



The RADIOGRAM

When All Else Fails ~ Amateur Radio Works



October 2013 ~ Official Newsletter of the Portage County Amateur Radio Service, Inc. (PCARS) ~ Vol. 8 No. 10

~ 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

Fairly soon now, we'll be moving into PCARS' 9th year! No, it's not the milestone that the following year will be, but, it is what it is. So, we've got one more year until our first milestone year is upon us. What can we do in that next year to insure that when we move into the 10th we'll have lots of good stuff to talk about?

Short answer: a whole bunch! Now, let me expand upon that..... One of the hallmarks of PCARS has always been that we have been a club where people have always felt welcomed and appreciated. That one thing sets us apart from other clubs more than anything. I can't keep that image up on my own. Every PCARS member needs to be outgoing and accommodating to all other existing members, and any new member or guest that shows up at any of our functions. Nobody's going to judge us for where we've been, everyone will judge us on what their experience with us is now and in the future. Remember during WWII one of the slogans was "loose lips sink ships"? (I'm sure of few of us do) Well, the same holds true for us today. If you have something to say about PCARS or another that may be negative, please, don't spread it around as a rumor or gossip.

Bring it to the officers meeting and let us deal with it, out in the open as a personal concern. EVERY member of PCARS is an important asset of the organization. If you have a problem with any other member, keep it to yourself, or, go to that other member and work it out. PCARS is a group of Amateur Radio operators. Not one of us (most especially me) is perfect in every way. So what? Get over it and enjoy the positive aspects that every one of us has to offer!

If you come to a meeting, and maybe the presenter is not talking about something that you are interested in, don't walk out on him! One of the things PCARS really has going for us is the size our group at the monthly meetings. Presenters (especially the really good ones and interesting ones) like to talk to larger groups instead of making many presentations to smaller groups. If you make our group smaller because you aren't interested in a particular topic, then maybe when the invitation goes out to someone you are interested in, he won't accept the invitation because he doesn't see the numbers he feels he needs to be effective! Besides, you just might find a topic that you thought you had no



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From the President (continued from Page 1)

interest in to be quite engaging when you hear it from the perspective of the current presenter. Also, every one of us has contacts, acquaintances, and knowledge of people who would make great presenters at a PCARS meeting. Finding and booking speakers through the year is a daunting task. Let our Vice President know about your interests and your contacts.

In addition to our meetings, PCARS has many events through the year. FYAO, Field Day, Amateur Radio Cruise In, OSPOTA to name a few (if not most) of them. Maybe you're not a QRPer, but maybe you are and just haven't discovered it yet! Come out and participate, in most cases you'll be glad you did. Same thing for our construction projects, our special interest groups, net nights at the club site and even the licensing classes! Amateur Radio is an activity, and I've said it many times before, if you want to have fun with the hobby, you have to be involved and engaged. Most of what we do today is in the form of passive participation (like watching TV), which is easy. But if you want to have fun, if you want to loose weight, if you want gain skill

and proficiency, you have to participate. That's not easy because you actually have to get up and do something! With PCARS you can do that with your friends, and with an organized structure. You'll be glad you did.

While not specifically PCARS activities, both RACES/Communications Unit and ARES® are areas where most of us should be participating. We don't have a lot of disasters in NE Ohio that need our expertise, but when it happens (and it will) we need to show up and know what we're doing. Most EmComm activities these days are done in conjunction with other public and private organizations. They expect us to be prepared to respond in a professional manner and to understand how the rest of the emergency response community operates. It's only by active participation in these local services that we have the opportunity to learn the skills that will be necessary. And through our participation in public service events we help keep the public aware of Amateur Radio and what we can do for them when other systems are not available.

So, I know I'm preaching to the choir here, but, it never hurts to remind us all that we have a great thing going with PCARS. To keep it going takes a lot of effort, not only on the part of the officers, but each and every member. I don't care if you've been a ham for 50+ years and know everything, or if you just got your license and have it all to experience yet. We need you both, and we need you all.

One last thing. We have a club site at 705 Oakwood St. in Ravenna. That makes us part of a very small group of clubs that actually have a place to call our own. We want everyone to think of it as their own. We don't have a cleaning crew or a maintenance crew. Everyone needs to be responsible for making sure it is maintained and left in good order for whatever the next group to use it is. Take some pride in what we have. Make sure when you leave it that it looks better than it did when you got there. The next group coming in may have prospective new members, or community members that will judge us based on what our space looks like. Something as simple as pushing the chairs back into the table when you leave makes big difference.

One last thing, at last month's meeting I mentioned that I was a "shill" for the ARRL. I meant what I said and want to encourage every PCARS member to also belong to the ARRL. Again, I don't expect you to agree with everything they take a position on, BUT, they are the only organization that represents the interests of Amateur Radio to the FCC and the Congress. They are a valuable asset that needs to be well funded to combat all the other commercial interests that would want our slice of the spectrum. You can join and a portion of your dues will come back to PCARS if you do it through the club, contact treasurer George, K3GP if you'd like more information or an application form.

And don't forget, next month our 50/50 goes to the Center of Hope. Any other donations that you could collect or make personally would be greatly appreciated and used locally.

73,
Tom, WB8LCD
PCARS President



From the Vice President

Find the Pattern in this Column

Russ NR8W and I grilled up thousands of hamburgers, hot dogs, and sausages for our friends at the PCARS Annual picnic in July. For once there was no radio activity, just a bunch of fun people having good food and a good time with like-minded friends.

There were radios on display, but just a little radio activity at the PCARS Cruise-In in August. Mostly it was showing off radios and cars, a bunch of fun people having a good food and a good time with like-minded friends.



A few days later, there was plenty of radio activity at the PCARS club site at the Ohio QSO Party. We put those radios to good use, I can tell you! It went on all afternoon and most of the night, just a bunch of fun people having a good food and a good time with like-minded friends.

A couple of weeks later, many of us were out in the Field for the Ohio State Parks on the Air contest. The WB8LCD team had a bunch of fun, and those that didn't operate (Sue, Robin) were compelled to provide good food and a good time to like-minded friends.

In between, there were any number of Net Nights and Special Interest Groups meeting at the Club Site. Besides nets and Special Interests, there were snacks and beverages and a good time with like-minded friends.

I'm sure you can see by now the point I'm driving at: You're getting too fat. All of this good food is going to your waistline, and sitting on your keister in front of the rig is killing your girlish figure. I would be remiss not to bring this to your attention.

But since I have your attention, let me point out that these are golden opportunities for you to invite your non-ham friends to see what real radio and related good times are about, or your kids, or grandkids, or just innocent passers-by. You can never tell who might get interest enough to go for their ticket.

The California QSO Party is coming up. Round up some people you know and introduce them to the rest of the PCARS gang. And now if you'll excuse me, I feel like having a snack.

Bill, WB9LBI



Mark Your Calendars

On the calendar for upcoming meetings and activities are:

- Oct 14th - **PCARS Meeting** - 7 pm - Jim Kvochick WB8AZP, Official Observers
- Nov 11th - **PCARS Meeting** - 7 pm - **ELECTIONS** - Rod, WN8R - Vertical Antennas
- Dec 9th - **PCARS Christmas Party** - 7 pm - *Rumor has it that Santa Claus will be there*
- Jan 14th - **PCARS Meeting** - 7 pm -

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



- First Tuesday - **Digital** Special Interest Group
- Second Tuesday - **QRP/CW** Special Interest Group
- Third Tuesday - **Antenna** Special Interest Group
- Fourth Tuesday - **DX & Contest** Special Interest Group
- Fifth Tuesday - **Linux for Hams** Special Interest Group



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



PCARS VE Test Sessions

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

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 (**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
 - Pre March 21, 1987 Technician license (this provides credit for the Element 3 (General) exam).



Robert, N8RLG
PCARS VE Team Liaison

QSL via Bureau? Check First!

Fred Laun, K3ZO, who manages the NCDXA/ARRL Third Call Area Incoming QSL Bureau, advises operators who routinely send cards "via the bureau" to first check the DX station's QRZ.com or personal websites first to find out if the DX station replies to cards sent via the bureau.



"Each month our bureau receives hundreds of cards for rare DX stations and DXpeditions who...state that they will not answer bureau cards," he says. "We recognize that one reason people use the bureau is that they don't have to check QRZ.com or another online lookup service before sending off the card." Laun says his bureau spends many hours each month redirecting such cards to QSL managers or to the station's own bureau, "and even after our efforts," he adds, "almost all of these cards will not be answered anyway."

The bottom line: "If an operator says he/she will not answer bureau cards, he/she in all likelihood means it," Laun says. "That means that there is no cheap way to get around the [DX station's QSLing] instructions."

He further notes that some operators have informed the bureau that they don't want to get bureau QSL cards. His bureau sends most of those unwanted cards to Tom Roscoe, K8CX, for use on his Ham Gallery website, while it provides others to schools for classroom use. — Thanks to The Daily DX

From the ARRL

Paper Chase

If you did not participate in the OSPOTA event, I hope you were at Hiram College attending the Hiram vs Westminster football game. Hiram came out victorious 23-19. This was their first victory after 18 consecutive losses. Thank you for being there. RAH RAH SIS BOOM BAH!!!!

Since the club's beginning, it has participated in various contests or similar events. In addition to OSPOTA, the club has participated in Field Day, the Ohio QSO Party and this month will be our club's second adventure into the California QSO Party. You can read elsewhere in this issue the information about the club's activity and an invitation to participate.

KD8CKP
Portage County Amateur Radio Service, Inc.
12433 Chamberlain Rd. QSL Mgr: KB8VJL
Grid EN91 - CQ Zone 4 Aurora, OH 44202 USA Portage County
Rig Power & Antenna: CONFIRMING CONTACT WITH:

Date	UTC	Band	RST	2X
25 Feb 2006				
Pse QSL Trx 73				

Operator:

PORTAGE COUNTY AMATEUR RADIO SERVICE

First Annual QRP Outing
"Freeze Your Acorns Off"
Operating from Towners Woods
in Franklin Township, Ohio
February 25, 2006

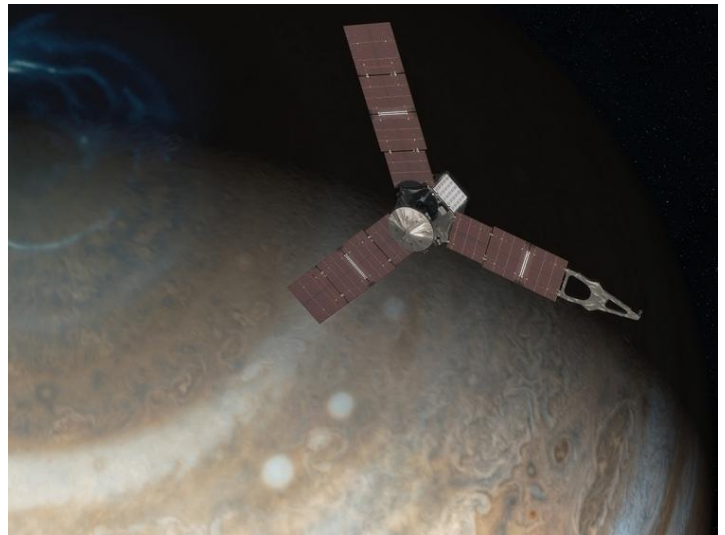
PCARS
FYAO - QRP

Can you remember the first contest PCARS participated in? Hint 1: It occurred on February 25, 2006 and PCARS finished 2nd from the state of Ohio. Hint 2: That was the same day as the first FYAO Special Event. Hint 3: It was the first use of the club callsign, KD8CKP. Answer: The Mississippi QSO Party. Can you remember your first contact?

Joe, W8KNO

Ham Radio Community Invited to Say “HI” to Juno Spacecraft

NASA’s Juno spacecraft will fly past Earth on **October 9** to receive a gravity assist, putting it on course for Jupiter. To celebrate, the Juno mission is inviting Amateur Radio operators around the world to say “HI” to Juno in a coordinated Morse code message. If enough operators participate, Juno’s “Waves” radio and plasma wave experiment should be able to detect the message. The Say “HI” to Juno web page will be updated with additional information as the event approaches. All transmissions will take place on 10 meters, with the precise (suggested) frequency determined by the last letter of your call sign (see Juno Flyby Table below).



Sponsors say Juno will have a better chance of detecting signals from many operators if the transmissions are spread out across the spectrum. The Juno Waves instrument is a broadband receiver, and the detector being used for this event has a passband that’s 1 MHz wide.

Last Letter of Your Call Sign	Frequency to Use (MHz)
A	28.001
B	28.019
C	28.037
D	28.055
E	28.073
F	28.091
G	28.109
H	28.127
I	28.145
J	28.163
K	28.181
L	28.199
M	28.217
N	28.234
O	28.252
P	28.270
Q	28.288
R	28.306
S	28.324
T	28.342
U	28.360
V	28.378
W	28.396
X	28.414
Y	28.432
Z	28.45

While the Waves instrument is sensitive to radio signals in all amateur bands below 40 MHz, sponsors chose 10 meters, because experience with the University of Iowa instruments on the Galileo and Cassini Earth flybys showed significant ionospheric shielding at lower frequencies. Sponsors actually are hoping for poor band conditions on October 9, so an appreciable fraction of the radiated energy can escape the ionosphere into space.

Indicators on the Say “HI” to Juno web page will instruct participants when to transmit and when to stop transmitting. Each will have a timer to indicate how long until you switch from one mode to the other mode. Stations should transmit a legal station identification as the FCC or non-US regulators require.

Stations with directional antennas should check the web site for information on what headings to use during the event. Visit the Say “HI” to Juno web page (<http://www.jpl.nasa.gov/hijuno/>) for full details and to obtain the latest information. The activity begins October 9 at about 18:01 UTC and continue until about 20:41 UTC. Operators taking part should make sure their computer clocks are synchronized to network time prior to the event. The web page will indicate when you start or stop transmitting (key down/key up).

Participants can receive a QSL card for contacting Juno. E-mail your call sign and mailing address. Additional information is available at NASA’s Juno web site and the Mission Juno web site. - NASA Jet Propulsion Laboratory; thanks to John Andrews, ACØXY

From the ARRL



Contest Calendar

October 2013	
TARA PSK Rumble Contest	0000Z-2400Z, Oct 5
Oceania DX Contest, Phone	0800Z, Oct 5 to 0800Z, Oct 6
California QSO Party	1600Z, Oct 5 to 2159Z, Oct 6
10-10 Int. 10-10 Day Sprint	0001Z-2359Z, Oct 10
Arizona QSO Party	1600Z, Oct 12 to 2359Z, Oct 13
Pennsylvania QSO Party	1600Z, Oct 12 to 2200Z, Oct 13
North American Sprint, RTTY	0000Z-0400Z, Oct 13
10-10 Int. Fall Contest, CW	0001Z, Oct 19 to 2359Z, Oct 20
New York QSO Party	1400Z, Oct 19 to 0200Z, Oct 20
Worked All Germany Contest	1500Z, Oct 19 to 1459Z, Oct 20
Stew Perry Topband Challenge	1500Z, Oct 19 to 1500Z, Oct 20
Feld Hell Sprint	2000Z-2200Z, Oct 19
Illinois QSO Party	1700Z, Oct 20 to 0100Z, Oct 21
Run for the Bacon QRP Contest	0100Z-0300Z, Oct 21
ARRL School Club Roundup	1300Z, Oct 21 to 2359Z, Oct 25
CQ Worldwide DX Contest, SSB	0000Z, Oct 26 to 2400Z, Oct 27
ARRL EME Contest	0000Z, Oct 26 to 2359Z, Oct 27

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

80 is Catching - November marks the 80th running of the ARRL Sweepstakes, too! Watch for announcements of special activities during this oldest of the domestic contests!



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

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

11/09 - **All Ohio ARES Conference** - Location: Ohio Fire Academy - 8895 East Main Street - Reynoldsburg, OH 43068 - Website: <http://www.arrl-ohio.org/SEC/default.html> - Sponsor: ARRL Ohio Section - Talk-In: 147.060+ (PL 94.8) - Public Contact: Scott Phillips, N8SX - 4805 Eldo Street Willoughby, OH 44094 - Phone: 440-258-3934 - Email: n8sx@arrl.net

Cleveland Hamfest - Something Stinks

I went this year having missed last year and the biggest surprise was how much smaller it had become. It was now one building instead two, with no major vendors, and 3 1/2 rows of flea market instead of 5. Walking around I met many PCARS members as well as members I knew from the Alliance ARC, CARS, MRRC, NCCC and WARA. In the building at the ARRL table, I spoke with Jim Weaver the Great Lakes Director.

The biggest attraction was not even amateur radio related. It was a drunk skunk, or so it seemed. The skunk was walking down the aisles and turning around in circles. Its actions made me think it might have been rabid. Watching the people, I am sure some of them did not know what a skunk was.

I still enjoyed myself as I had renewed old friendships.

Joe, W8KNO



Photo from K3LR



Photo from K8IV

Happy Birthday PCARS Members

PCARS members having a birthday in October:

KD8JRI	Curtis	Kesling
K8JAA	Jane	Avnet
K8AAB	Bob	Evans
N8ONI	Pat	Karl
WB8VNO	Gay	Wands
KD8EPG	Ken	George
K8DER	Donald	Robinson
KD8FDN	Greg	Long
KC8DBX	Angela	Ziccardi

KD8MLE	Jon	Fox
K8CAV	Rick	Kruis
WA8AR	Anthony	Romito
K8MSF	Bud	Green
W8DMH	Dennis	Hunt
KD8UXH	Arthur	Walton
W8NET	Gene	Marsh
KD8MQ	John	Myers

ZL DX - Special Event to Commemorate 90th Anniversary

Special event station **ZM9ØDX** (<http://www.zm90dx.com/>) will be on the air from New Zealand during the full month of October to mark the 90th anniversary of that country's first DX activities on the amateur bands and to commemorate the DX pioneers who made them happen.



The first New Zealand-to-Australia contact took place in April 1923, followed by then-world record contacts between New Zealand and Argentina the following May, and between New Zealand and California the following September. The first contact between New Zealand and California happened in September 1924, and just a few weeks later came the first contact between New Zealand and the US East Coast (Connecticut).

Organizers say “the ultimate” contact between Frank Bell, Z4AA, and Cecil Goyder, G2SZ, happened in October 1924.

Activated by the Kiwi DX Group,

ZM9ØDX will operate from locations around New Zealand on all bands and modes from 1.8 MHz to 1.2 GHz and beyond.

A commemorative QSL card will be available, and there is an award program for contacts with New Zealand during October as well. Event organizers say that in the spirit of the early pioneers, the ZM9ØDX operators will call CQ on bands and in directions one may not necessarily expect “with the intention of exploring the boundaries of radio propagation.”



Further details are on the ZM9ØDX website (<http://www.zm90dx.com/>). Note that this is a ZL-based activity, not ZL9, Campbell and Auckland Islands, so participants may wish to update the country file for their logging software. - Thanks to Bill, ZL3NB/Kiwi DX Group

From the ARRL

Some Words from Weaver

AC8W Appointed to DX Advisory Committee

I am pleased to announce the appointment of Stan Arnett, AC8W, of Marysville, MI as representative of the Great Lakes Division on the ARRL DX Advisory Committee (DXAC). Stan is a well-known in DX circles. He replaces Kirk Swallow, W8QID of Cincinnati who resigned after several years of service on the Committee.

The DXAC reviews topics referred to it by the the ARRL Board of Directors and recommends action on these topics to the Board. DXAC was tasked at the July Board meeting to conduct a review of existing rules that

govern DXCC and recommend possible changes to these rules. DXAC is just one of several advisory committees that provide input from members to the Board.

I thank Kirk for his long-time dedication to multiple phases of Amateur Radio over the years and look forward to his full return to his favorite form of our great avocation. I also thank Stan for serving Amateur Radio for several years and for agreeing so readily to accept his new appointment.

ARRL Centennial Celebration will reach throughout the US

The 100th Anniversary celebration of ARRL will feature many activities for members who are unable to travel to Hartford, CT for the Centennial Convention. One of these activities is expected to be a national QSO party. Keep watching the ARRL website and bulletins, and this newsletter for further details.

Proposed Modifications in Amateur Radio rules Remain Under Review

From the ARRL Bulletin: "Speaking in late July at the 28th annual National Conference of Volunteer Examiner Coordinators (NCVEC) meeting, Bill Cross, W3TN, of the FCC's Mobility Division within the Wireless Telecommunications Bureau (WTB), assured attendees that pending proposals to modify the Amateur Service Part 97 rules are not on the back burner but still under review. FCC personnel addressing the teleconference were unable, however, to predict when the Commission would take action on the Notice of Proposed Rulemaking and Order (NPRM) in WT Docket 12-283. The NPRM can be found on the web in PDF format at, http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-12-121A1.pdf.



"Among the FCC proposals: Granting exam credit for expired and beyond-the grace-period licenses; shortening the grace period during which an expired ham ticket may be renewed; correspondingly revising the time a call sign remains unavailable to vanity applicants; and reducing the number of volunteer examiners needed to administer examinations. The docket also seeks comment on amending the rules to permit remote test administration and proposes allowing Amateur Radio stations to transmit certain emission types."

FCC Amateur License Data will remain Open to the Public

From the ARRL Bulletin: "FCC Program Analyst Rebecca Williams of the FCC's Gettysburg Office told meeting participants that the FCC will not remove or conceal a licensee's name or address from its public database. She said she's received numerous complaints from licensees about their information being public. According to §97.23, licensees must provide a valid mailing address, but as Williams pointed out, that can be any US address where the licensee can receive mail, such as a work address or a post office box. Licensees can protect their privacy and remain within the rules, she said.

"She also reminded her audience that since February 14, 2011, a radio amateur can serve as a trustee for only a single club and may not also be a club license trustee for another club. The rules further prohibit clubs from

having more than one vanity call sign. Amateurs who served as trustees for more than one club, and clubs holding more than one vanity call sign before the change may continue to do so, she said."

NCVEC Basics

In case you are not aware, the organization of the National Conference of Volunteer Examiner Coordinator (NCVEC) that oversees giving of FCC volunteer exams is quite simple. The basics are that there are 14 VECs that develop question pools and exams for the three levels of US Amateur Radio license exams. The number of questions to appear on an amateur exam, the number of questions that appear in the question pool for each license level, the number of Volunteer Examiners (VEs) required to give exam sessions and similar details are set by the FCC. The NCVEC determines the questions and certain of the mechanics of giving exams, and of other similar details. Each VEC has one vote on each issue brought to a vote.

The next question pool that will be updated is the pool for the Technician level. The new Technician question pool will become effective 1 July 2014.

The ARRL VEC is just one of the 14 that form the NCVEC. Although the ARRL VEC processes more VE exams than any other VEC, it is far from being the only kid on the block, and it does not control the NCVEC.

What's up with the Director?

What's up with the Director is a question that has been asked about me this spring and summer. I did not make the Hamvention(TM), cancelled visits to hamfests that I had planned to make, and, frankly, am cancelling another planned visit. It isn't that I know longer care about doing what I consider to be my job. It merely is a fact that I've had to put my body into the repair shop twice this year and the "chief mechanic" in charge of each of these visits put several limitations on what I can do.

I began this spring looking forward to having surgery on my lower back (my Lumbar region). In being worked up for this surgery, it was determined that I needed to have surgery at the other end (the Cervical region) of my back, first. This determination was made just before The Hamvention. Until after it was done, I was told to avoid standing and walking for prolonged periods. What does one do at Hamvention other than stand and walk? I didn't make the Hamvention.

The Cervical surgery complete, I refocused on my lower back which was beginning to give me additional grief. I had this second surgery at the end of August. it was known that this surgery would be more extensive than earlier surgeries so that recovery would be more extended. I'm still in the "don't sit or stand for long periods of time" phase of recovery. Driving more than 10 - 15 minutes is taboo at the moment, but recovery seems to be going very well.

The bottom line is that I hope to be able to get to the Cleveland Hamfest and the 'Vette City Hamfest, but am not yet certain of doing this, yet. Thanks for your understanding.

Jim, K8JE

Director - ARRL Great Lakes Division



Dale's Tales

It is important that I offer my thanks and appreciation to all who assisted so mightily in the successful 2013 Great lakes Division convention. There are several individuals who deserve special recognition, despite the likelihood I may overlook some deserving person. For that, I beg forgiveness.



First, The Voice of Aladdin Amateur Radio Club. They stepped up to the challenges of hosting the convention and accomplished the feat with gusto. Secondly, your Section Managers, Jim KY4Z, Frank KI8GW and Larry WB8R, who greeted, moderated, and put out fires. And Scott N8SY, who promoted, printed and hustled us all into getting things done. Great job, guys.

Importantly, our speakers/hosts, Carl K9LA, Jay K8CJY, Kitty W8TDA, Jim KY4Z, Dave WA3EZN, and Dave K1ZZ made the entire program a success with their outstanding presentations, forums and discussions. Thank you all.

Thanks to our Great Lakes Director Jim Weaver K8JE for hosting our Awards Presentations. It was truly a pleasure to see these deserving individuals receive recognition for their efforts in amateur radio:

Amateur of the Year Award: Chuck Perushek N8ZA;
Technical Achievement Award: Don Kovalchik W8DPKL;
Young Amateur of the Year Award: Cameron Thurston N8CAM.

The 2013 Newsletter awards were announced, the Winners for the Great Lakes Division Newsletter of the Year are as follows: Third Place: QUA/Ham News, Bluegrass Amateur Radio Society; Second Place: The Radiogram, Portage County Amateur Radio Service; and First Place: The Scope, Central Michigan Amateur Radio Club. Scott N8SY commented that our independent group of judges, all professionals in the media, reported our newsletters are all improving year-by-year and the decision process is getting tougher, a great compliment for all of our talented editors.

And now, my thanks to you who attended, supported and otherwise assisted in making this year's event so successful. With you, and your support, there is reason to press on and see how well we can do it again.

73,

Dale, WA8EFK
Vice Director - Great Lakes Division
GLD Convention Chairman

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



California QSO Party

K8BF will once again be on the air, taking part in the California QSO Party. The event begins 1600 UTC (Noon local) Oct. 5, 2013 and ends 2200 UTC (6 PM local) on Oct. 6, 2013.

In 2012 PCARS entered as a Multi-Multi and did very well. We will again enter as a Multi-Multi- Low Power (200 watts or less) for 2013. There will be at least three stations available to be on the air with the possibility of a fourth station if we have enough operators.

I'm requesting that any PCARS member or friend of PCARS that has a valid Amateur License, and would like to operate, let me know by e-mail as soon as possible. It's less than two weeks away. I can be reached at W8PT@portcars.org.

Last year Joe, W8KNO stayed the entire night. But, this year he will be out of town and will not be able to participate.

California QSO Party

NCCC

48th Running Of The CQP!

October 5-6, 2013

1600 UTC Oct 5 to 2200 UTC Oct 6

NCCC

We will meet at the club site on October 5th at 10 AM to review the rules, the proper contest exchange and assign the operator positions.

I hope to hear from several PCARS members.

73,

Chuck, W8PT
PCARS Contest Coordinator

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!



October	
3	NR8W
10	N8QE
17	KC8PD
24	WB8LCD

December	
5	KC8PD
12	KB8UUZ
19	WB2DFC
26	WB8LCD

November	
7	KB8UHN
14	KD8FDK
21	WB8LCD
28	N8QE

January	
2	WB8LCD
9	
16	
23	
30	



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!

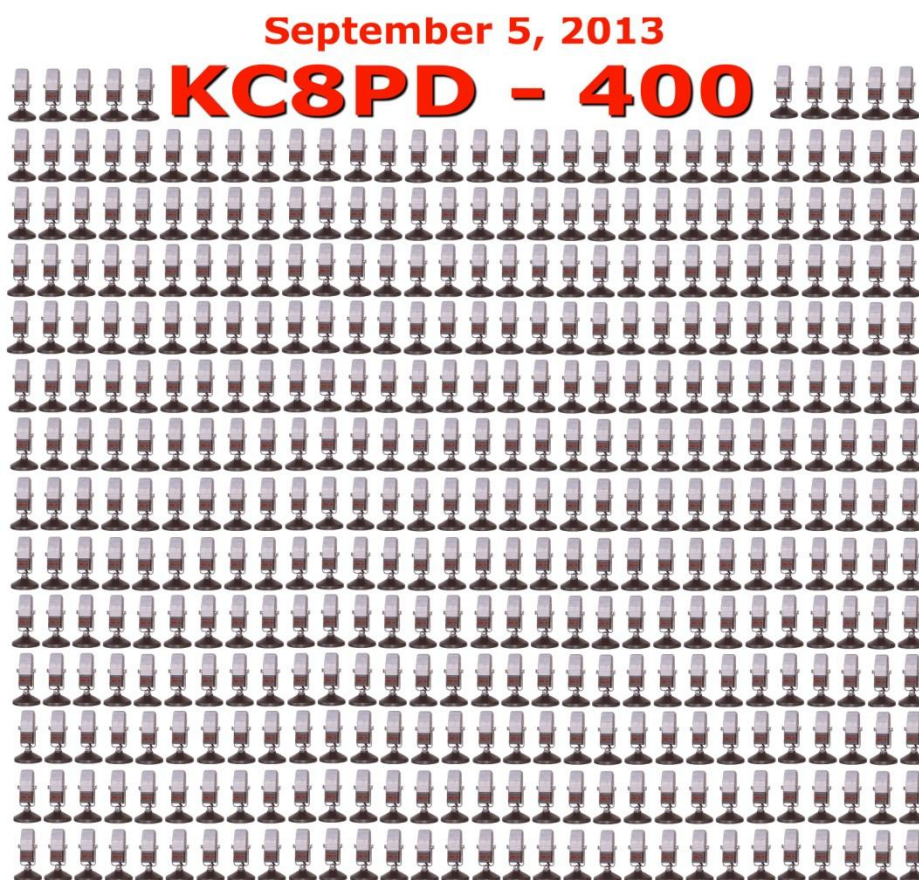
Speaking of PCARS Nets

To date, Jim, KC8PD has never missed checking in to the Thursday night PCARS net.

Even when he was on the road away from the area, he managed to use Echo-Link to get checked in.

Back on September 5th the 400th PCARS net was held, and Jim was there. So he gets the 400 award:

(Yes there are 400 microphones)



Swap-N-Shop

FOR SALE: Three (3) NEW, Never Used **Tac-Comm TRC-1 Tactical Radio Carriers** including handles, tilt-stands and all hardware plus One (1) NEW, never used TCP-1 steel cover. Paid \$197.75, asking \$70.00. See www.tac-comm.com for pictures and details.

Contact Rick, K8CAV at K8CAV@portcars.org [01/02/14]

FOR SALE: I have an excess of **IRCs**, expiring 12/31/13. Mostly of USA origin, but some other countries as well. All are properly validated (postmarked) on the lower left. I'll sell them for \$16 for ten, *including* postage to the buyer. (That's a bit less than \$2.20 each, the last price at which they were sold by the USPS.) "First come -- First served."

Contact Rick, K8GI at K8GI@portcars.org [12/02/13]

FOR SALE: AMR ATR-20 Ameritron 1.2 KW PEP Antenna Tuner, brand new - purchased for \$429.99 and never used for \$325.00 plus shipping.. A friend of mine returned my Johnson matchbox so I don't need this unit.

Contact Bud, K8MSF at K8MSF@portcars.org or call: (419) 281-1408 [11/02/13]

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

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

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

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

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

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

FOR SALE: Used Rohn 25G Tower – One standard section plus tapered top section w/rotor plate & mast pipe \$60.00

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

FOR SALE: New In Box GE Contactors

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

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

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

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

FOR SALE: Random lengths of Andrew 1/2" Super-flex ranging from 10 to 17 feet with either an N-male or DIN-male connector installed \$5.00 each

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

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

Editor's Note: Ads for PCARS members run for 3 months then are dropped from the listing UNLESS you send it in again. Each ad will have an expiration date that looks like: [01/02/14]. This will help keep the listings current.

EmComm

After each of our public service events and after every Communications Unit drill or exercise we take the time to go through an After Action Review of the performance of the communications team. The review results in a written After Action Report (AAR) which then provides the basis for an Improvement Plan that can recommend procedural and operational changes to be made based upon the lessons learned from the event or drill.

The first step in the review is a debriefing, ideally conducted with all team members present immediately or shortly after the team has finished its work. Everyone present has the opportunity to offer his or her comments. Each volunteer's input is valued because everyone experiences the event from a different perspective.

If an in-person debriefing is not practicable, the team leadership will request written comments that can be incorporated into the final AAR.

The AAR format that we typically follow looks for comments on these questions: What did you expect to happen? What actually happened? What went well and why? What can be improved?

Expectations may have been based on insufficient or misunderstood instructions or a plan that was not adequate for the event, all things that would be critical for planners to know. Actual events can always vary from expectations because there can be many uncontrollable variables for each event.

We want to know what worked well so that we can try to use the same strategies and tactics in the future. Why they went well is just as important. Was it because of planning, training, experience, volunteer initiative, and so on?

As far as what can be improved, we are never looking for criticism of the performance of other volunteers. That can be handled separately. Instead, we are looking for candid assessments of the plan or the effort with suggestions for ways to improve the product.

This is a very condensed review of the AAR process. What you should take away from this column is that you can do an after action review of virtually any operation: running a business, managing a radio club, you name it. Preparing an AAR does take a bit of extra effort but the return on that investment of time is well worth it.

I have learned that the first step in planning a communications operation for an event is to go back to the previous year's AAR or Improvement Plan for a reminder of the issues that were identified as either best practices or in need of change.

Next time you plan an activity or operation of any kind, why not give the after action review process a try? You will learn and benefit from it.

As always, a reminder of upcoming public service events:

* Ravenna Parks and Recreation – Got Bike, 10/6, contact Mike, KD8FLZ, kd8flz@portcars.org



73,

Jim, KC8PD/AAR5AI

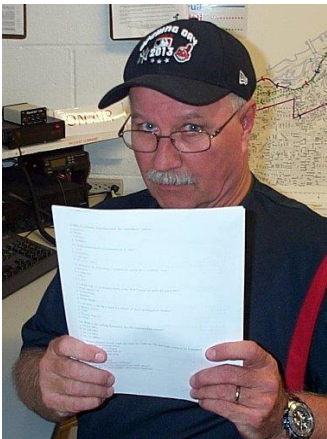
**Radio Officer, Portage County OHS/EM Communications Unit/RACES
DEC, ARES® District Five**

September Net Night

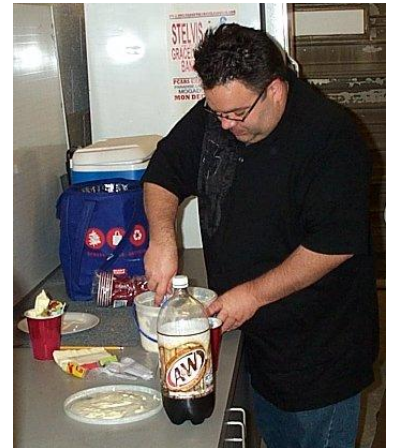
Net Night at the Club Site has been a pretty popular event for the past year. It's meant to be a time when you can come to the club site, get on the PCARS net (and/or the ARES® and RACES nets), and just spend some time hanging out.



Amateur Radio trivia quiz. This month was a trivia quiz, and the winner with a score of 17 was Russ, NR8W. Russ won his choice of 10 tickets in the October 50/50, or 5 tickets in the November 50/50. Russ chose the November tickets but we still expect him to buy LOTS of additional tickets on that special night.



Dave, WB2DFC was our PCARS Net Control operator for the evening and ran the net from the club site. Most in attendance did check in from the parking lot with either an HT or their mobile rig. All in all, it's a pleasant evening of enjoying the Ham Radio hobby and a great group of PCARS friends. If you haven't been to a net night yet, put it on the calendar. (The next Net Night is Thursday, October 24th)

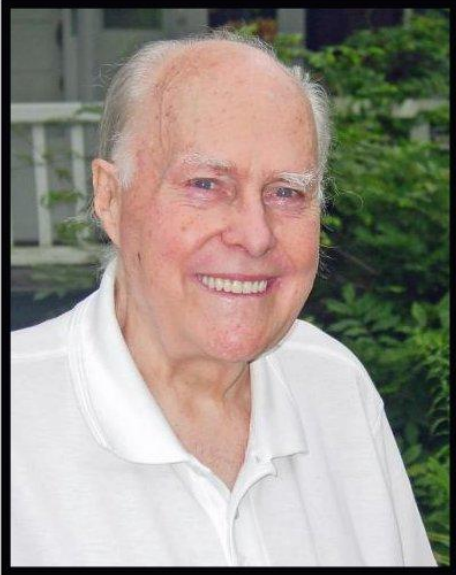


We've had snacks including pizza, chips, popcorn, beverages, and this month we were treated to Root beer Floats by Amy, KD8SKL and her husband Quentin. Very tasty! There's always some kind of easy activity, a get on the air challenge, or, quite often, an



73,
Tom, WB8LCD

Wayne Green, W2NSD, SK - Ham Radio Publications Pioneer, Visionary, Iconoclast

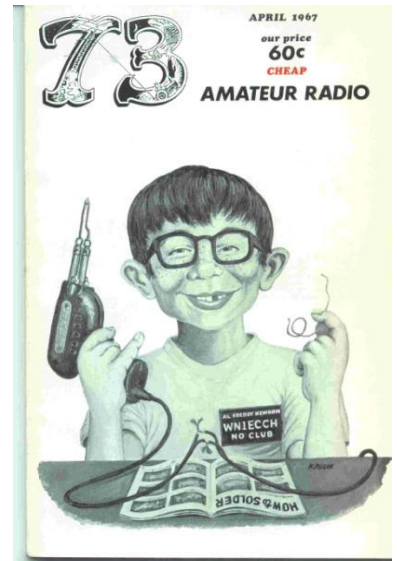


Wayne S. Green II, W2NSD (“Never Say Die”), of Hancock, New Hampshire, died September 13. He was 91. A well-known and often outspoken figure during what some consider Amateur Radio’s golden years in the 1950s and 1960s, Green helmed CQ Magazine for 5 years before becoming the self-proclaimed “El Supremo and Founder” in 1960 of 73 magazine, which he published until 2003.

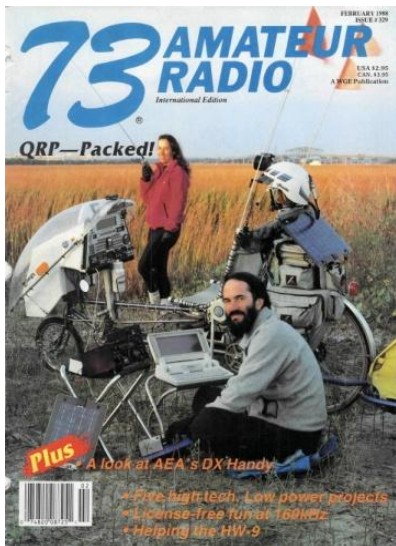
“The purpose of [73] at that time was to get more hams building equipment,” Green recounted in a radio interview several years ago. A hallmark of 73 was Green’s iconic, rambling, and wide-ranging “Never Say Die” editorials, in which he rarely missed an opportunity to tweak the ARRL and his magazine competitors for their perceived shortcomings. In 2012 Green contributed back issues of 73 to Internet Archive.

“Wayne will be remembered in many different ways by many different people, but he will be long remembered,” said ARRL CEO David Sumner, K1ZZ. “He maintained his membership in the ARRL despite being a persistent critic. In the early days of packet radio he gave me some good advice as to how the ARRL should promote the new technology: ‘Talk about it as if everybody’s doing it, and eventually they will be.’”

Indeed, Green often was ahead of the curve in promoting such technologies as single-sideband phone, solid-state, FM, and the marriage of computers and ham radio, and he went on to found and publish Byte and other computer-oriented publications. “I live mostly in the future,” Green was quoted as saying.



Former ARRL Contributing Editor Stan Horzepa, WA1LOU, once wrote in his “Surfin’” web column, “We take computers and the Internet for granted today. I first became interested in computers when Wayne Green, W2NSD, started writing about them in 73 magazine in the 1970s. Back then, you had to build your own from scratch or from kits.”



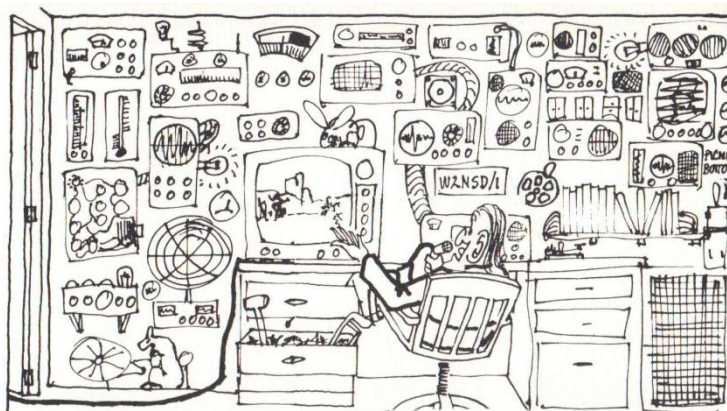
Green maintained a larger-than-life presence, even in the years after he faded from the Amateur Radio spotlight, and he never did really retire. “Hey old buddy, I will miss you,” radio talk show host Art Bell, W6OBB, posted to Wayne Green’s blog. “NEVER SAY DIE is a phrase that will be with me till it’s my time.” Green was an occasional guest on Bell’s “Coast to Coast AM” overnight talk program. There hardly was an issue that Green would not confront, and he expounded a variety of unconventional science, health, and medical theories - from cold fusion and the moon landing to AIDS and cancer cures. He continued to write and speak frequently on these topics and others, as well as on public policy, even at hamfests where he was a guest.

The “Final” in his blog sums up Green’s overarching philosophy. “Wayne Green passed away September 13, 2013 in a peaceful, painless transition from this life on Earth. An eternal optimist, and one who loved to share his never-ending zest for life, he was a friend to many and will be missed greatly. Wayne was not afraid of dying and was very much ready to embark on his next great adventure to the afterlife.”

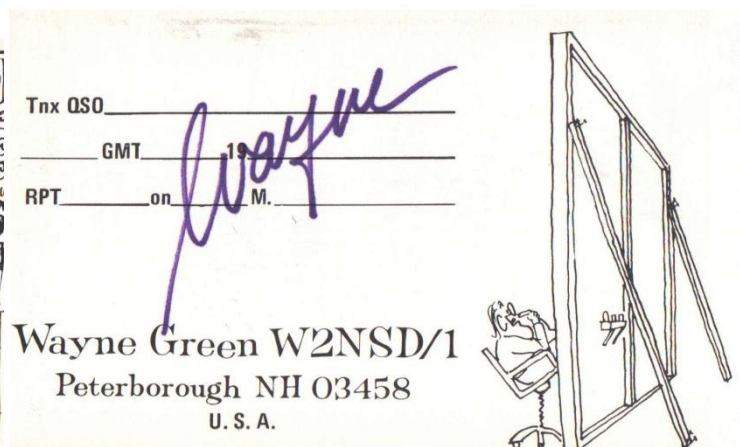
From the ARRL

W2NSD QSL Card

Back in 1995 I sent a letter to Wayne Green talking about how I finally got started in Ham Radio. I told him it was my YL, Peggy, KB8SZI who got her license first and that really lit the fire under me to get busy and get my license. Much to my surprise the letter I got back from Wayne was a full typed page and he wrote about many things and congratulated Peggy and myself for getting our licenses. With that letter, he also sent one of his QSL cards that he autographed. I still have that letter, envelope and card. I always thought it was a really unique QSL. Here it is to share with you.



Front - Look at ALL those radios !!!



Back - Well, all that gear really looked impressive on the front..... HA !!

Tom, KB8UUZ

K8GI - Member QSL Card

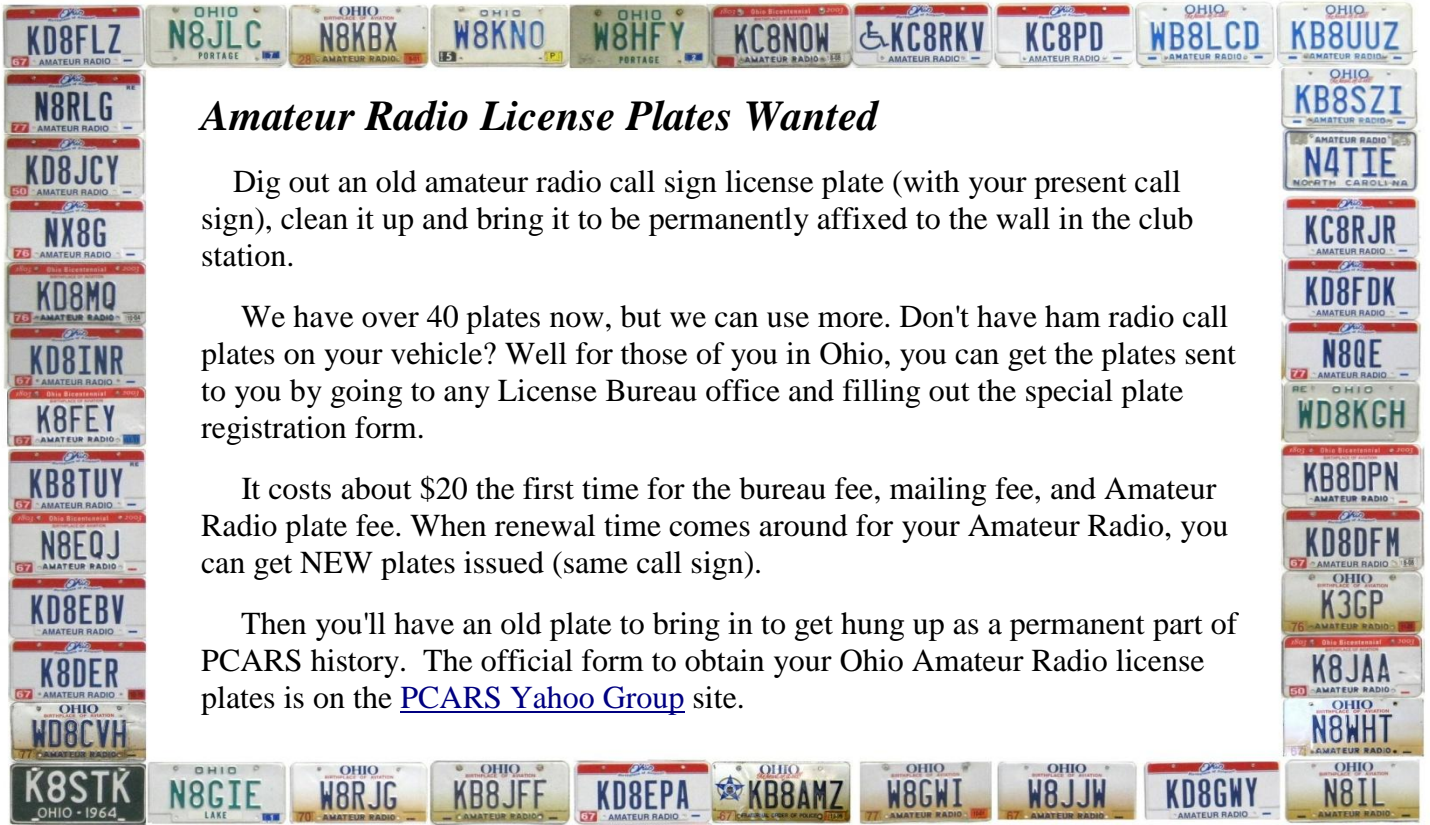
Here's a card from Rick from one of the islands he activates while on vacation.

Rick has promised to write up a story or two (or three, or four) about some of his adventures in outdoor amateur radio. This one is from IOTA NA-058 which is Sapelo Island just off the coast of Georgia.

I looked on the RSGB IOTA site and saw the spots that show when Rick was active on NA-058.

K8GI/4	2013-09-05	23:30:00	28460	IOTA NA-058
K8GI/4	2013-09-04	14:25:00	21070	IOTA NA-058
K8GI/4	2013-09-02	13:38:00	14071	PSK IOTA NA-058
K8GI/4	2013-09-01	17:42:00	21260	TU RICK NA-058
K8GI/4	2013-02-06	22:21:00	21085.5	TTY CQ NA-058
K8GI/4	2013-02-03	14:44:00	24924.5	CQ RTTY IOTA NA-058





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

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

Then you'll have an old plate to bring in to get hung up as a permanent part of PCARS history. The official form to obtain your Ohio Amateur Radio license plates is on the [PCARS Yahoo Group](#) site.

PCARS Meetings

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

Meetings are at:

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



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



Spud Gun Project



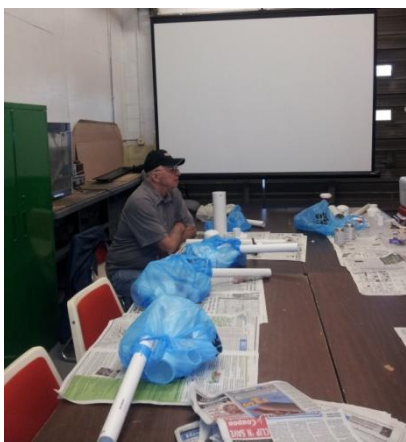
Saturday 9/21 a small group met at the club site to assemble the “antenna launch” system in a project that was put together by Russ – NR8W. Russ did an outstanding job of “kitting” the project for a total of 11 builders. Each kit had all the necessary pieces (except for the fishing reel of the user's choice) and there was plenty of glue, primer and newspaper for every one present. All parts were pre-cut and marked for easy assembly.



Russ took a published plan and re-worked it so that it could be made more inexpensively. He also took the time to drill and tap the hole for the Schrader valve so that it would be sure to have an air tight seal. The kits all went together without a problem. It was suggested that pressure not be applied for at least 24 hours to give the glue time to set.



In addition to the builders, there were several watchers who showed up just to check the project out. One of those watchers, Mike – KC8UNR, just happened to be having a birthday that day. Club secretary Amy – KD8SKL, brought along a cake and we all helped Mike celebrate his 27th Birthday!



I took my “antenna launch” system home and let the glue set for the prescribed 24 hours. In the meantime I mounted the Zebco 33 fishing reel on the end. Using a bicycle tire pump, I put about 5 pumps of air in the launcher and it propelled the “spud” about 50' in the air. Ten pumps gave me about 75 feet. Certainly adequate for any portable operations I might be doing, and, as I'm about to replace the Carolina Windham in my backyard, it'll get me to the top of any tree I have to work with.



I can see that this is going to be a handy item to have around – Well Done Russ!

Tom, WB8LCD

Ohio ARES® Conference

Saturday - November 9, 2013. The ARRL Board of Directors recently approved the AOAC as a Specialty Convention. Therefore, this makes the conference eligible for a guest speaker from ARRL HQ. Ohio's illustrious Section Manager Frank KI8GW is working diligently in getting a guest speaker from ARRL HQ. There aren't any guarantees but I am hoping someone from HQ will "roger up" and join us for the All Ohio ARES® Conference.



The conference agenda is filling up. But there's still room for more. I have 30 minute slots and 45 minute slots open. Do you have something amateur radio related to share? Do you have something you'd like to teach or educate ARES® volunteers? Or how about something to show off or demonstrate? Last year, there were 105 participants in attendance. Here's your chance to get in front of them and show'em whatcha got.

This year will feature the ever-popular Go Box Display and Emcomm Vehicle/trailer display. There were 20 some go boxes and portable antennas on display last year. It was a smash hit amongst the participants. This is a wonderful opportunity to share ideas and show-off all your hard work.

Here's the Emcomm Vehicle / Trailer line up so far...

Dayton Amateur Radio Association - Delaware County ARES® (N8BHL)
Marion County ARES® - Medina County M2M (K8FH) - Shelby County ARES®

In addition to the training presentations, we'll also be presenting the 2013 ARES Membership Drive winners and 2013 winner of the Ross Stillisano KB8JTZ Memorial Award. We'll hear an update from the Digital Communications Committee. Statewide Simulated Emergency Test results will be announced.

Time to upgrade or take your Technician License Exam? No problem! There will be a volunteer exam session at the All Ohio ARES® Conference this year. Check out http://www.arrl.org/exam_sessions/reynoldsburg-oh-43068-3340-2 for details.

All participants are asked to register online at <http://www.arrl-ohio.org/SEC/default.html>. Scroll down the page to the registration link. The online registration is important for accountability and proper food procurement.

For those who are traveling from afar, there are several hotels and motels in the area to choose from. More than likely, I'll be staying at a hotel Friday night near the Fire Academy.

Participants at the 2012 All Ohio ARES® Conference set quite a few benchmarks. With your help, we can exceed those bench marks to make 2013 AOAC the best one yet. Wanna see what you missed at last year's AOAC? Check out all the photos posted by clicking on this LINK:
<https://plus.google.com/photos/114950466129640931544/albums/5811911352301331825>.

73 de.

Matt, W8DEC
Ohio Section Emergency Coordinator

Operating Your Station Remotely... The Next Best Thing to Being There!

This article is a summarization of my experiences rather than a step-by-step technical set of instructions on setting up a remote operation. All the photographs and illustrations are the property of Elecraft® & were used with their written permission.

Having retired in early December 2012, I was faced with a lot of options. To make a long story short, we now have a second home in the Houston, Texas area, but it has some very stringent HOA restrictions; one of which is NO outside antennas, except for satellite television.

I mulled things over for a few weeks as to how the heck I was going to continue DXing, my passion on the HF bands, while spending time in Texas with my grand children. One day I was having a conversation with my good friend Wayne, KK6BT who lives in South Carolina, and he suggested that since I wasn't selling the house and property in Ohio, I should operate remotely and continue using the antennas that have already proven themselves in so many instances.



Photo property of Elecraft®, used with written permission.

The equipment at the Ohio QTH consists of two Elecraft® K3s, a KPA500 solid state amplifier, a KAT500 auto-tuner, along with a Green Heron rotator control box (model RT-21) for the Ham IV rotor. This represents about 99% of what I needed to be able to operate remotely. All that was needed was to purchase the RemoteRig control units and their required cabling.

After doing some initial online research, I called Elecraft® to speak with their RemoteRig guru, Brandon (he plays a pivotal throughout this article) in order to validate I was ordering the correct equipment. The purchase was made and within the week all the components arrived.

I began by sitting down and reading *the Elecraft® K3-Remote (including K3/0) Owner's Manual* from cover-to-cover. Most of it appeared pretty straight forward, with the exception of the needed IP addresses to make things “talk” with one another. Since I am using two K3 radios, the cabling hookups are very straightforward and all went together in about 15 minutes. I removed the K3 I would be taking to Texas from the station power supply and hooked it up to its own power supply. This would allow me to simulate operations for the first round of testing.

I, once again, called Elecraft® and spoke with Brandon and made the necessary changes to the RemoteRig units through a combination of a web browser and the MicroBit Setup application I installed on a PC. This took approximately 20 minutes of hand holding and a very clear and thorough explanation of what was exactly taking place each step of the way. I now have the RemoteRig (control unit) set up so I can go anywhere in the World and it will automatically pick up the needed IP address to connect to the RemoteRig (remote unit) back in Ohio!

After the initial testing to make sure I could actually connect to the “remote” radio and control it via the

home Intranet, I needed to go to my next door neighbor's house to borrow an Internet connection to come in over the Internet. To be honest, it took longer to move the equipment, than it did to actually make the

Diagram property of Elecraft®, used with written permission.

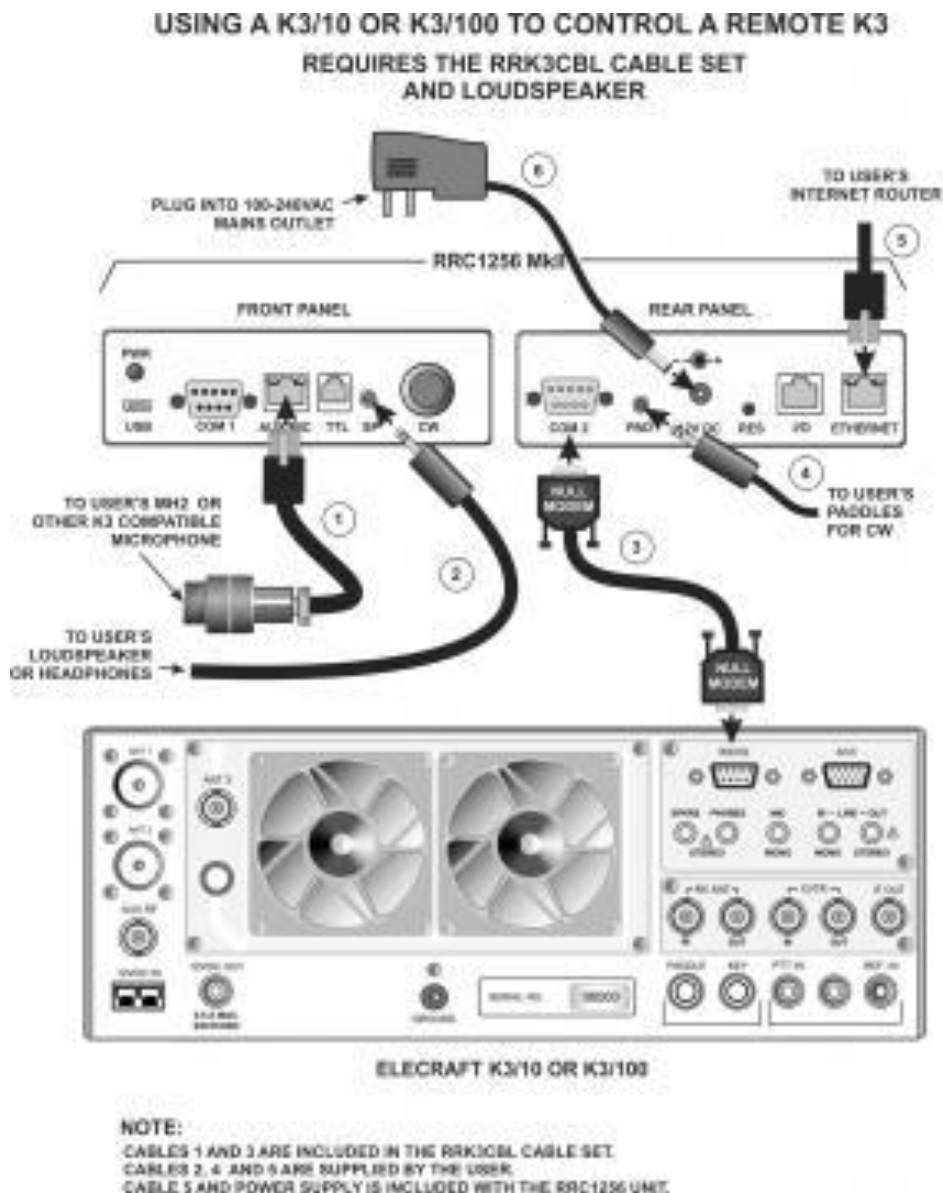
connection and test things! For the most part, it passed with flying colors, with the exception a loud “hissing” sound. Since this was late in the evening, a call to Elecraft® would have to wait until the next day.

I then decided to test the Green Heron rotor control box via the Internet to make sure I would be able to rotate my directional antennas. This is accomplished by downloading Goggle Remote Desktop on a couple of computers, along with the DXLab's DXView application on the “remote” PC. With a couple of key clicks on the “control” PC, I can change beam headings as easily as sitting at my desk that is over 1400 miles away!

The following day, I contacted Elecraft® again to speak with Brandon, and after 15 minutes or so we were able to tweak the RemoteRig units to remove the noticeable hissing.

A couple of days later we packed up the car and headed to Texas, with all the needed radio gear; K3 radio, RemoteRig unit, power supply, paddles and assorted cables. I postponed setting things up for about a week, as there was just so much to do upon arrival. Afterwards, I unpacked all the gear and set it up, fired things up and patted myself on the back when I began copying CW signals and working DX contacts. My next “test” will be to operate a contest remotely!

Amateur radio is a very important part of my life, as I find it so rewarding. When my XYL – KD8CMB & I started talking of a second home in Texas, I was quite upset as I knew it meant giving up CW for long periods of time. This new found ability to operate remotely has allowed me to enjoy the next best thing to being there! If you are interested in learning more about these products and software, please take the time to review their respective web sites: Elecraft: www.elecraft.com RemoteRig and Microbit: www.remoterig.com Green Heron: www.greenheronengineering.com DXLab: www.dxlabsuite.com



73 de,
Jim, KE8G

True Love and Towers



As hams, we are a different lot. Some people measure their family's love by the gifts they get on special occasions. Other people measure their family's love by the amount of time they spend with them or the places they take them.

As a ham I feel that the true measure of my family's love is shown by the fact that during my recent tower construction project they all pitched in to help. Karen N8HUC, Jennifer KB3GXB and Kristen KB3OQV all three took turns hanging from a climbing harness to align tower sections and help install bolts as I stacked three 44 foot Rohn 55G towers using a 50 foot JLG aerial work platform and a 26 ton crane from Alliance Crane.



The three towers, now completed, support a 160 meter loop, 80 meter inverted "V", Hustler G7-144 and a Hustler G6-440.



I now know that the only real way for a ham to tell if his wife really loves him is to ask her to climb his tower. If she does then it is true love.



73,
James, KD8VT



Pennsylvania QSO Party



Contest season is approaching, and along with the biggies, I always look forward to the PA QSO Party. This dates for this years contest are October 12th & 13th.

The PA party is one of, if not the best of the state QSO Parties. The contest period runs from Noon, on October 12th, to 6 PM on October 13th, with an 8 hour break between 1AM & 9 AM Sunday morning.



The rules are simple, and can be found online at <http://www.nittany-arc.net/PAQSO.html>.

For those who may be planning rover, mobile, or portable operations, and want to concentrate on those counties which have proven to be rare previous parties have a look at http://kd8mq.net/?page_id=9. Activity levels by counties are available there.



Also, there is a Pa QSO Party Reflector where many operators post their party plans. Bud, AA3B compiles the plans and posts them to the reflector every week.

As I said before, this is one of the best of the state QSO Parties. If you are pursuing your Worked all Counties, it's a great way to polish off an entire state in one weekend.

Ben, KD8KMQ, Allen, WI8T, and myself are again descending upon John, N8PLA's Jefferson County cabin, in Sigel, PA. Allen, & I have participated in the party almost every year since 1987. We've moved around some, activating such counties as

Indiana, Armstrong, Butler, Clarion, forest, and most recently, Jefferson.

This years bread & butter bands for are likely to be 40 & 80 SSB. We'll also be giving 6 Meters a try. CW, and PSK are also being planned.

Hope to hear you on!



John, KD8MQ

Check it out - CQ Magazine Website & PCARS

<http://www.flickr.com/photos/cqphotogallery/sets>



Amateur Radio

News and information of interest to ham radio operators from CQ Amateur Radio magazine, the world's leading independent ham radio magazine.

CQ Launches Online Photo Gallery

CQ magazine has launched a photo gallery on the "flickr" online photo site to supplement photos published in the magazine. According to Editor Rich Moseson, W2VU, "we both shoot and receive many more photos than we are able to print, but we still want to share many of them with our readers. The new CQ Photo Gallery allows us to do that." Initial sets of photos

include CQ cover images, the "CQ Garage" featuring ham radio license plates from all over, and photos from the FCC's February field hearing on lessons learned from Superstorm Sandy. The gallery may be accessed at <http://www.flickr.com/photos/cqphotogallery/sets>.

Posted by CQ Newsroom at 9:41 AM



Recommend this on Google



The "CQ Garage" section of the CQ Photo Gallery features ham radio license plates from all over. [Photo courtesy Portage Co. (OH) Amateur Radio Service]

JOTA - Scouting's Jamboree on the Air 2013

The 2013 running of Scouting's Jamboree on the Air (JOTA <http://www.arrl.org/jamboree-on-the-air-jota>) is just weeks away. The 56th JOTA will take place the weekend of **October 19-20**, from 0000 local time Saturday to 2400 local time Sunday. JOTA gives members of the Boy Scouts of America a chance to experience Amateur Radio firsthand, perhaps planting the seed for a lifetime of hamming.

The world's largest Scouting event, JOTA attracts nearly 750,000 Scouts participating from 6000 stations in 150 countries. Not a contest, JOTA's goal is to foster Scout-to-Scout communication across borders.

"The idea is to contact other Scout stations and allow as many Scouts as possible to talk to other Scouts and learn about who they are and what they are doing," the BSA says in its JOTA guidelines

(http://www.scouting.org/jota/operators_guides.aspx), which offer suggested

frequencies. Licensed mentors often open their stations to Scouts on JOTA weekend, serving as control operators. Radio operation will be on 80 through 6 meters and 2 meters and 70 centimeters FM simplex, all modes.

Through its Radio Scouting sponsorship, Icom America is providing stations for JOTA and other Scouting events, including the loan of five stations that will be on the air for JOTA 2013.

Last year more than 18,500 US Scouts took part in JOTA from more than 200 stations -- up by nearly 500 percent from a year earlier.



From the ARRL

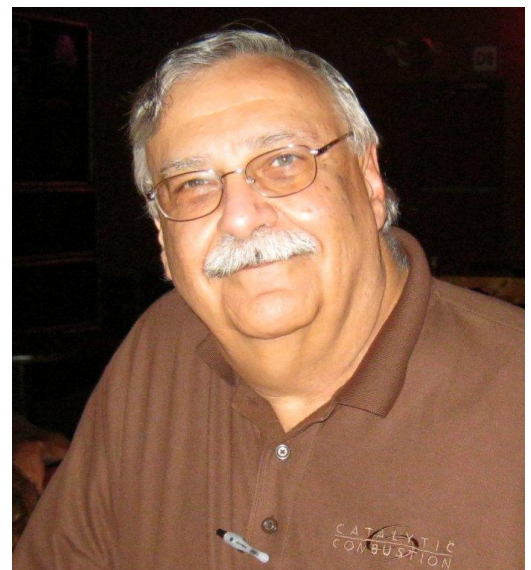


Charlie the Tuner's HF High-Lites

Boy, I don't know about you folks but it sure has gotten chilly lately. October is here and Autumn is upon us. I don't think that frost is on the pumpkin yet but it was in the 30's the other night.

I am busy getting the DX Engineering (shameless plug) 80 meter vertical up. The mounting pole is in 1680 lbs of concrete and I just installed the radial plate today. Next comes the pivot base and then the real work starts. I have 60 radials prepared and my neighbor is welding up a small narrow bucket for his front end loader so he can dig a trench for the coax. I am counting on good WX for the next several weeks since this will be a process not an overnight event. Anyway, I am counting on working some 80 meter DX come Winter.

Which leads me to the DX for the next several months. I received an email from one of the PCARS members saying that he was sort of frustrated that I did not include operating frequencies or times as to when some of the more interesting DX would be on. I want to insure all of you that what I choose to include in this column, contains all the information I have at that moment. I do not leave anything out. If there is a web site given to go to for more information, I include that also. You will see that in some of the listings below.



I continue 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.

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).

3DA0, SWAZILAND. Roger, ZS6RJ reports that there will be a 3DA0ET DXpedition to Swaziland taking place between November 18-27th. He mentions that the team will be finalized sometime next month after everyone over on the EU side is back from their holidays. This will include their roles etc... along with the Web site and QSL information. Roger did provide the aims of the DXpedition, which are:

- * To participate in the CQWW DX CW Contest (November 23-24th) as a Multi-2 category contestant.
- * To give as many folk as possible a new entity or band/mode slot, providing CW, RTTY and SSB.
- * To address the often-neglected need for digital modes via a full time dedicated RTTY/PSK station running from the start for the entire duration of the DXpedition.
- * To operate 160 meters through 6 meters.

3W2/XV4, VIETNAM (IOTA Op). Mike, N0ODK, states that he will once again be active from Ho Chi Minh City, but this time as 3W2DK (not 3W6DK - Vietnam has changed their districts) between Oct 17-24th. He will then travel to Phu Quoc Is. (AS-128) and be active as XV4MN between Oct 24-29th. His activity will be on 20/17/15/10 meters from both locations. Also, look for him to be in the CQWW DX SSB Contest (Oct 26-27th) as a Single-Op/Low-Power entry. After his Phu Quoc Is. operation, he will return to Ho Chi Minh City and will be active until Nov 2nd. Mike mentions that during his operations he will be asking for stand bys for NA Zeros often to get into the midwest. QSL via N0ODK, direct, by the Bureau or LoTW. He states on QRZ.com, "If you have different contacts with me as 3W6DK, 3W2DK, XV4MN, or N0ODK, please QSL in one package to save you time and money and I can QSL all in one time. I collect QSL cards so if we QSL, please QSL even if you do not need my QSL card. I will QSL if in logbook."

5X, AFRICAN TOUR. Nick, G3RWF, has announced that he will once again be active as 5X1NH from the University of the Mountains of the Moon (MMU) in Fort Portal, Western Uganda and (occasionally) the capital, Kampala, between Sept 24th and Nov 16th. He is expected to join/meet with Alan, G3XAQ/5X1XA, later and both ops will travel to Rwanda to be active as 9X0NH between Nov 19-29th. The duo plan to participate in the CQ WW DX CW Contest (November 23-24th) from Rwanda. QSL 5X1NH and 9X0NH via G3RWF. QSL 5X1XA via G3SWH.

9G, GHANA. Jeff, W7JVN/9G5AC, reports on QRZ.com [edited]: "My wife Beverly (WB7NLY) and I have been called to a church mission in Ghana, Africa. I thought it would be nice to be on a DXpedition here so I brought my Yaesu FT 857 radio with me and have set up a humble little station at my house. I have a 20 meter inverted V dipole antenna mounted on a 30 foot bamboo pole. The natives here use these poles to mount a small UHF TV antenna on. Every house has a bamboo pole antenna. Some are longer than the one I found, but I thought I was very lucky to find that one. I use a 12 volt battery off my generator for power for the radio. Who needs power in the house as long as the radio will work? I will get on 20 and 15 meters SSB whenever I get a chance and when the bands are open here. With the antenna I have and only 100 watts, I don't think I will have a big signal out of Ghana but I have made several contacts so far with good reports. I will be in Asamankese, Ghana (which is in the bush), for about 16 months. Date of this post is July, 2013. I am looking forward to working as many stations as possible, and I hope you are one of them.... 73 Jeff 9G5AC"

A5, BHUTAN. Guenter, DK4YB, will be active as A52YB from Bhutan between October 5-20th. Activity will be on 20 and 15 meters using CW, SSB and PSK31. He will operate mobile on the 9th, 13th and 16th. Suggested frequencies are: CW - 14060 and 21055 kHz, SSB - 14195-14285 and 21285 kHz and PSK31 - 14070 kHz. Equipment will be a KX3 with 5 watts, HCT, HF-P1 Vertical and Longwire. QSL via his home callsign, by the Bureau or direct.

A7, QATAR. Members of the Qatar Amateur Radio Society (A71A) calling themselves the "A73A Contest Team" will be active during the CQWW DX SSB Contest (October 26-27th) as a Multi-Op/Multi-Transmitter entry. QSL via A71A.

AH2, GUAM. Yuji, JF2WGN, will be active as AH2EA from Guam (OC-026) between October 17-21st. Activity will be

on the HF bands. QSL via his home callsign only (not Guam). All QSLs will be sent via the Bureau, if you want a QSL direct do not send your card until after January 2014.

ASIAN TOUR (Update). Pekka, OH2YY, will activate Nepal (9N) between October 2-5th. He has applied for the callsign 9N2YY, but the final confirmation will take place upon arrival in Kathmandu. After Nepal, between October 6-10th, Pekka will be visiting the Kingdom of Bhutan (A5). He has been assigned a Bhutanese license and callsign A52YY. Both in Nepal and Bhutan, Pekka will be traveling mainly during the daytime hours, but during his evenings and nights, he will be active on 40-10 meters using SSB. He cannot take any amplifier or yagis with him, so the operations will be basically with a 100w transceiver and dipoles. His license in Nepal will cover bands 17-10 m, but his Bhutanese license allows all HF bands. Pekka's plan is to have antennas for 40-10 m, and he will try to have two or three antennas up simultaneously. He states, "The propagation forecasts are not very good for North and Central America, and therefore, he will try to have a bit better antenna on 10 meters. Pekka will do his best to utilize the short openings that are predicted around midnight UTC for the West Coast and noon time for East. QSL via OH2YY, by the SRAL Bureau or direct to: Pekka Ahlqvist, Vapaalanpolku 8B, 01650 Vantaa, Finland. Also, he will use LoTW.

BY, CHINA. The "425 DX NEWS" reports that CAMSAT (AMSAT China) will hold "a big DX party" from the outskirts of the city of Dunhuang in northwestern China (Zone 23, WW Loc. NM79aw) between October 19-28th. Alan, BA1DU, and a very large group of operators coming from all over the country will be active with four well equipped stations: one for 2 and 6 meters, one for 70 centimeters and two for 160-10 meters. Meteor Scatter and EME activity will be emphasized (this will include participation in the ARRL EME Contest), as well activity on the low bands. Special callsign BJ9TA will be used for operating above 50 MHz and on the low bands, while BY9GA/9 will be used for the other bands and for participation in the CQ WW SSB Contest. QSL via BA1DU.

BY0, CHINA. Operators Terry/BA7NQ, Vange/BA7IO, Rumei/BD7LMD, Yang/BD7IXG, Xu/BD0AS, BD0APD, Lin/BI7IOB and Wong/VR2KW will be active as BY0AA during the CQWW DX SSB Contest (October 26-27th) as a Multi-2 entry. QSL via BA4EG. Activity will begin on October 24th, with a focus on the low band only before contest.

C82, MOZAMBIQUE (Press Release #3). The following was sent out on July 16th [edited]: "This has been a busy month for the C82DX team. With only 90 days before we are QRV we have filled the remaining operating positions and added several individuals to our off site support team. Joining us are such well known DXers as Bill/K1MM, Bruce/W6OSP, Charlie/NF4A and Wild Bill/N2WB. Our South African contingent now includes Pierre/ZS6PJH Chairman of the Pretoria ARC. Low Band operations remain the primary objective and we have secured both Titanex and Battle Creek Special verticals. We have also obtained the sponsorship of Array Solutions with one of their new shared apex loop array RX systems and W3YY FSK/CW interfaces. They join ICOM (our main equipment supplier with IC7600s) and SteppIR (CrankIRs) as our major donors to our DXpedition. During the day we will operate all HF bands including 6 meters. Our website has been expanded by our webmaster, K6MM. If you haven't been there lately, please visit, <www.c82dx.com>, where you can learn more about our plans. Tom, N4XP and Don, N1DG -- DXpedition Co-leaders"

E5, SOUTH COOK ISLANDS. Fabio, IZ0YIV, will be active as E51YIV from the following islands between October 9-17th. His tentative schedule is: Oct 9-13th - Rarotonga Island (OC-013) Oct 13-17th - Aitutaki Island (OC-083) Activity is holiday style, possibly on 20/17/15m (not yet decided), using SSB and the Digital (RTTY, PSK, JT65 and JT9 mainly). QSL via his home callsign, direct, by the Bureau or via eQSL or LoTW.

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

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

OQ4, BELGIUM (Special Event). Members of the ONZ Oost Kust Radio Club (ON4CLM) and other radio amateurs belonging to UBA clubs and groups will activate the special station OQ4CLM from Knokke between October 16th and November 15th. This is the club's 32nd anniversary activating the special event station. The suffix "CLM" stands for "Canadian Liberation March". Activity is to remind everyone of the 33km march that the Canadian troops did coming from the town Hoofdplaat in Holland to liberate the town Knokke in 1944. Each year, the ONZ uses a different prefix, and this year they were granted the use of the special prefix OQ instead of ON. QSL via ON3AIM. For more information and details about the special event station, visit their Web sites at: <http://www.qrz.com/db/oq4clm> <http://www.oq4clm.be>

OX, GREENLAND. Operators Mia/OZ5MD and Bjorn OZ5BD will be active as OX5M and OX5T, respectively, from Sisimiut, Greenland (NA-018), for at least the next two years. Activity will be on 40-6 meters using CW and SSB. QSL via OZ0J.

S7, SEYCHELLES. Cesare, I0WDX, will be active as S79WDX from Digue Island (AF-024), in the Seychelles Island group between November 12-23rd. Activity will be 160-6 meters, propagation permitting, using an Icom IC-7000 into a vertical by 11UJX and dipoles for 80 and 160m. QSL via I0WDX direct or LoTW. No QSLs via the Bureau.

T32, EAST KIRIBATI. Tim, NL8F, will be active as T32TM from East Kiribati between November 27th and December 11th. However, during his second week there he may possibly join up with the T32RRC team. More details on this is forthcoming. QSL via K8NA.

TC90, TURKEY (Special Event). The members of the TCSWAT (Special Wireless Activity Team) have been active with the special event TC suffix callsigns for some years now to celebrate the anniversary of Republic of Turkey. In 2013, Turkey will celebrate their 90th anniversary, and between Oct 14-31st, the TCSWAT will be active once more as TC90TC. More details will be available on QRZ.com in the coming days. Activity will be on all HF bands and modes. Plans are ongoing for a Multi-Multi entry at CQWW DX SSB Contest (Oct 26-27th). QSL via TA1HZ. Please be aware that QSL cards will be printed in 2014, so DO NOT hurry to send direct requests. TCSWAT sends QSL cards 100% via the Bureaus every year.

TN2, REPUBLIC OF CONGO (Update - Date 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 October 12-24th (not September 28th-October 11th as announced earlier). 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>

TO4, MARTINIQUE. Thierry, F4BDG, will be active as TO4FM from Martinique (NA-107) between October 5-20th. Activity will be on the HF bands. QSL via EA5GL or on eQSL and LoTW.

TX5, AUSTRAL ISLANDS (Update). Operators Grant/KZ1W and Rob/N7QT will be operating as TX5D from Raivavae Island (OC-114) on an Elecraft/SteppIR/WWDXC sponsored DXpedition between October 2-14th. They will be using the new CrankIR portable antenna system from SteppIR, as well as Elecraft K3 transceivers and KPA500 amplifiers. Their operational base will be two bungalows located on the north side of Raivavae Island, and less than 20 feet from the Pacific Ocean. Activity will be on 80-10 meters using CW, SSB, RTTY and PSK. Log will be updated daily to Clublog <www.clublog.org> with QSOs data/history; internet bandwidth permitting. QSL available via LoTW, eQSL, by the Bureau, or direct (SASE + IRC).

TX5, AUSTRAL ISLAND. Operators Dave/K3EL and Don/VE7DS will be active as TX5RV Raivavae Island (OC-114)

between October 30th and November 6th. Activity will be on 80-10 meters using mostly CW, maybe some SSB and RTTY. The Austral Islands are currently 44th on the ClubLog "most wanted" list, very high for a fly-in destination, with a particularly low percentage of ClubLog users having contacts on 10 or 12 meters. Suggested frequencies are: CW - 3531, 7031, 10119, 14031, 18081, 21031, 24914 and 28031 kHz SSB - 7065/7165, 14220, 18115, 21315, 24970 and 28475 kHz RTTY - 7037, 10144, 14082, 18102, 21090, 24927 and 28090 kHz

XZ, MYANMAR. It was reported by a few sources that Zorro, JH1AJT, who was active as XZ1X from Nay Pyi Taw last week and was expected to return in September, has now postponed his return until October/November.

YJ, VANUATU. Tug, JA2ZS, will lead a team of four JA operators and will be active as YJ0ZS from the Iririki Island Resort, Port Villa, between November 1-11th. Activity will be on 160-6 meters using CW, SSB and RTTY. QSL via JA2ZS. No other details were provided.

ZD8, ASCENSION ISLAND. Marko, N5ZO, will once again be active as ZD8O from Ascension Island (AF-003) during the CQWW DX SSB Contest (October 26-27th) as a Single-Op/All-Band entry. QSL via OH0XX.

ZD8, ASCENSION ISLAND. Jorma, OH2KI, will be active as ZD8X in November. Activity will be before, during and after the CQWW DX CW Contest (November 19-21st). Activity during the contest will be Single-Op/Single-Band (10m) entry. Look for him on the bands outside of the contest. QSL via OH2KI.

IOTA NEWS.....

EU-017. Members of the Calabria DX Team will be active as ID9Y from **Salina Island** (ARLHS ITA-020 and ITA-250, IIA ME-015, MIA MI-083) between October 3-6th. Operators mentioned are Alex/IK8YFU, Domenico/TW8RAO, Sal/IZ8CZR, Maurizio/IZ8JSJA and Nicola/IZ8SKO. QSL via IK8YFI direct. QSL via the Bureau to HB9FHZ. Also, QSL via LoTW or eQSL. Visit their Web page at: <http://www.calabriadxteam.it/salina>

EU-052. Operators Hansi/DL1AOB, Dieter/DL1AWD, Ralf/DL3JJ, Dan/DL5SE, Felix/DL6JF, Lu/DL8ALU, Eddy/DM5JBN and Rich/DK8YY will be active as SW8YY (especialy during the contest or possibly as SV8/homecall) from **Zakynthos Island** (GIOTA INS-015, MIA MG-138, WLOTA 0209) between October 17-29th. Their activity will include the Worked All Germany Contest [WAG] (October 19-20th) and the CQWW DX SSB Contest (October 26-27th). Their operations will be on 160-10 meters using CW, SSB and the Digital modes. QSL SW8YY via DH7WW, direct, by the DARC Bureau or LoTW and direct. ClubLog and its OQRS will also be used. Possible dates can be seen at: <http://dl6jf.weebly.com/dxpeditons---where-do-we-go-next.html>

IOTA PACIFIC TOUR CONTINUES (Update). Ralph, H44RK, continues to be active as H40IOTA from Temotu Province on **Swallow Islands** (OC-065). Activity has been on 40/20/15 meters SSB. Reports indicate that he hopes to be active from the "**Vanikolo and Utupua Islands Group**" (OC-163) during or within the next week once a suitable QTH is found. His length of stay is not known, but after his OC-163 operation, Ralph will head to **Vanuatu** (YJ) and operate as YJ0RK as well as activate a few more IOTAs. The "DX-World.net" reports that he will activate **Torres** (OC-110) and **Banks** (OC-104). No set dates on the YJ-IOTA activations, but the "SV Hafskip" will be sailing Vanuatu waters for the next 2 months, then heading to **New Caledonia**. QSL H40IOTA and YJ0RK via NR6M.

JD1, MINAMI TORISHIMA (Update). If you missed Take, JG8NQJ, as JG8NQJ/JD1 from Marcus Island in the Minami Torishima (OC-073, JCG 10007) group, you will have another chance sometime in the middle of December. He is usually there to work on the island's weather station. Activity will be limited to his spare time. He will be mainly on 17 meters but also on 15/12/10 meters CW. QSL via his home callsign, by the Bureau or direct to JA8CJY: Susumu 'Sin' Sanada, 5-17, 5-4, Shin-Ei, Toyohira, Sapporo 004, Japan. Online log is available at: <http://dx.qsl.net/cgi-bin/logform.cgi?jd1-jg8nqj>

KG4, GUANTANAMO BAY. Operators Bill/W4WV and Al/W6HGF will be active as KG4WV and KG4HF, respectively, from Guantanamo Bay (NA-015) between October 11-25th. Activity will be on all bands, 160-6 meters using SSB, RTTY, PSK, and some CW. They will be on the air for the JOTA to put the local Boy Scouts on the radio. They will complete the antenna repairs from damage by hurricane Sandy and a few minor repair items to the shack. QSL via their home callsigns.

KH2/NH2, GUAM. Dave, N2NL, will once again be active as NH2T from Guam (OC-026) this time during the CQWW DX SSB Contest (October 26-27th) as a Single-Op/All-Band/High-Power entry. In mid August, Dave moved from his former QTH in Dededo and is now living at a hilltop QTH in Asan in central Guam. He states, "I am still working on installing antennas, but am currently QRV on 40-10m." Dave is usually active (outside of contests) as KH2/N2NL and during all contests as NH2T. QSL via LoTW, by the Bureau or via W2YC for both callsigns direct. Visit his Blog at: <http://www.n2nl.net>

NH0, MARIANA ISLANDS. Operators Yutaka/JQ2GYU/WS2Y and his wife Miho/ JJ2VLY/WS2M will be active as NH0J from Tinian Island (OC-086), Northern Mariana Islands, the special commemorative Tinian station of the "J-Tinian Radio Space Club, between October 17-21st. Activity will be on 80-10 meters including the 30/17/12 meter bands, using CW, SSB and RTTY. Miho will participate in the "JARTS WW RTTY Contest" between October 19-20th. See <<http://jarts.jp/rules2013.html>>. QSL via JJ2VLY, direct (SAE + 2 USDs) or by the JARL Bureau. Please don't send your QSL request to Tinian Island. For more details and updates, see: <http://jq2gyu.blogspot.jp>

S7, SEYCHELLES. Andrea, IZ1MHY, will be active as S79MHY from Praslin Island (AF-024) between October 7-17th. Activity will be on 160-10 meters. His radio is a Yaesu FT857 into a multi-band vertical, dipoles for 10/15/20m and half-wave sloper for 160m. QSL via his home callsign, direct, by the Bureau or LoTW.

SA-035. A group of YL operators will be active as YW5RYL from Los Roques between November 7-10th. Operators mentioned are Carolina/YV4AW, Maika/YY5ALO, Geraldine/YY2GAL, Laura/YY5OLA, Ramirez/YY5ANG, Mary/YY5MCO and Yumayra/YY5YVR. Activity will be on 160-6 meters using CW, SSB and the Digital modes. More details are forthcoming and a Web page is under construction.

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.

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SILENT KEYS.....

5Z4FM - Allan, G0IAS, reports that Jim Stewart, 5Z4FM, from Nairobi, became a Silent Key (SK) on September 16th. Jim was probably the most active of the 5Z's and will be missed on the bands. His XYL is Anne, 5Z4FM. Ted, 5Z4NU, tells Allan, G0IAS, there will soon be very few operators from 5Z... it doesn't look as if there are enough operators for anybody now to get the "BIG FIVE AWARD".....

5B8AD - Harry, RA3AUU/P33W, informed the contesting community on September 17th, that Alex Saveliev, 5B8AD (aka C4N, RA6LUX), became a Silent Key after a heart attack. He was just 45.

PCARS, The Radiogram, and its readers would like to send out our deepest sympathy to the family and friends of the above mentioned.....

Well that's the DX story for the next few months. Do yourself a favor and get on the air. Work some DX and make some lifelong friends in other parts of the world. You really don't know what you are missing. So get on the air!!

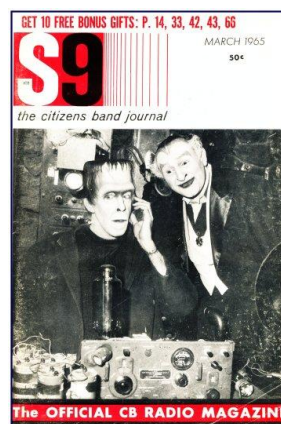
73 and GUD DX!!

Chuck, W8PT
aka: "Charlie the Tuner"



Net Night Quiz - September 26th

- 1) Which of the **Munsters** sometimes operated a ham radio?
a. Lily b. Herman c. Grandpa d. Eddie
- 2) Which late-night TV show host sponsored a contest between two hams (K7JA and K6CTW) using Morse code and two text-messaging champs?
a. David Letterman b. Johnny Carson c. Jay Leno d. Craig Ferguson
- 3) In **The Simpsons**, which of the following characters does not have a ham radio license?
a. Principal Skinner b. Homer c. Selma d. Moe
- 4) Amateurs are credited with the first documented observations of which unusual phenomenon?
a. Whistlers b. Growlers c. Long-delayed echoes d. Sprites and jets
- 5) Who was the first ham to transmit from space via Amateur Radio?
a. Dave Garroway b. Owen Garriott c. Gary Owens d. Garrett Phillips
- 6) Relegated to these in the early days of radio, hams found them to be prime radio real estate.
a. Very Low Frequencies b. Sub-bands c. Quiet zones d. Short waves
- 7) Which of these is most likely to need replacement in a vintage radio?
a. Dial cord b. Dial lights c. Bypass capacitors d. Power cord
- 8) Which of these tubes was a very popular transmitter “final” still in use today?
a. OC4 b. 5996 c. 6146 d. 5U4
- 9) Which company manufactured the “lunchbox” radios?
a. Gonset b. Drake c. Johnson d. Heathkit
- 10) What information is contained in a “spot”?
a. Time b. Frequency c. Call sign d. All of the above
- 11) Which of the following components could be a “roofing” type?
a. Antenna b. Connector c. Filter d. Cable
- 12) What type of communication is the WSJT suite of software used for?
a. High-speed CW b. Networking c. Satellite d. Weak signal
- 13) 50 MHz is the best band for which of these propagation modes?
a. Meteor scatter b. EME c. Double-hop F2 d. NVIS
- 14) What is the calling frequency for DX stations on 6 meters?
a. 50.010 MHz b. 50.100 MHz c. 50.110 MHz d. 50.125 MHz
- 15) Which antenna would work the best for making CW and SSB contacts on 6 meters?
a. quarter-wave vertical whip b. half-wave vertical dipole c. half-wave horizontal dipole
d. full-wave horizontal loop



Bonus (5 points each)

What was Owen Garriott's callsign? What year was his first transmission from space?
Who built the “TransOceanic” shortwave receiver?

Net Night Quiz Answers

1-B 2-C 3-D 4-C 5-B 6-D 7-C 8-C 9-D 10-D 11-C 12-D 13-A 14-C 15-C

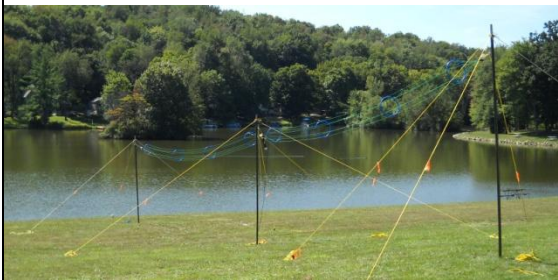
Bonus questions: W5LFL 1983 Zenith



OSPOTA *Ohio State Parks On The Air* 2013 Soapbox

K8BLP from Guilford Lake State Park

Triangle Amateur radio clubs E-COMM trailer.



40 Mtr. Cage dipole at 10 ft .

N8YMX
operating 80 Mtrs,
local 6th grader

very interested in Ham radio.



6th grader logging after his 1st contact on the radio.



Gary, KB8HTU

K8FH from Findley State Park



I operated out of an EMCOMM trailer this year, from behind the Findley State Park operations office. Great group of park personnel and rangers, everyone was very interested



in the OSPOTA operation. All of my contacts were made with an NVIS antenna for 40 and 80 meters. I listened and called on the upper bands now and then but heard nothing. Great contest, definitely fun and easy going. Thanks to PCARS for all their hard work to make OSPOTA possible.

73,
Fred, K8FH

K8CAV from Mt. Gilead State Park

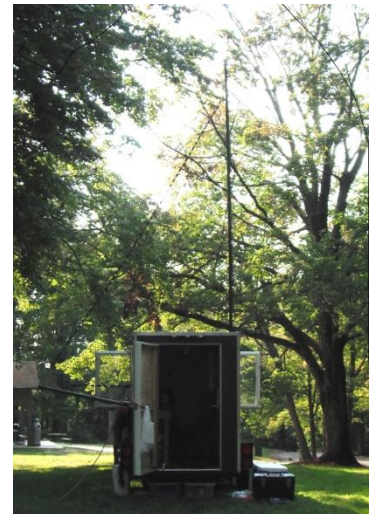
This year I decided that I would take a Friday afternoon off so that I could operate OSPOTA at Mt. Gilead State Park and take advantage of it being a half an hour from Mansfield to spend a very enjoyable night with my daughter and her family. Not having been to Mt. Gilead State Park before, I did a quick drive through Friday afternoon and found a great spot to set up that was off the road and had enough area to set up the trailer and 140 ft. dipole. I also stopped at the park office to introduce myself and let them know what I would be doing on Saturday.



I arrived at the park Saturday morning at 10:00 AM with absolutely perfect weather and by 11:30 AM the station was up and running. The only real problems I encountered both involved the generator. For one, it would only run smoothly at 3/4 choke and for another there was impulse noise at an S-8 level on 80m being caused by the generator. Neither condition turned out to be a show stopper though operating on 80m with weaker signals was more difficult than it might have been had there been no noise problems. The antenna loaded up great on both 80m and 40m thanks to the LDG tuner so

when 12:00 PM rolled around I was ready to go. Other than the generator noise on 80m, band noise conditions were incredibly quiet so I was looking forward to being able to hear a lot of stations.

I decided to start operations on 40m and that I would try to grab a frequency and run it. I was very successful doing just that and stayed on 40m for a bit over an hour before moving down to 80m. At 12:54 I made contact with another station at Mt. Gilead State Park and much to my surprise found they were set up a mere 100 yards east of me. The intervening hill had not allowed them to see me or me them so we decided we'd do an eyeball QSO as soon as we had a break. I was a bit surprised that I hadn't been interfered with by their station but found out when we met that they were happy when I decided to move down to 80m hi hi. The other station was a local ARES group from Mt. Gilead and we both took some time to visit each other's station and swap stories about our respective clubs and locales. I changed bands to 80m and was able to run the frequency there for a while although I encountered fewer stations there than on 40m. Shortly before 3:00 PM I decided to move back up to 40m and hunt and pounce. I stayed there until 5:00 PM, moved back down to 80m but found there were almost no stations I hadn't already contacted. Shortly after 5:00 PM I decided to call it a day and close down.



Operating OSPOTA at Mt. Gilead State Park was a lot of fun, but equally as nice were all of the folks that stopped by the station to say hello. Local hams at a birthday party in the pavilion west of me stopped by as did a park volunteer and several people who were not hams but enjoyed seeing the station. I probably "lost" an hour of operating time talking to visitors but it was an hour I'd gladly lose again for that opportunity.

After eighty QSO's and thirty-eight parks, and looking at a two hour drive home, I decided to call it quits around 5:00 PM and start the tear down. Just as I was packing up the last of the equipment a light rain started so it looks like I timed things just right. The OSPOTA committee has it right with this statement in their flier: Spend a day enjoying one of Ohio's State Parks and have a great time with ham radio too.

73,
Rick, K8CAV

KC8UNR from West Branch State Park



Team KC8UNR was located at West Branch State Park (WBR). We had over 60 QSO's and worked 38 state parks. Operators were: Mike-KC8UNR, Bob-N8QE, Russ-NR8W and Amy-KD8SKL



As a new ham, I had a great time learning from the veteran

contesters at my station. These guys are patient, helpful and encouraging while challenging me to go beyond my comfort zone. There is no substitute for experience on the radio when learning our hobby. I would encourage our new hams to come out to events and get their feet

wet. And if you mess up in a contest like this, don't worry, you are using someone else's call sign. I have never run

into a PCARS member who was not willing to answer questions or give helpful hints! Especially if you come bearing snacks. Please see photos documenting our fun. See if you can pick out the photo I call, "Safety First."

73,

Amy, KD8SKL



KD8BBK from Salt Fork State Park

Hello all, Well had a great time operating from Salt Fork. The weather was great and the band conditions were pretty good. Made lots of contacts and worked about 50 parks. Even got to see some snakes up close thanks to the Park Ranger that was doing a demonstration on snakes for the kids. I shut the station down for a short while the snakes were out of their cages, didn't want to lose sight of them, if you know what I mean. Thanks to all the hard work the club puts forth for this contest.

Simply the best contest for me.

Tony, KD8BBK

W8GBH from Barcamp State Park

Hi to all, this was our first time! Had a great stay at Barcamp State Park. We ran one station with multiple helpers with logging. All went very good and we made 266 QSO's. Worked 51 parks but could not work our station so we lost BAR for a state park. Made QSO's to 17 states and three VE's. So we really had good time. Boy did the hot dogs smell good while cooking over the open fire. But I was stuck at the park bench logging hi hi. Don't worry, got my share later. Will send the logs and work sheets in by Friday.

73,

Joe, WB8CTC

KD8MQ from Lake Hope State Park

I had a great time. This year's OSPOTA marks the 2nd time I've brought my XYL along on one of my portable operations. She has patiently puts up with my ham radio Addiction. She came along with me a couple months ago when we operated the West Virginia QSO Party.

Some issues came to light with the equipment, so I have some troubleshooting to do before the PA QSO Party in October (another Great contest to be in!!!).

This morning was spent importing the weekends QSOs into HRD. Unfortunately, I had some issues importing the State Park Names into HRD, so I entered them by hand. They have all been uploaded to E-QSL, and LoTW. Thanks to all of you who have reciprocated.

For those who operated from a park, I would like to ask again, that you list your state park on your QSL card. For those of us who are pursuing the Worked All State Parks Award, it helps out immensely.



**Late night photo.
Never said anything....**

This year, my QSO count was a bit lower than in the past (154), but I had a ball! In the end, I worked 54 Ohio State Parks, and 11 Indiana State Parks.

Thanks to all who operated, and I look forward to next year. I'll be posting some pictures on my site (<http://www.kd8mq.net>) in the next few days.



You never know who will show up



73,
John, KD8MQ

N3CU from Holtwood, PA

This was my first year participating in the OSPOTA.

If I may, let me give you a little of my background. I have been licensed since 1972 but got into QRP Portable operating in 2008. My wife & I greatly enjoy the outdoors so we go to parks just to relax for an afternoon when we can. Of course this means that I take my radio and try to get in a few QSOs when I can. This past weekend, it was great to be a part of the OSPOTA and meet others who share the same passion that I have for the last few years. I operated from a local park called Muddy Run Park in Holtwood, PA and set up on a picnic table using my new FT-857D with a 40 meter center-fed zepp strung in the trees. In the past, I used my FT-817ND, but wanted a little more power at times, so I picked up its bigger brother. Part of the enjoyment is giving curious passer-bys a quick demonstration. With the higher power now, I'm able to make a quick QSO on demand, to the amazement of our visitors. In my wife's and my opinion, there's nothing much better than taking off for a nice afternoon and randomly picking a park to relax in. She enjoys reading a book while enjoying a

beautiful afternoon at a park, and I enjoy making a few contacts on my radio. I must say that it's been a perfect match for us!

I also want to pass on my appreciation to the person who came up with the great idea of beginning this wonderful event. It was apparent as I spoke with each of the participants, that they were enjoying it just as much as I was!

Thanks!
Ken, N3CU

WB3AFS from South Bass Island

This was my first portable operation on my own and first since the 70's. Thanks to John, KD8MQ for the post on the PA QSO Party list serve to alert me to this contest. I camped two times before this summer at Put-In-Bay's South Bass Island State Park. I'm a regular at Put-In-Bay. My XYL and dog came via plane from Franklin, (Venango County) Pa. Had to make 2 trips due to space and weight issues with the plane. The airport has a short runway.

FT-840 with a FC-10 auto tuner, a loaded dipole for 40m/20m and a 20/15 sort of dipole going the opposite orientation. I need an 80m capable antenna. Used a Honda EC2000 generator, so I had plenty of power. Also logged using paper only. Will probably use N1MM for logging next year.

I had 54 QSOs and 31 State Parks for a 1,674 score.

XYL says that we can / could / should make this an annual event!!! She was a big help with the rock throwing through the trees for the antennas..... oh, I had 4 Indiana State Parks on the air stations. I think that being on the same weekend is good.

73,
John, WB3AFS

WB8YHD from ~~Lake Milton State Park~~ Home

Last year's OSPOTA was my first and I had a great time working from Lake Milton State Park, Mahoning County, in North Eastern Ohio.

This year I planned a really good effort at the same location where I'd correct the errors and shortcomings of my previous effort. WELLLLLLLLLL, it didn't quite work out that way.

The first fly in the ointment was unplanned work stuff getting in the way of my preparation. I didn't even start getting ready until Friday night.

I wanted to put together a headset/mic with a foot switch for PTT as I'd learned from the previous year that contacts came as fast as Field Day when you're in a State Park. Don't know about you, but for me, logging and using a hand mic just don't mix well. I also had a new auto tuner and balun to setup along with getting the go bag and car packed. At 10 pm Friday I found out I didn't have enough jacks to build up the headset/ptt breakout box the way I'd planned (Heil compatible) so I decided to just "ugly bug" it together. By about 11 pm I found

out the mic was defective on the headset and had to "un-ugly bug" it and start all over again. At about midnight it was time to get the new auto tuner/balun configured to the radio. I was tired by now and the process didn't go quickly. I checked the whole package out on the air at about 1 am with a quick contact on 20m to Italy. Not sure how it sounded but he heard me so it was all working and I finished the packing and prep at 3 am Saturday morning.

The plan had been to make a local hamfest (the 20/9 Austintown tailgate) first thing in the morning to assist with an ARES presentation and then head to the park about 10 or 11 am to setup. With a sack time of 3 am that wasn't looking very likely, but I figured I'd try.

Woke up at 7:30 am Saturday actually feeling pretty good. Problem was my wife was feeling terrible. The flu was making the rounds at her workplace and guess who had a really bad case. Brenda is a pretty hardy gal and it takes a good bit to take her down. Saturday morning she was down for the count. We have a 7 year old daughter. It wouldn't have been very chivalrous to leave my wife in her current condition to get the daughter to soccer practice at 9 am while I went and played radio. So, off I went to soccer instead of the hamfest and ARES presentation. I called the other guys who planned to join me this year and let them know my questionable situation and told them my odds of making the park weren't looking good.

Got home from soccer practice and the kid was supercharged with energy and my wife was crashed on the couch. Not looking good at all. Made the call and started unpacking the car. I was staying home this year.

Spent most of the morning and afternoon keeping my wife hydrated and the youngster entertained (and away from my wife). After dinner I got a couple of hours in as a "non park" station from Ohio. I think by then (after 5 pm) it was getting slow on the air. I made a total of 23 contacts with about 20 parks. It was still fun, but not what I had planned.

Next year. Thanks for the fun.
Frank, WB8YHD

K8IYO from Pike Lake State Park



Had a great time operating OSPOTA at Pike Lake! This was my first year, and Will's (KC8OKJ) 2nd year participating. We set the antenna atop the ladder next to the restrooms and used the electricity from the restrooms to operate.



The only hiccups we experienced are that we kept popping the circuit breakers! Finally, Will had the brilliant idea to shut off the restroom lights.... after that we had no problems.

The weather was nice, had food in the coolers, and even brought the dogs along. We both look forward to participating again next year!



Cathy, K8IYO

WB8LCD from Tinkers Creek State Park



Here's a picture from the Tinker's Creek OSPOTA site. Every time we nailed another Ohio park, Sue, KD8ERY put a pin in the map. Participants at our site: Tom WB8LCD, Ray KD8DFL, Sue KD8ERY, Al WA8CCU, John N8GIE, Angela KD8DBX, Terry KB8AMZ, Bill



WBLBI, and Robin Fraedrich, Banquet Chairman

73 de,

Bill, WB9LBI

This was/is a truly fun event. A mini field day event really, but more relaxed. Thanks to Robin and Sue there was plenty to eat and drink.

If anyone in the club is apprehensive about participating in a field day event, they really ought to try OSPOTA for laid-back operating fun.



Our WB8LCD sight at Tinkers Creek worked like a well oiled machine up until the mosquitoes came out in earnest at about 7:00 PM. Talk

about mayhem... they were the size of a Cessna and plenty aggressive. The scene looked like an old time movie, with a group of operators trying to make contacts and points while jumping around swatting anything flying. All in all, a good time was had by all.



Al, WA8CCU

N8BC from Headlands State Park

Check out the video of N8BC from Headlands State Park on YouTube at: http://www.youtube.com/watch?v=7Fd6KB-RqUg&feature=em-share_video_user

Ron, KC8BTN
LCARA Newsletter Editor

Editor's note: Very well done !!!!!!!!!!!!!



WW8OH from Dillon State Park



The COOKEN Amateur Radio Club operated WW8OH from Dillon State Park (40 mi east of Columbus) for the first official entry from this previously quiet State Park. Park folks were very cooperative. Weather was GREAT! Our site was a 50 x 50 shelter (roof, open sided) on a plateau overlooking the dam. aka: "That

Dam Shelter". Great parking, paved road access. Quiet, with a slow stream of visitors wanting to see the view of the dam also checked us out.

WW8OH had three stations with 4 operators, as usual. The 40m station (100 w to 80m horizontal loop at 30 ft), 80m station (200 w to multiband vertical) and 20-6m station (100 w to Fritzel at 28 ft.) Ops were AC8GX, AC8GI, K8EM and W3HKK. AC was from two outlets, but was inadequate for our three stations (total of 400w

power output- c. 800 watt consumption) but our ever-prepared members brought along back up battery power and an inverter arrangement to get us through the day.

40m was smoking hot early on, then tailed off around 3:30 and limped to the finish line with 215 QSO's and 52 State Parks. 80m never seemed to get going with 30 QSO's total and 20 State Parks. 20 and 15m were slow all day with 45 QSO's total, BUT they did include two stations in China and a couple of JA's around sunset, for spice.

Weather was perfect. Propagation on 40m was good, but poor on 80, 20, 15 and 10. Results were about 25% down from 2012. From OSPOTA records, this appears to be the first time Dillon was activated and a log submitted. See you next year.

Bob, W3HKK

N8UVM from Lake Hope State Park

Thank you for starting a wonderful event. This is the first time I participated in the Ohio State Parks On The Air contest. I could not have asked for better weather or professionalism from the hams from various parks. Comparing this event to others related to Ham Radio this is by far my favorite yet. You have made logging each park easy, the exchange easy, and the experience easy. The only difficulty I have is sending the log in because I have never sent my log in for any event in all the years I have participated in the various contests over the years, This was truly a nice first for me.

I have been an Elmer to a gentleman that has had his ticket for a few years but he doesn't use the HF privileges he has nor will he touch a radio under someone else's callsign. He tagged along to observe the event watching me make all the contacts, and how I logged every single yet brief QSO into the log sheet. He noticed how I avoided the negative conversations on the bands and the professional conversations that most everyone else were having. His experience was positive because, after the event, he enjoyed listening so much that he will be upgrading very soon and has made arrangements to purchase a nice little HF rug so that he can operate on his own next year. Many thanks to all the efforts you all have put into making this event possible.

Robert, N8UVM



AB8DD from Kiser Lake State Park



AB8DD and friends have participated every year and continue to have a great time! Weather was perfect, the operation came together as planned and aside from band conditions and contacts being down a bit everything was great,

looking forward to next year! AB8DD 2013 Log submitted with score of 361 total unique contacts with 51 Ohio State Parks = Total 18,411

Station #1 - 80M - Icom IC-7000 - LDG AT-100 Tuner - 80M NVIS flat top dipole at 11' N-S orientation

N1MM Logging networked to all stations AB8DD, Wayne Brunotte Primary op - NM8B, Greg Parker Logger

Station #2 - 40M - Icom IC-7000 - LDG AT-100 Tuner - 40M NVIS flat top dipole at 7' N-S orientation

N1MM Logging networked to all stations - N8KXH, Ron Hunt Primary op - K8JEP, Jim Parker Logger
NZ8A, Tom Brinnon Logger



Station #3 - 20M - Icom IC-7000 LDG AT-100 Tuner - 20M / 15M / 10M Mosley TA-33 on 30' Crank-up /Tilt-over trailer mounted tower - N1MM

Logging networked to all stations - K7DN, Matt Yellen Primary op
W8SJY, Sara Yellen Logger

Station #4 = CW only - Yaesu FT-857D - LDG AT-100 Tuner - 80M / 40M Dipole at 50' - N1MM Logging networked to all stations - AA8P, Ralph Palmer Primary op - AA8P Logger



without each and every one of these folks help this operation would not be possible And special thanks to Brenda Brunotte KB8YHY for putting-up with and supporting my Ham Radio madness!



Support Staff: Litha Parker who Kept us all well fed all weekend with great cooking! Thank you Litha!!!!
Kala Evans W8KPE our go-fer helped go get stuff when asked!

Special Thanks to all of those listed above,

Lwayne, AB8DD

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 month's newsletter:



**WB8LCD, WB9LBI, N8RLG, W8KNO, KB8UUZ,
W8KNO, K3LR, K8IV, K8JE, WA8EFK, W8PT,
KC8PD, K8GI, W8DEC, KE8G, KD8VT, KD8MQ,
KB8HTU, K8FH, K8CAV, KD8SKL, KD8BBK,
WB8CTC, N3CU, WB3AFS, WB8YHD, K8IYO,
WA8CCU, KC8BTN, W3HKK, N8UVM, AB8DD, the
World-Wide Web, CQ Magazine and the ARRL.**

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

Tom "Parky", KB8UUZ
PCARS Newsletter Editor

PCARS

**ARRL Volunteer Examiners:
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**First Saturdays 10:00 am
at the club site in Ravenna
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9 SEPT 2013

PCARS



ALL OHIO ARES[®] CONFERENCE



Saturday, November 9th, 2013

Ohio Fire Academy
8895 East Main Street
Reynoldsburg, Ohio 43068

This conference is open to all volunteers!

Come check out the go-box display
Come see emcomm vehicles/trailers on display
Come participate in training and forums
Get your license or upgrade your license at the VE exam

All participants are asked to register online at
www.arrl-ohio.org/sec/

Contact Scott n8sx@arrl.net **and** Matt at
w8dec@arrl.net should you have any questions.

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

ARRL2014

Centennial Events & Programs



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100
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■ **ARRL National Centennial Convention — July 2014**



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
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Registration opens late summer 2013 (including hotel details)

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Plus commemorative publications, regional events, special QST features, and more! Additional details coming soon...

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

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

www.stringzwingz.com

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



"When All Else Fails - Amateur Radio Works"

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

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

2013-14 PCARS Appointments & Committees

ARRL Awards - DXCC WAS, VUCC, WAC	W8KNO	Joe Wehner
ARRL Awards - WAS	KB8UUZ	Tom Parkinson
Club Callsign Trustee		
Club Site	KC8PD	Jim Aylward
Contest	W8KNO	Joe Wehner
Coordinators	W8PT	Chuck Patellis
EchoLink	K8SRR	Steve Randlett
Field Day 2014		
F.Y.A.O. 2014	W8PT	Chuck Patellis
Historian	KB8SZI	Peggy Parkinson
K8BF QSL Manager		
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
Volunteer
Examiner
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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
KE8G	Jim Blanca
W8RID	Bob Davet
K8MSF	Bud Green
KD8LEB	Al Zielinski
WA8CCU	Al Nagy
KB8IHG	Christopher Vince
NR8W	Russ Williams
KD8RJV	Jim Corbett
W8EZT	Frank Tompkins



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PCARS Award Winning Newsletter - The RADIOGRAM



1st Place Ohio 2013



1st Place Ohio 2014



2nd Place 2014 Great Lakes Division

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

