitra Island** during the RSGB IOTA Contest (July 26-27th) as a Single-Op/All-Band/Low-Power entry. QSL via DL1CW.

EU-038. Operators Randy/PH4X, Ron/PA4RVS, Lucas/PD0LVS, Friso/PD1JFB and Marcel/PD3MVB will be active as PA6TX from **Texel Island** (WLOTA 0043) during the RSGB IOTA Contest (July 26-27). QSL via PD0LVS, direct or by the Bureau. Logs will be uploaded to both LoTW and to eQSL at the end of the contest.

EU-089. Operators António/CU8AS, Hermann/HB9CRV, Siggi/DL2YHY, Lutz/ DL8MLD, Arlindo/CT1EGW (CU8AU), Luis/CT1EEQ (CU8AV), Pedro/ CT1EKD and Luis/CT4NH (CU8NH) will be active as CR2V from **Flores Island** during the RSGB IOTA Contest (July 26-27). QSL via HB9CRV (QRZ.com address). Activity outside of the contest will be made using their individual callsigns. QSL via their home callsigns (QRZ.com address). The operators will be there between July 21-28.

EU-091. Members of team IQ7AF, the Radio Club of ARI Lecce section, will be active as IQ7AF/P from **Capezzone Island** (IIA P-027) during the RSGB IOTA Contest (July 26-27th). QSL by the Bureau or direct.

EU-107. Operators Gil/F4FET and Diego/F4HAU will be active as TM1BIG from **Petite Island** (DIFM MA055) during the RSGB IOTA Contest (July 26-27th) as a Multi-Op/SSB-Mode/Expedition/High-Power/24H entry. QSL via F4FET. Also, look for activity after the contest. Activity will be on 80-10 meters.

EU-121. Gerard, EI5KF, will be active as EJ5KF from **Bere Island** during the RSGB IOTA Contest (July 26-27th) as a CW entry. QSL via his home callsign.

EU-141. (Special Prefix) Hans, LA2MOA, will be active as LI2MOA from **Vardo Island** during the RSGB IOTA Contest (July 26-27th) as a Single-Op/All-Band/Low-Power entry. QSL via LA2MOA, direct or by the Bureau. Also LoTW. This special prefix/callsign is being used to celebrate the 200 year anniversary of the Norwegian Constitution. The prefix will be active until December 31st.

NA-029. Operator Ken, K6LA, will once again operate from **Prince Edward Island** in eastern Canada using the VY2TT superstation (Grid Square FN76vs, CISA PE-001) during the RSGB IOTA Contest (July 26-27th) as a Single-Op/All-Band/Mixed/24H/High-Power entry. QSL via K6LA direct.

NA-034. Operators Dragan/K0AP and Vlado/N3CZ will be active as homecall/4 from **Anna Maria Island** between July 12-19th. Activity will be holiday style on 40-10 meters using CW and SSB. QSL via their home callsigns.

NA-067. Nathan, N4YDU, will once again be active from **Ocracoke Island** between July 20-27th. Activity will be on 80-6 meters using CW and SSB. Operations will also include the RSGB IOTA Contest (July 26-27th) as a Single-Op/All-Band/Low-Power/Mixed-Mode entry using the call sign W4O. QSL via N4YDU direct only.

NA-083. Art, NN7A, will operate as NN7A/4 from **Chincoteague Island** between July 7-13th. Activity will be all CW and holiday style running 100 watts into a wire and vertical antennas. QSL via NN7A, direct or by the Bureau.

NA-202. Jose, HP2BWJ, will be active as H92G from **Isla Grande**, Panama, between July 19-20th. Activity will be on 40/20/17/15/10 meters. QSL via HP2BWJ. NO IRCs (see details on QRZ.com).

OC-148. Kadek, YB9BU, will be active as YB9BU/P from **Kupang, Timor Island** between July 31st and August 5th. This island does not count for the DXCC entity Timor-Leste. Activity will be on the HF bands. QSL via his home callsign. For more details about Kupang, Timor Island, see: <http://en.wikipedia.org/wiki/Kupang>

OC-196. Trevor, VK3ATX, will active as VK3ATX/P from **Gabo Island** (ILLW AU-0080) Aug 16-17. Activity will be on the HF bands. QSL via his home callsign direct. For more details and updates, see: <http://vk3atx.net>

OC-218. (Update/Change) Operators Cezar/VE3LYC and Bob/KD1CT will attempt to operate from **Matthew Island** for 4 days between September 1-9th. They will maintain one station on the air around the clock, operating on all bands from 40-10 meters using CW and SSB. QSL via VE3LYC, direct or by the Bureau. A OQRS will be available from ClubLog. For more details and updates, see: <http://tx4a.yolasite.com>

OC-233. Tony, VK3VTH, will once again be active as VK3VTH/7 from **King Island** between August 14-17th. Activity will be on 40/20 meters using SSB. He will also be in the International Lighthouse/ Lightship Weekend, from Currie Lighthouse (AU-0016), August 16-17th. QSL via VK3VTH, direct or by the Bureau. Bureau cards will be sent for all QSOs immediately after the activation.

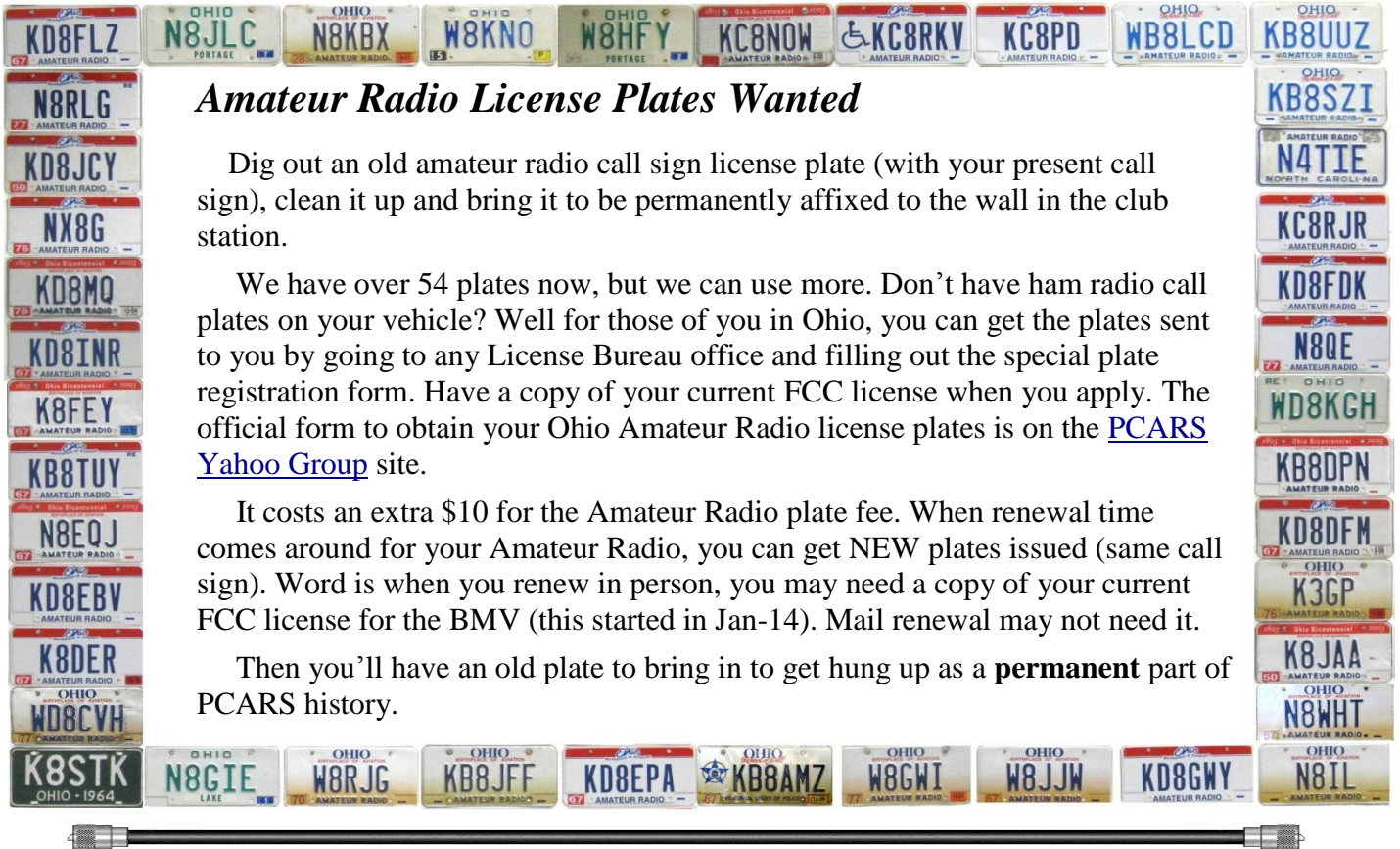
SA-072. (Update) Operators Ronaldo/PS8BV, Anselmo/PS8AB and John/PS8PY will be active as ZY8D from **Canarias Island** between July 25-27th. Activity will be on 80/40/20/15/10 meters using SSB, and an entry in the RSGB IOTA Contest (July 26-27th). QSL via direct to: P.O. BOX 166, Teresina, PI 64001970, Brazil.

TX5, CHESTERFIELD ISLANDS (And Other New Caledonia IOTAs). The "Les Nouvelles DX" is reporting that Michel "Mic" FK8IK, will be sailing with some non-radio amateur friends between Nov 1-30. They plan to set sail on Nov 1 from Noumea, New Caledonia, and head towards the DXCC entity **Chesterfield Islands** (OC-176) first. Their voyage will take some 100 hours (about 4 days) and expect to arrive at Chesterfield on Nov 5. Look for Mic to use the callsign TX5C which is a reissued callsign that was used during the last Clipperton DXpedition (Mar 08) -- this will probably confuse some logging programs. They will depart from Chesterfield on Nov 10, and sail next toward the **New Caledonian's D'entrecasteaux Reefs** (OC-058). This trip will take 80 hours to reach the reef on Nov 14, and Mic will be active as TX5E until he departs on Nov 18 for **Belep Islands** (OC-079). This will be his last island, and Mic will operate as TX5B starting about Nov 21st for three days before heading back to Noumea on November 24th. The return trip is expected to take 4 days (Nov 28). Between each leg of the trip, Mic will use the callsign FK8IK/MM. Operations from each island will be on 40-10 meters using 100 watts into a vertical antenna (homemade) and an antenna tuner. Modes will be CW and SSB. **ADDED NOTES AND REMINDERS.** Mic will be the sole operator, so please have a little patience. Also, the **TX5C operation will only count for the Chesterfield Islands (FK/C), and the TX5B & TX5E will only count for New Caledonia for DXCC purposes.**

Well, there you have it for the next few months. Get on the air and work some DX. So until next month 73 and **GUD DX!!**

Chuck, W8PT
aka 'Charlie the Tuner'





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 54 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. Have a copy of your current FCC license when you apply. The official form to obtain your Ohio Amateur Radio license plates is on the [PCARS Yahoo Group](#) site.

It costs an extra \$10 for the Amateur Radio plate fee. When renewal time comes around for your Amateur Radio, you can get NEW plates issued (same call sign). Word is when you renew in person, you may need a copy of your current FCC license for the BMV (this started in Jan-14). Mail renewal may not need it.

Then you'll have an old plate to bring in to get hung up as a **permanent** part of PCARS history.

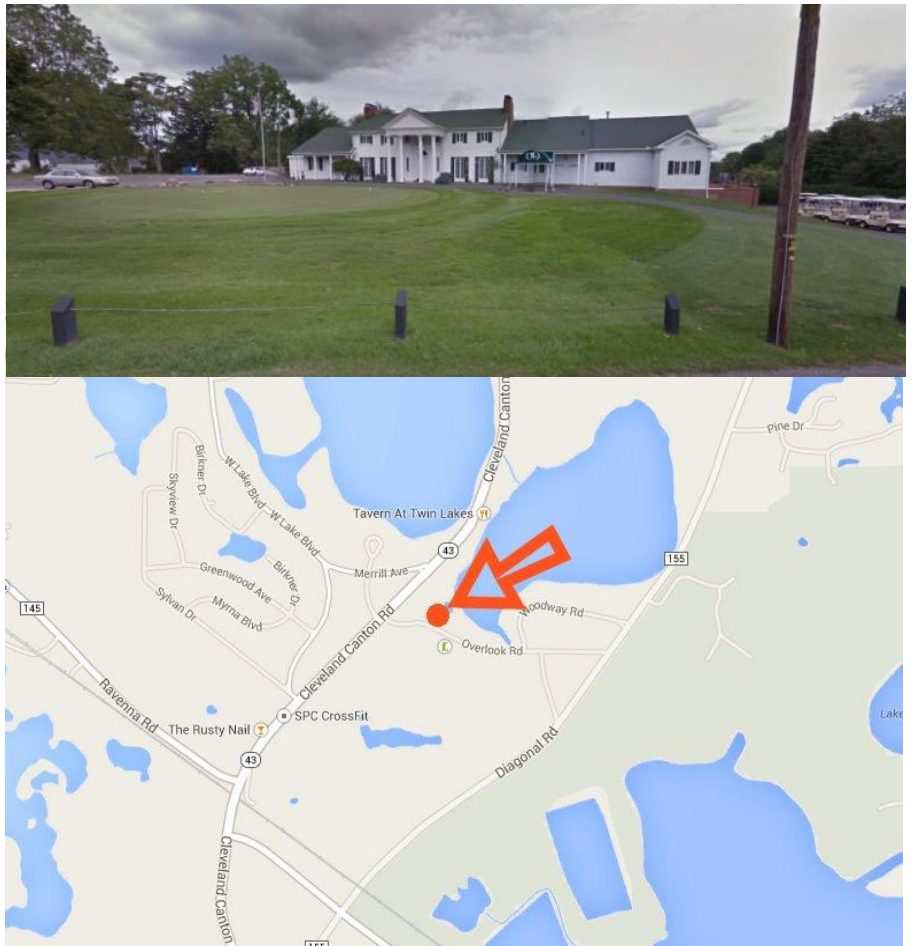
PCARS Meetings

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

PCARS meets at the **Overlook Restaurant in Twin Lakes** (formerly known as the *Twin Lakes Country Club*). Address is 1519 Overlook Road in Twin Lakes.

Meetings are in the club house (big white building) on the north side of Overlook Road.

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



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PCARS

Local Club Says No To Chicken Salad

GRAND RAVINE, South Dakota –A fist fight broke out Sunday afternoon at a local amateur radio club meeting in downtown Grand Ravine. The Mt. Agnes Radio Society was discussing Field Day plans in the private room of the Village Inn while their regular meeting location, Golden Corral, undergoes much needed renovation.

Tempers boiled over as the conversation went from radios to antennas to food. Local ham radio operator Walter “Scruffy” Smith volunteered to bring his “famous” chicken salad to feed the group of 20 Field Day volunteers. Instantly, five men stood up and walked to the door, stating they “...could not handle another case of ‘back door trots’ like last year.”



Defiantly, the 82-year-old Smith challenged the group to “say that to his face” and began swinging clenched fists. Although the five men were far across the room, police say Smith’s roundhouse blow connected with 79-year-old Maggie Peterson, wife of former club president Max Peterson of Lincolnville County.

Peterson, a former Roller Derby dame in previous decades, was unscathed by the blow and in fact, challenged Smith “to take another shot if he was man enough.”

Police add it is unlikely Smith would have actually hit anyone if he hadn’t been thrown off-balance due to his arthritic hip and the body contact may have come as Smith was attempting to catch himself from falling.

The meeting was immediately adjourned when Village Inn manager Marguerite Thomas stormed into the room and declared there would be no senior discounts “if this ruckus doesn’t stop.”

For now, meal plans remain undecided for Field Day in Grand Ravine, South Dakota.

Gerald, WBØRUR

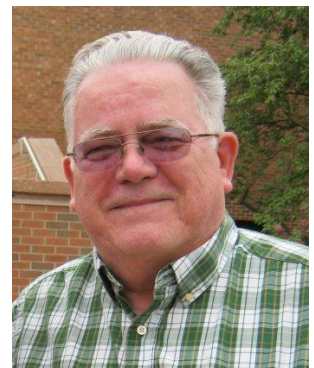
From our fiends at hamhijinks.com

Thanks & 73

All of our members (and others) look forward to getting this newsletter every month, so keep sending those inputs! 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 all throughout the year.

Thanks go out to the contributors for this month’s newsletter:

WB8LCD, KC8PD, KB8UUZ, N8RLG, NR3C, N3LY, N4IT, K8CAV, KC8RJS, WA8EFK, K8JE, N8SY, W8PT, WB0RUR, Hamhijinks, Ohio Section News, ARRL & the World-Wide Web.



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

Tom “Parky”, KB8UUZ

PCARS Newsletter Editor

The Portage County Amateur Radio Service, Inc. (PCARS) announces the 7th annual

Ohio State Parks On The Air



Ohio State Parks On The Air contest

Saturday, September 6, 2014, 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?

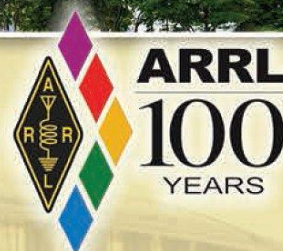
Check out **all** the details at: www.OSPOTA.org

Be sure to check the OSPOTA Yahoo Group for up-to-date info:

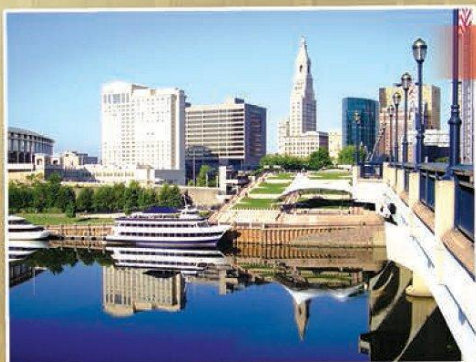
<http://groups.yahoo.com/group/OSPOTA/>

ARRL2014

Centennial Events & Programs



■ ARRL National Centennial Convention—July 2014



ARRL National Centennial Convention at the Connecticut Convention Center in Hartford, July 17-19, 2014

Thursday, July 17, 2014

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

Friday & Saturday, July 18-19, 2014

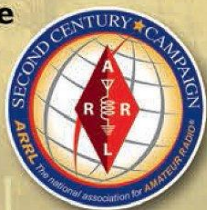
- ◆ Exhibit Hall featuring ARRL exhibits, Amateur Radio manufacturers, equipment sellers, and an indoor flea market
- ◆ Dozens of forums & presentations
- ◆ License Exams
- ◆ Friday Night Banquet

**July 17-20, 2014
(Thurs-Sun)**
Tours of ARRL headquarters and W1AW

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www.arrl.org/scc
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- **Plus commemorative publications, regional events, special QST features, and more! Additional details coming soon...**



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

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



PCARS meets at the **Overlook Restaurant** in Twin Lakes (formerly known as the *Twin Lakes Country Club*). Address is: 1519 Overlook Road in Twin Lakes.
Meeting are in the club house (big white building) on the north side of Overlook Road.

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 Chairman	KD8VT	James Andrews
Field Day Co-Chairman	W8PT	Chuck Patellis
F.Y.A.O.	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	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
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
W8RID	Bob Davet
WA8CCU	Al Nagy
NR8W	Russ Williams
KD8RJV	Jim Corbett
W8Ezt	Frank Tompkins
N8OQQ	Bryan Buchwalter
AC8NT	Jim Wilson



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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! The **RADIOGRAM** is published every month and is sent only to subscribers. If you would prefer not to receive this newsletter, we understand. We'll try not to take it personally. It's not you saying you don't like us, but maybe you just don't have the time to look at all this hard work we've done just for you. Hey, that's cool. But if your heart is truly set on making sure you no longer receive this newsletter, even though we promise to one day reveal the meaning of life in it and you're going to be really upset when you miss out on that.

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

THE RADIOGRAM

NLC

