



The RADIOGRAM

When All Else Fails ~ Amateur Radio Works



June 2014 ~ Official Newsletter of the Portage County Amateur Radio Service, Inc. (PCARS) ~ Vol. 9 No. 6

~ 2014 Officers ~

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

~ Meetings & Net ~

2nd Monday of
each month, 7pm
Thursday night
Club Net at 8 pm
on 146.895

PCARS Incorporated
Nov. 1, 2005

First Meeting
Nov. 14, 2005



ARRL Affiliated
April 20, 2006



Special Services
Club
March 22, 2010

From the President

How'd you like that Dayton Hamvention? For all the years I've been going, I'm never disappointed. I always run into a lot of people I know that I only get to see once a year. I always get to spend time with numerous PCARS members – honestly – my best friends in the world! It's always an opportunity to let the rest of the world and its problems disappear from my thoughts and just concentrate on the thing I enjoy the most. I could have spent a lot more money, and it would have still been cheaper than therapy.

Lusso Tower didn't have one of their monster owers on display this year. Just pictures and brochures. They tried to make up for it by having one of their girls wear a crummy Styrofoam antenna on her head. It was a very poor attempt to emulate the REAL "Dayton Antenna Head Girl"! It's hard to beat Made in America..... I was a little let down by the weather, too. Saturday between 8:00 AM and 1:00 PM I experienced sunny warm weather, cloudy cold weather, rain, hail and more sunny warm weather!

Of the new stuff I saw, I was really impressed with the large number of new QRP projects and SDR products. (Sometimes they were both in the same package) Hams are still building, and if you count writing software code, they're building a lot! The flea market was still huge – even if you think its not as big as it has been. Last couple years there's been some really good buys on vintage gear. And every part, tube, cable, connector, key, mike, cabinet, tape, tool or whatever that you could possibly want! As I always say: "If you are a ham, living in OH and you don't make it to the Dayton Hamvention, you have no idea of what you are missing!" See you there next year? If I'm alive, I'll be there.

The day this comes out I know a bunch of you will be headed up to K3LR. Unfortunately I won't make it, but I know you'll all have a great time there. Kudos and Thanks to Tim for hosting not only PCARS but all the clubs he's had and is having in this summer.

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From the President (continued from Page 1)

Next up this summer is Field Day! While I know you'll read something about it further in, I just have to say that I hope you'll all come out and support PCARS! We've got operators and loggers, set up and take down crews, power team, cooks and servers, "go-fer's", safety officers, IT team. Surely there's a place you will be needed and appreciated. Hey, just come out and hang out with us – that's appreciated too. Being probably the biggest PCARS activity of the year, it just won't be the same without you.

This summer holds a lot of opportunity for Big Fun with PCARS and Amateur Radio. Don't let the fun pass you by. Participate in the programs and events that PCARS makes available. You'll be glad you did!

73,

Tom, WB8LCD
PCARS President



From the Vice President

“Reach out and touch someone.” For those of a certain age, many will still recognize this tag line from the early 1980’s commercials for AT&T’s long distance telephone service. The message was simple but profound: with nothing more than a phone call relationships could be created and sustained.

Of course, it was also a great way to sell what was then rather pricey: long distance phone calls.



But the message is still valid for those of us in a communications hobby. Making a contact on the air is the heart and soul of what amateur radio operators do. They put out a call on the air, QRZ on HF or “listening” on a repeater, and look to create or renew a relationship. We get to know each other over the air, identifying call signs with voices and names and learning more about each other.

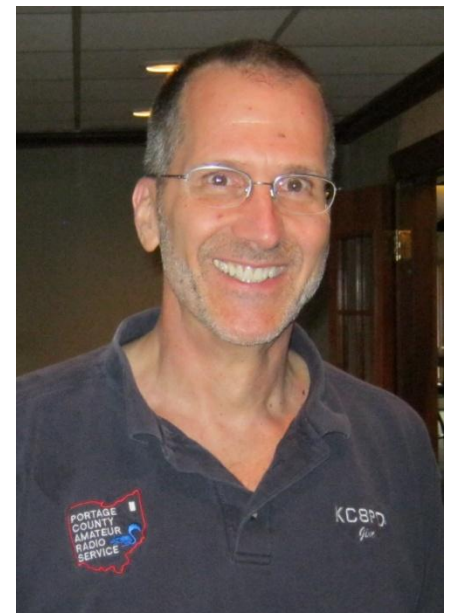
Whether on the regular weekly social club net or during one of those morning or afternoon informal drive-time nets when you hear someone making a call or an ongoing QSO, give a shout. Become a part of the conversation and get to know other area hams.

After all, “net” is just shorthand for network which is a series of interconnections between communication devices or people. Networking is all the buzz these days in business and professional circles. Yet it is nothing more than what hams have been doing from the earliest days of radio.

We can make the same kinds of connections on the HF bands especially during some of the more informal contests. The PCARS Ohio State Parks On The Air contest is a great example of this. Even though it is a contest, you will always find the chance to take a few minutes to chat with that other ham and tell him or her something about yourself or PCARS. Take a minute and get to know them.

We have the opportunity to do the same thing at PCARS meetings and activities. All it takes is moment for you to walk up and introduce yourself to another PCARS member or guest, ask them their name and call, and start a conversation. At activities and events you may find yourself offering to lend a hand to someone you aren’t familiar with and then getting to know them while you finish the task at hand.

So take a moment and reach out to make that contact with fellow PCARS members and other hams. Continue that tradition of networking and create new relationships or solidify existing ones. You can make us a stronger club and hobby. And it doesn’t cost you a penny.



73,
Jim, KC8PD
PCARS Vice President

Mark Your Calendars

On the calendar for upcoming meetings and activities are:

- **June 9th - PCARS Meeting - 7 pm** - Phil Bresky, WB8AVD from Bird Technologies
- **June 28-29th - FIELD DAY** - at the Ravenna City Park on Oakwood Street
- **July 26th - PCARS Picnic** - VFW in Ravenna on New Milford Road
- **August - Cruise-In** at the A&W in Ravenna
- **August 23rd - Ohio Bar-B-QSO Party** - at the club site in Ravenna

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

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

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



PCARS VE Test Sessions

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

June 7th, August 2nd, October 4th, December 6th
PCARS will also be having a VE Test Session at Field Day on Saturday

What to Bring to the Testing Session

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



Robert, N8RLG
PCARS VE Team Liaison

Happy Birthday PCARS Members

PCARS members having a birthday in June:

N8ZDR	Richard	Wilson	KD8EPF	Rena	Martin-Wehner
WA8SJU	Howard	Evans	AB8AA	Allan	Avnet
W8CDL	Coletta	Tomasik	KB8VJO	Gary	Overfield
KD8LVV	Llewellyn	Perry	KD8LIR	Jennifer	Sly
KC8MXW	Aaron	Beatty	KD8WCK	Richard	DeMattia
WB8OVQ	Bob	Warner	KD8VGY	David	Barnes
KD8SIZ	John	Miles			

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/>



May Net Night at the Club Site

Our May net night was a party! Amy, KD8SKL, was not able to attend the Dayton Hamvention this year due to a schedule conflict. She was busy graduating from Hiram College with a Master's Degree. In and of itself, that's quite an accomplishment that very few have attained. Add to that the fact that Amy has a full time job and all the work she does on behalf of PCARS as club Secretary, her graduation is an example of determination, dedication and focus that can be an inspiration to us all.



The party was complete with a graduation cake, popcorn, rum & cokes, plus all the normal PCARS snacks. And a lot of good friends. With that project behind her, I'm guessing Amy's next graduation will be to "Amateur Extra Class" Radio Operator, sometime in the not too distant future. Congratulations Amy!

Contest Calendar

June 2014	
10-10 Int. Open Season PSK Contest	0001Z, Jun 7 to 2359Z, Jun 8
Kid's Day Contest	1800Z-2359Z, Jun 14
ARRL June VHF Contest	1800Z, Jun 14 to 0300Z, Jun 16
Marconi Memorial HF Contest	1400Z, Jun 28 to 1400Z, Jun 29
ARRL Field Day	1800Z, Jun 28 to 2100Z, Jun 29

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



EmComm

We will very quickly be entering the busy season for public service events in Northeast Ohio. For many of us, the season kicks off with the **Rite Aid Cleveland Marathon**. This year the marathon organizers created a new position and designated me as the Communications Manager for the race. They have begun to recognize the value of coordinating all of the radio communications used during the race and I think this will continue in the future.

The race was on May 18th and the weather was perfect: partly cloudy with a high approaching sixty degrees. The good weather reduced the number of calls for SAGs and medical assistance. The final After Action Report is being drafted and will be used when we begin planning for 2015.

A list of some of the upcoming events is included below. But make sure that you also check with other clubs and ARES® organizations in Districts Five and Ten that support local events for their schedules. If you do volunteer, here are some of the pointers that we provide in our Public Service Communications Basic Skills course for communications volunteers:

- The transmit button on your radio may be referred to as the Push To Talk (PTT) but that doesn't mean you should press it and immediately begin speaking which will cause you to clip off some of your transmit audio, especially if you are working through a repeater. Press, pause a second or two, and then talk. Get in the habit of doing this on a daily basis.
- Think before you speak. Always a good idea but especially important in an event net. There are only sixty seconds in each minute of air time and if you use them up hemming and hawing and trying to express a thought you will be denying access to the frequency by someone who may have something more important to say and is prepared to say it.
- In other words, be as brief and succinct as possible. Use as few words as necessary to accurately convey the necessary information. Listen to hams who are good at doing this and try to emulate them.
- In the same vein, familiarize yourself with procedural words, also called pro-words, such as AFFIRMATIVE, NEGATIVE, ROGER, SAY AGAIN, DISREGARD, I SPELL, CORRECTION, OVER, OUT, and so on, and use them appropriately.
- Practice using the ITU phonetics so that if you have to spell something out you are not fumbling to think of the proper phonetic.
- Should you have to leave the net (yes, there are some personal needs that may require this), request permission from the NCS and then report back in when you return.

- If you do not have traffic for the net, stay off the air. Yes it may be quiet and even boring for you but that is what happens at some events. If the NCS has traffic for you, he or she will be calling.
- Use tactical calls (e.g., WATER STOP ONE) as assigned, remembering to also comply with FCC requirements for station identification.

Upcoming events and points of contact include:

June 8 th	Half Iron Man at West Branch	Mike, KD8FLZ, kd8flz@portcars.org
June 21 st	Marlene Watt 5K, Ravenna	Mike, KD8FLZ, kd8flz@portcars.org
June 29 th	Mandel JCC J-Ride Bike Event	Mat, KC8NZJ, kc8nzj@gmail.com
July 12 th	Headwaters Adventure Race	Jim, KC8PD, kc8pd@portcars.org
August 2 nd	Kent Black Squirrel Triathlon	Mike, KD8FLZ, kd8flz@portcars.org
August 24 th	Bellefaire JCB Biathlon and Walk	Mat, KC8NZJ, kc8nzj@gmail.com
September 6 th	Mantua Potato Stomp	Jim, KC8PD, kc8pd@portcars.org

73,

Jim, KC8PD/AAR5AI

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



D-STAR is Alive in Akron!

A new D-STAR repeater is on the air in Akron and is open to everyone. PCARS member Mark Eldridge, AB8SX has put together a low profile D-STAR repeater on the 70 cm band with the help of PCARS members KC8MXW and KD8VGJ.

After purchasing a D-STAR radio and quickly realizing the only access to a D-STAR repeater was through the WB8THD repeater in Cleveland, he decided a local repeater was in need. The repeater is currently operating in the "testing" status for the coordinated frequency pair issued by the OARC.

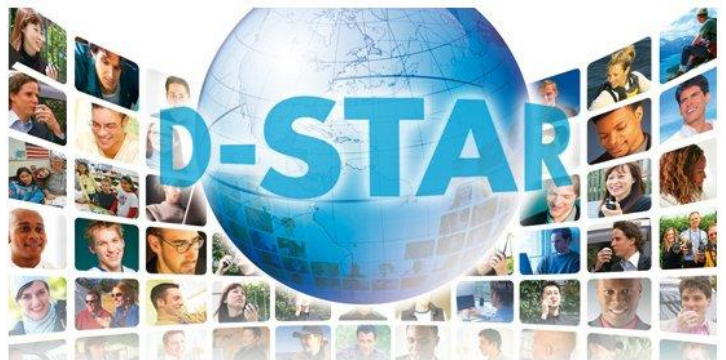
The repeater operates under the new club call sign of KD8YCF for the "Akron Digital Amateur Radio Club" (ADARC). The settings required to access the repeater are as follows:

Frequency - 443.5875+

RPT1 = KD8YCF B

RPT2 = KD8YCF G

Set mode to DV (Digital Voice). The FM mode is not supported on this repeater.



If you have D-STAR equipment or have been thinking about getting into D-STAR, feel free to tune in and link up anytime. The club likes to keep the repeater linked to "ref001b", so when you are finished using the repeater please return it to this reflector. This makes it easy for those on DVAP or Dongle systems to be heard locally through the repeater.

If you have any questions or need help accessing the repeater, contact ADARC at adarc59@hotmail.com

Mark, AB8SX

From the ARRL Ohio Section Manager

Hi Everyone, Dayton has now come and gone. Wow, what a weekend it was. Did you come by and visit with the Ohio Section Cabinet? Most all of the Cabinet was there at one point or the other. And, from what I've been told, everybody had a blast being there. If you missed Dayton you really missed out on a fantastic hamfest, and great fellowship!!

Ok, enough of that.. Now on to the business at hand..

Nick Pittner, K8NAP did a fantastic job with the really impromptu "Amateur Radio and the Law" forum. This was one that he and I had worked on to get and right until the eleventh hour, it looked like it wasn't going to happen, but, miracles do happen to those that have patience and wait, and sure enough, we did get the forum back into the schedule, and we did have a lot of interested folks there. We now have a website devoted to Ohio's PRB-1 Law, please visit it. You can find it at: <http://arrl-ohio.org/PRB-1.html>

Nick also got a signed Proclamation from the Governor and Lieutenant Governor for Field Day recently. The proclamation, along with a printable version is posted on the Ohio Section website. Please be sure if you are holding a Field Day operation to print this off and have it posted for all to see. You can find it at: <http://arrl-ohio.org/SGL/sgl.html> (Editor's note: We have a copy of the proclamation and it will be on display at the media table).

The Ohio Section promotional items still continue to be a big hit everywhere I go. I introduced a new item at Dayton, now I have letter openers too. We had a lot of fun giving out the openers, sticky note pads and bookmarks, and yes, I did give out a few of the now famous Ohio Section Mugs too. Becky Schoenfeld, W1BXY (she's the managing editor of QST) now has one of our famous Ohio Section mugs proudly on her desk at the ARRL. Now that's really something..

Have you read Mike Corey, KI1U's comments in the latest edition of QST? If you haven't, I would encourage everyone to read it. It's about "serving the community" in times of need. You can find his article on page 77 of the May edition of QST.

Ohio's Speaker Bureau.. I know that this has been said a million times before, but it's always worth repeating, don't forget to invite on of the Ohio Section Cabinet members to your next club meeting. The entire Cabinet is Ohio's Speaker's Bureau. If you'd like any of us to come and be a speaker at your function, please feel free to give any of us a call.

That's going to do it this month from here.. I hope to see all of you at the various hamfests or meetings soon and who knows, maybe you'll be one of the lucky ones to get a "mug" on me. Have a question? Feel free to give me a call or write to me.. My email and phone number are always listed on the Ohio Section Website <http://arrloho.org> .



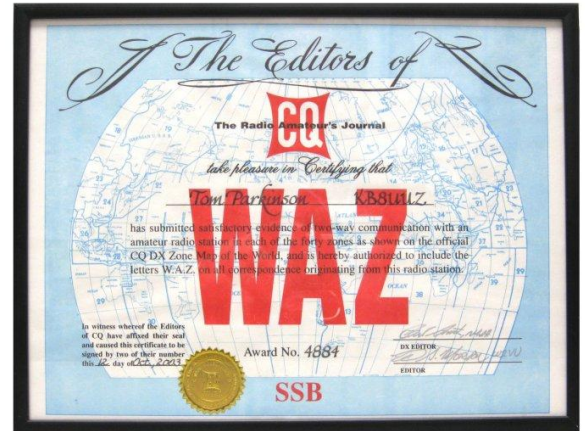
73,
Scott, N8SY
ARRL Ohio Section Manager

Paper Chase

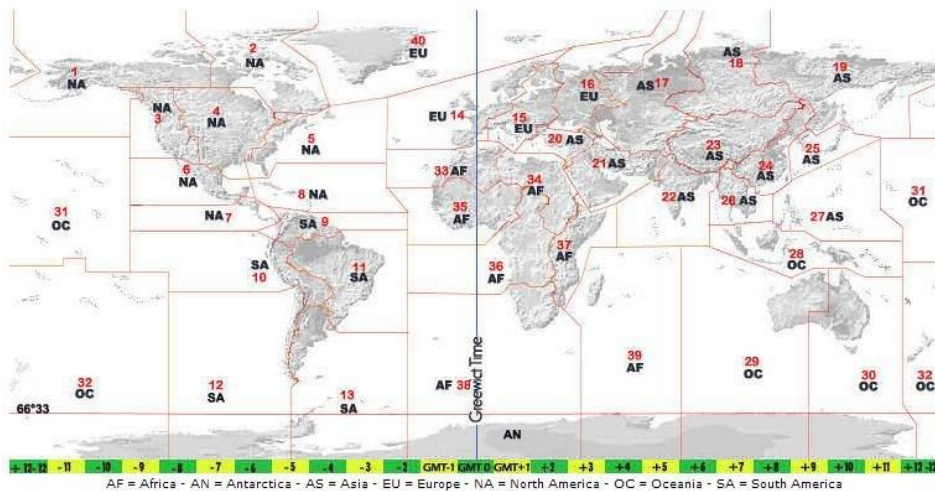
If you went to Dayton and attended the "Contesting Forum", you heard the MC ask the audience who had operated from each of the 40 CQ Zones. I was impressed by the number of zones that had been activated by the group.

After returning home, I wondered how many zones I had been active in. In addition to W8KNO, I had previously held K2UEL which I had used aboard the USS Hammerberg (DE-1015) and the USS Gearing (DD-710). In addition, I had operated at other clubs.

My first communication occurred before I was licensed, I was not boot-legging. I needed to communicate with the Long Beach Naval Ship Yard from atop the after mast of the USS Toledo, CA-133, while aligning the AN/SPQ-2 antenna. The top of the mast was 112 ft above the water line. This all occurred in zone 3.



I obtained my first call K2UEL in 1959 and for the next nine years I operated fixed, portable, mobile and maritime mobile and as a guest operator at W3ADO and NSS. This was all in zone 5 with the exception of mobile contacts in zone 4 while visiting Cleveland. After being assigned aboard ship, I operated from the Hammerberg in zones 5,8,10 and 12. From the Gearing, I operated in zones 14 and 33.



Since coming to Ohio and having to get a new call sign, W8KNO; I have operated fixed, portable, mobile in zone 4 and as a guest operator at W6RO the Queen Mary in zone 3. Field days have been operated with the Portage County Amateur Radio Service, The Warren Amateur Radio Association, Portage Amateur Radio Club and the Hiawatha Valley Amateur Radio Club, KC0LXM, of Red Wing, Minnesota.

After getting confirmation of all 40 zones, you may obtain a certificate by submitting the necessary forms to CQ. Complete rules can be found at:

http://cq-amateur-radio.com/cq_awards/cq_waz_awards/012804_cq_wazrules_English.pdf

If you would like a CQ Zone map, go to: <http://cqww.com/images/wazmap1.gif>

I'll listening for you,
Joe, W8KNO

D-Day Special Event Stations

Several special event stations will be on the air to commemorate the 70th anniversary of D-Day - the Allied invasion of the Normandy Coast of France in World War II.

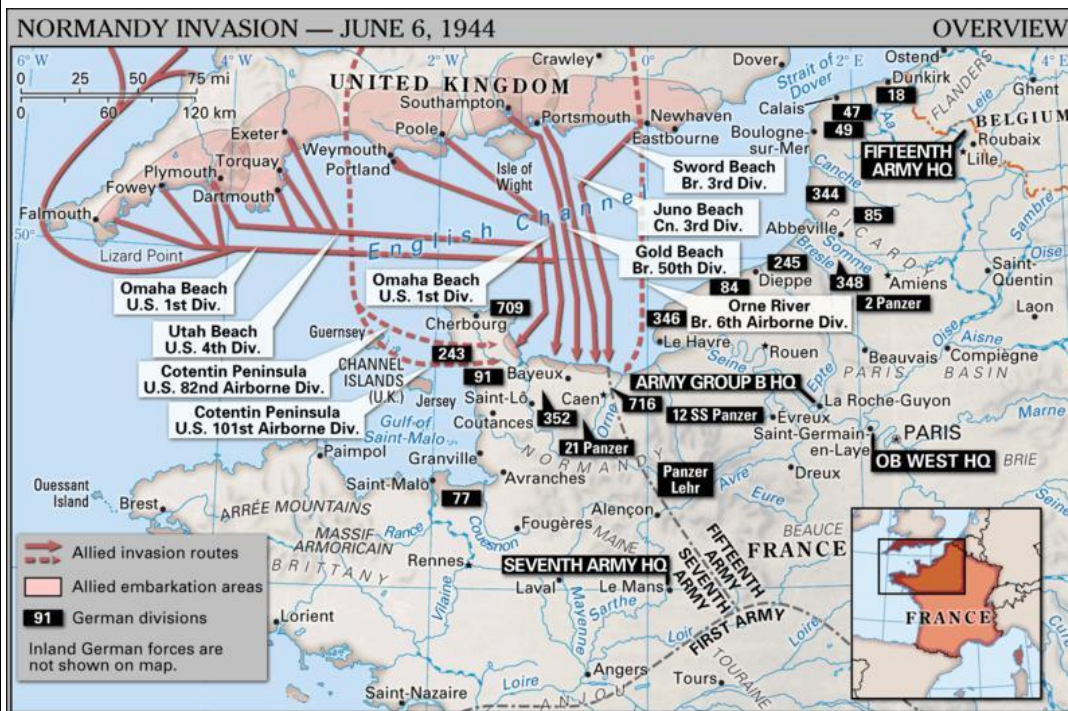
In France, **TM70JUN** will be on the air from June 6 - the actual anniversary date - until June 20. Modes will be SSB, CW, PSK, RTTY, and JT65 on HF and 6 meters. Special event station **TM70BMC** will operate from Mont Canisy June 5-8.

W9D will be active on SSB, CW, and AM on HF through 6 meters June 6-8 from the First Division War Museum in Winfield, Illinois (http://www.w9dup.org/special_events_2.htm).

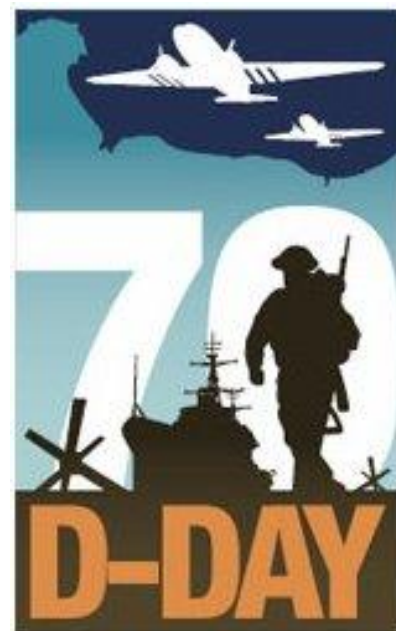
VC3JUNO from Canada will be on the air from June 6 until July 31 to commemorate the 70th anniversary of D-Day; "Juno" was the code name for the beach where Canadian forces landed.

The Riverway Amateur Radio Society will sponsor special event station **GB70DDL** from June 1 until June 28 from the Sea Cadet headquarters in Stafford, England (See **GB70DDL** on QRZ.COM).

On June 6, 1944, 160,000 Allied troops landed along a 50-mile stretch of heavily-fortified French coastline to fight Nazi Germany on the Normandy beaches. The attack was a major turning point in the war. More than 5,000 ships and 13,000 aircraft supported the invasion, in which more than 9,000 Allied soldiers were killed or wounded.



From the ARRL



Ohio Antenna Law Challenge May Be Over

In a surprise move, the Ohio Sixth District Court of Appeals has dismissed an appeal from the Village of Swanton, Ohio, in an Amateur Radio antenna zoning case. The ARRL had announced plans to file a “friend of the court” or amicus curiae brief on behalf of ARRL Life Member Gary Wodtke, WW8N, who has been trying since 2009 to erect a 60 foot antenna support structure on his 0.2 acre residential lot. It now appears that he will be able to do so. The Village of Swanton, Ohio, has established a fixed antenna height of 20 feet above the residential roofline, and it turned down Wodtke’s antenna variance application for the taller structure. On appeal, Wodtke in January won a final judgment in his favor in the Fulton County Common Pleas Court. The court ruled that federal and state law preempted Swanton’s antenna ordinance.

The Appeals Court ruling on April 3 was based on the fact that the trial court decision the Village could have appealed was issued on August 20, 2013, while the judgment that the Village attempted to appeal was issued on January 21, 2014. Since the August 20 trial court decision was a final order, the Village was required to file its appeal within 30 days, and it never did so, thus losing its right to appeal. The ruling means that the August 20 trial court decision stands, and Wodtke wins the right to erect the tower for which he applied.

The award of attorney fees appears to be at the center of confusion on both sides of the case. The trial court’s decision last August 20 decision awarded attorney fees to Wodtke. Because attorney fees had not yet been determined, both sides considered the decision as not yet final. But, while Wodtke’s attorney had sought attorney fees in his original complaint, the amended complaint that the trial court ruled upon last summer included no such request.

The Court of Appeals said that, ordinarily, when attorney fees are requested in a complaint but not yet ruled upon, the order disposing of the rest of the case is not final and appealable, but the court pointed out that a claim for attorney fees was not pending once court entered its August 20 judgment. “Therefore, the order was final and appealable on August 20, 2013,” the court said.

The Court of Appeals also noted that, although both sides had filed for reconsideration of the August 20 decision, neither of those motions nor the trial court’s January 21 decision had the effect of extending the appeal deadline. In the words of the Court of Appeals, “It is well settled that a motion to reconsider does not stay the time to file a notice of appeal.”

The Court of Appeals’ April 3 decision could yet be reviewed by the Ohio Supreme Court, but only if the Village had filed a timely Memorandum in Support of Jurisdiction to convince the high court to hear the appeal.

Ohio Section State Government Liaison Nick Pittner, K8NAP, believes the Appeals Court decision in Wodtke v Village of Swanton could set legal precedent for similar antenna-related cases down the road. An attorney, Pittner was instrumental in getting Ohio’s PRB-1 law enacted. “The Ohio Municipal League seems intent on challenging [the PRB-1 law] in court, and will likely try to do so in some other case if the challenge is not available in this one,” Pittner said. “We’re keeping the research files open.”

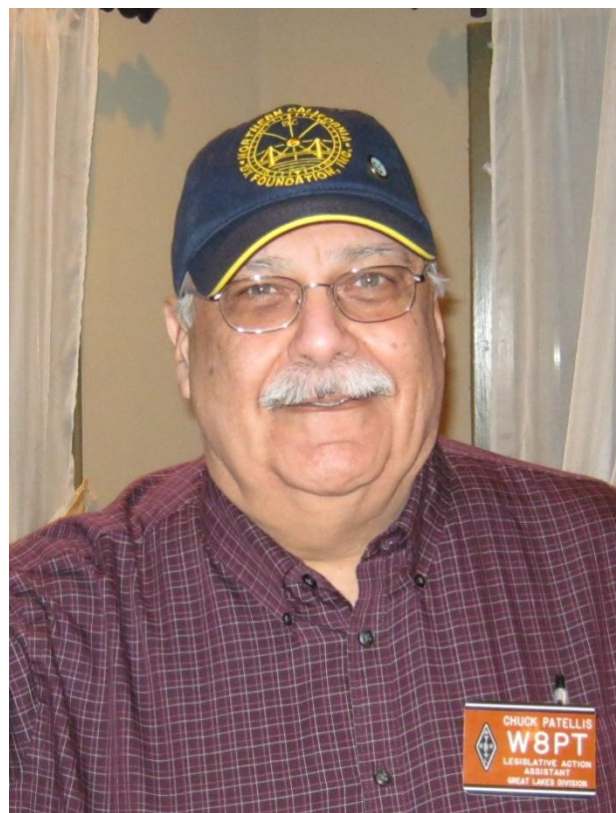
From the ARRL

Delara News, Delaware (Ohio) Amateur Radio Association

Charlie the Tuner's HF High-Lites

Greetings from Geauga County. The WX has been very, very nice and I hope that you have been taking advantage of it to get some antenna work completed. I've been laying out some more radials for the 80m vertical and should have all of them done by the end of the week, if the WX holds. Normally you can take what some HAMS say with a grain of salt when they are giving you their opinion. But I have to say that if someone tells you that the hardest thing about putting up a vertical is getting the radials down, they are absolutely correct. It is a backbreaking chore. I'm trusting that someone at **DX Engineering** is working on a novel way of installing radials. If someone could come up with a system that is fairly quick and not so strenuous, they would make a mint.

The DX reports have been somewhat slim so I don't have too much to add to this report. But there will be some good DX opportunities. Six meters has been open and it looks as if you check it from time to time, you may be able to work some states or even countries that you might need on six. 15 m has also been open especially to the Pacific rim countries. So if you need Hong Kong, Japan, Indonesia, or the Philippines, take a look on 15.



As I do in every Radiogram, I want to thank the following for the forecast reports for this month and beyond. Without them and their timely information, it would be much harder to know what is happening on the bands. So a BIG thank-you to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn Packet Cluster Network (especially Tedd Mirgliotta, KB8NW) for the following DX and IOTA information.

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).

A3, TONGA. Reminder - Masa, JA0RQV, will once again be active from Tonga. This time he will activate Niuatoputapu Island (OC-191) at the very small northern end of Tongan territory, and will signing as A35JP/P between May 28th and June 3rd. Operations will be on 80-6 meters using CW and SSB. His equipment is an IC-7000 (w/100W) into a vertical antenna. Activity will be limited and much is depending on the availability of electric power since there is no commercial electric power at all. He must find a generator or car battery. In case his flight is cancelled, Masa will be active from Vava'u Island (OC-064) or Tongatapu Island (OC-049) instead. QSL via his home call sign, by the Bureau, direct (SASE w/1 IRC) or LoTW. For more details and updates, visit his Blog page at: <http://blog.goo.ne.jp/rqv>

7Q, MALAWI. Dr. Remco, PA3FYM, will be active as 7QNL (yes, that is the callsign) from Malawi for 3 weeks in May and June. Remco reported on his 7QNL Web page <<http://www.malawihf.org>>: "Due to limited flights to Blantyre our arrival date will be May 21st, just after the Presidential and local government elections."

CARIBBEAN TOUR Reminder. Jose, EA3GUO, is planning to activate several islands in the Caribbean between May 16th and June 7th. Activity will be on 20/15/12/10 meters. QSL via his home call sign direct. His tentative activations are as follows: Montserrat Island as VP2MSP Dominica Island as J7/EA3GUO Anguilla Island as VP2E/EA3GUO Saint Barthelemy Island as FJ/EA3GUO Saint Martin Island as FS/EA3GUO Saint Maarten Island as PJ7/EA3GUO Saint Vincent Island as J8/EA3GUO Stay tuned for more details.....

CE0Y, EASTER ISLAND. As this was being written, World-Traveler Vladimir, UA4WHX, is now active as CE0Y/UA4WHX from Easter Island. As always, his length of stay is unknown. Activity will be on all HF bands using CW, SSB and RTTY. QSL via his home call sign (see QRZ.com).

FS, ST. MARTIN. John, K9EL, will once again be active as FS/K9EL from St. Martin (NA-105, DIFO FS-001, WLOTA 0383, WW Loc. FK88) between June 9-27th. Activity will be on 80-6 meters. He will be running 500 watts into a 3 element yagi on 6m, dipoles for 10-30m and a vertical for 40-80m. John will operate on 60m if there is interest. Usually there are daily uploads to ClubLog and LoTW. QSL via his home callsign. John states, "This year I am planning a Twitter experiment and will tweet my operating frequency/mode at the beginning of my daily activity and also each time when I change bands, change modes, QRT for meals, beach, etc. Those interested in following my operating activities during my trip, can follow me at <<https://twitter.com/FSK9EL>>."

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

T30, WESTERN KIRIBATI Reminder. A experienced German team is pleased to announce another DXpedition to the Pacific Ocean to Southern Tarawa Atoll, Western Kiribati. Their call sign will be T30D, and they will be active between October 2-15th. Operators mentioned are Uwe/DJ9HX, Rudolf/DK3CG, Sid/DM2AYO, Dietmar/DL2HWA, Georg/DL4SVA, Bert/DL2RNS, Heiko/DL1RTL, Juergen/DF7TT, Olaf/DL7JOM, Guenter/DL2AWG, Hans/DL6JGN and Rolf/DL7VEE. Activity will be on 160-6 meters using CW, SSB and RTTY, with at least four simultaneous stations with 500 watts amps around the clock. Suggested frequencies are: CW - 1814.5, 3526, 7026, 10119, 14026, 18086, 21026, 24906 and 28026 kHz SSB - 1849, 3805, 7095, 7182, 14210, 18120, 21255, 24955 and 28455 kHz RTTY - 3595, 7046, 10137, 14090, 18099, 21090, 24918 and 28090 kHz 6m - 50120/CW and 50120/SSB QSL Manager is DL4SVA. QSL via OQRS (see Web page), direct, by the Bureau and logs will be uploaded to LoTW at a later date. A Web page will is now available at: <http://t30d.mydx.de>

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

TM70, FRANCE (Special Event). Members of the Loos DX Gang will be active using the special call sign TM70DD (D Day) between June 5-19th, to commemorate the 70th anniversary of the allied landing in France. QSL via F5JYD, by the French REF Bureau (Only this Bureau will be used) or direct (w/SASE).

TM70, FRANCE (Special Event). Look for the following stations to be active to commemorate the 70th anniversary of "D day" during June: The special callsign TM70JUN will be on the air from June 6-20th. The activity will be on 160-6 meters using CW, SSB, PSK, RTTY and JT65. The operators mentioned are F5SXD, F5NEP, F4GVZ, F4FMU, and F4GAJ. QSL direct or by the Bureau via F4GAJ. The special callsign TM70BMC will be on the air from June 5-8th, from the "Mont Canisy". QSL via F5IL; the Bureau preferred.

IOTA NEWS.....

AS-062. A 6 member Russian team lead by Alez, RU0LM, are preparing to operate from **South Kuril Islands** (WWLoc: ON33AI), Island of Anuchina, Asiatic Russia, between June 16-26th. Call sign will be RI0F. Activity will be on all bands including the 30/17/12m bands using CW and SSB. Operators mentioned are Alex/RU0LM, Vlado/UA0LCZ, Serge/RX0F, Oleg/RK3AW, Andrey/R6MG and Yuri/R7MR. QSL Manager is Serge, RX3F.

EU-038. Operators Randy/PH4X, Ron/PA4RVS, Lucas/PD0LVS, Friso/PD1JFB and Marcel/PD3MVB will be active as PA6TX from **Texel Island** (WLOTA 0043) during the RSGB IOTA Contest (July 26-27th). The previous year, they signed PG13IOTA. QSL via PD0LVS, direct or by the Bureau. Logs will be uploaded to both LoTW and to eQSL at the end of the contest.

EU-047. Oliver, DK7TX, will be active as DK7TX/P from **Spiekeroog Island** between June 11-17th. Activity will be mostly on 20/15/10 meters. QSL via his home callsign, by the Bureau or eQSL.

EU-120. Operators Peter/G0DRX, Matt/G0ECM, Mike/G0MEM, Steve/G0UQT, Henryk/M0HTB and SWL Julja will be active as GB2BLE from the Government House on **Lundy Island** between June 15-20th. Activity will be on 80-6 meters, possibly 6m, using SSB, FM and PSK31. QSL via the Bureau. Look for updates on Twitter @GB2BLE. For more details, see: <http://www.sbarc.co.uk/club-activities/lundy/lundy-2014>

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

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

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

OC-084. Tov, T32TV, who was previously on Christmas Island, is now active from the rare IOTA **Washington Island**. His length of stay was not mentioned. Tov is 100% on solar power at this time. Not enough power to run his linear amp. If anyone has any ideas how he can get more power out of the solar setup, please let Stan, KH6CG, know. Stan is Tov QSL Manager. He states, "I am hoping we can possibly get some necessary solar equipment donated to him to increase his storage capacity and total power. Tov is running a Yaesu FT-450D and a Hygain AV-640 vertical. 6-40meters. Presently running only 100 watts, but does have a linear amp that can run as much as 600w if he can get the power to run it." Activity so far has been on 20 and 10 meters SSB.

OC-218. Operators Cezar/VE3LYC and Johan/PA3EXX will attempt to activate **Matthew Island** for a period of 4 days during the 10 days of September. The licensing authority of New Caledonia has approved for this operation the special callsign TX4A. Last operation from this IOTA took place 17 years ago, and the group is in demand by 94% of the IOTA members. Due to the remote location of this island, sailing from Noumea to Matthew Island return is expected to take 5 days. This will be not only a very difficult, but also very expensive project. The team is actively looking for financial support from groups and individuals who wish to assist in defraying some of the project costs. Donations can be sent to Cezar by PayPal at <ve3lyc@hotmail.com> or by mail. All contributions will be acknowledged on the expedition Web site, which will be available in due course.

SA-072. Ronaldo, PS8RV, will be active as ZY8D from **Caju Island** between July 25-27th. Activity will be on HF bands and an entry in the RSGB IOTA Contest (July 26-27th). QSL via the info on QRZ.com.

Well, there you have it for the next few months. As always, I would like to know what you are working and we'll post it here in the Newsletter.

So until next month 73 and GUD DX!!

Chuck, W8PT
aka 'Charlie the Tuner'



My First Trip to Dayton

I remember my first trip to Dayton. Of course we visited often when I was a kid. But, that was different. My Dad was the only one I knew who would make a day trip to someplace like the Air Force Museum, or Niagara falls.

No, I wasn't even aware that the Hamvention existed, until about the mid 70's. Most of the Hams I knew would talk in such reverent tones about the Dayton Hamvention, I just knew that I had to go check it out for myself. I wasn't licensed yet. KA8LKR was still a few months away.

That first time, in about 1979, or 80, the plan was to drive down on Friday, and sleep in my car. Remember that this was back when Hamvention was held in April. We'll, three of us, in two vehicles took off one Friday afternoon, and headed for Dayton. We got there around dusk, and were directed to what was being called the Polish Campgrounds. Actually, I believe it was the Polish-American Club. All I remember for sure is that it was a muddy mess! They must have had a broken water main, since there was a 15' geyser of water shooting into the air most of the evening. Sleep that night was out of the question. RVs were pulling in, and getting stuck all night long.



But, that didn't matter; we were there! Dayton! Ham Nirvana!

We awoke real early the next morning, and drove up to the Hara Arena around 5:30 AM. Of course, nothing was open, but again, that didn't matter. After breakfast, it was a much different story. We only stayed the one day, and I'd be hard pressed to tell you who I met, or what I bought. But, I do remember one thing about that day.

It was a cold and windy day. Remember, Hamvention was still being held in April. There was this one guy who was doing a land-office business in the flea market. Folks were crowded in two or three deep around his flea market table. He was having very good day!

So, what was this guy selling? Coats! That's right; he was selling Army surplus overcoats, minus the buttons, of course. I imagine the buttons had some value, either as scrap, or to collectors. But to those who were unprepared for the cold Ohio weather, he was a godsend.

No matter how many trips I make to the Hamvention, my mind always returns to that day 35 years ago, when an enterprising entrepreneur made a killing in the flea market, and maybe saved a few Hams from sure hypothermia.

John, KD8MQ

Hamfest Calendar

06/01/2014 - Breeze Shooters 60th Hamfest and Computer Show - Location: Butler Farm Showgrounds - 627 Evans City Road - Butler, PA 16001 - Website: <http://www.breezeshooters.org> - Sponsor: Breeze Shooters ARC - Public Contact: Robert W Benna , N3LWP - 1010 Willow Drive Pittsburgh, PA 15237-2225 - Phone: 412-366-0488 - Email: n3lwp@verizon.net

06/14/2014 - Western Pennsylvania ARES Emcomm Conference - Location: University of Pittsburgh Johnstown - 450 Schoolhouse Road - Johnstown, PA 15901 - Website: <http://www.wpaares.org> - Sponsor: ARRL WPA Section & University of Pittsburgh Johnstown - Public Contact: John Rodgers , N3MSE - 803 South Main Street Butler, PA 16001-6326 - Phone: 724-287-0424 - Email: n3mse@arrrl.org

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

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

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

07/19/2014 - North Hills ARC Hamfest 2014 - Location: Parkwood Presbyterian Church - 4289 Mount Royal Blvd. - Allison Park, PA 15101 - Website: <http://www.nharc.org> - Public Contact: John Fowler , KB3YBS - 200 Lee Avenue Pittsburgh, PA 15237 - Phone: 412-366-3133 - Email: johnr.fowler@gmail.com

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

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

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

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

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

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

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

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

We Hit 100

I've been watching the counter we have enabled on the PCARS web site. It shows the number of visitors, as well as the countries the visitors are from. We finally hit 100 countries on April 27th, just after the May issue of the newsletter came out. At that time we had a total of 62,517 visits to our web site since this counter was started on July 25, 2009.

Last New Visitor
 Ohio, United States
 Visited 17 seconds ago



Newest Country
[Ghana](#)
 Last Visited April 26, 2014



100 different countries have visited this site. 159 flags collected. [View all details »](#)



Visitors			
US 20,131	HU 35	HR 12	NZ 6
DE 316	BE 31	ZA 10	LV 6
CA 250	AT 29	ID 10	EE 6
GB 229	UA 27	RS 10	CL 5
FR 214	SE 26	SI 10	TW 5
JP 200	RO 25	SK 10	MY 4
PL 154	GR 25	IR 10	PA 3
IT 109	IN 24	BG 9	DZ 3
AU 80	NO 22	PK 9	AE 3
ES 73	CH 18	SA 9	VE 3
PT 71	AR 17	IL 8	EC 3
BR 69	FI 17	KR 8	UY 3
RU 69	TR 17	LT 8	JE 2
NL 58	IE 16	BY 7	BA 2
CZ 52	MX 13	TH 7	GU 2
CH 44	HK 13	SG 7	AL 2
DK 41	PH 12	CO 6	UG 2

62,517 pageviews



Radiosport Championship Returns to U.S.A.

The World Radiosport Team Championship returns this summer to the United States after 18 years. This global gathering — an Olympic-style competition between the world's elite amateur radio contesters is back on home soil for 2014. The event, scheduled for July 8–14, promises to light up the ionosphere above Massachusetts. What is radiosport? It's the competitive use of amateur radio. The championships are part of an ongoing cycle. Almost every weekend, amateur radio operators put their stations on the air and compete against their fellow operators in a spirit of sport, good will and technical competency. The goal of these contests is to make as many contacts with other amateur radio stations as possible.

HISTORY & METHODOLOGY

Randy Thompson is one of the championship organizers. A former competitor, he's been to five of the six previous WRTC events held around the world. "The original one was in Seattle," he said in a phone interview. "I missed that one. Then the next one was in San Francisco, then we went to Slovenia, then to Finland, then we went to Brazil, then it went to Russia. And now it's here." The World Radiosport Team Championship is held every four years and runs concurrently with another large amateur radio contest, the International Amateur Radio Union's HF Championship. "It's a big project," Thompson said. "If it was any further apart, it wouldn't be special. If it was any closer together, it would be too much." Several other major contests are held annually in the years between WRTC events. Operators who accumulate the highest scores, in various regions, are invited to become team captains. Captains choose a teammate, and both bring their skills to the championship.



Credit: Randy Thompson, K5ZD

The WRTC2014 organizing committee set up test stations during the summer 2013 IARU HF Championship. All stations consist of the same models of tower, tent, antennas and generator

RULES OF ENGAGEMENT

"We have invited 59 teams of two people to participate," Thompson said. "We have a referee for each team to serve as an on-site observer. To keep the sporting aspect as equal as possible, we are providing each team



with the same tower, antennas, tent and a generator and a field that's relatively level." In total, there will be 65 identical stations; the extras are available for the competitors' use in the event of a problem with one of the set-ups. The idea is to eliminate as many variables as possible. The only thing that will separate these teams, as they race for top honor, is operator skill. However, Thompson says, competitors are allowed to bring some of their own equipment. "They get to use radios they're used to; they get to use their computer logging software. They can use whatever kind of crazy switching and automation stuff they want."

Credit: Douglas Scribner, K1ZO

Each station will feature two operators and a referee.

YL AND YOUTH COMPETITORS

The 2014 competition will have two female (YL in amateur radio parlance) operators competing alongside returning champions, and against a team of young operators who are just starting to make their mark in amateur radio contesting. Thompson says having an all-female team isn't unique to this year's contest, as the Brazilian organizers had invited a "YL" team to participate in a previous competition. "[In 2014] two German ladies qualified through the standard qualifying process," Thompson said. "We didn't set aside a space for them." However, this year's organizers did reserve a special spot in an effort to appeal to a new generation of amateur radio operators.

Credit: Randy Thompson, K5ZD

Volunteers will construct 65 temporary stations in fields in an area of Massachusetts about 75 miles wide prior to the WRTC2014 contest.



"What we did this time is set aside one place for a youth team that will be manned by operators who are both under 25 years old," Thompson said.

SPECTATOR SPORT

Thompson and his fellow organizers are interested in sharing the hobby of amateur radio with as wide an audience as possible. They want this event to connect with fellow contestants and the broader group of amateur radio operators, but they have a goal beyond enthusiasts of their own hobby. "We want to use WRTC as a platform to promote ham radio to the general public." Thompson recognizes that this could be difficult, since there are many technologies available that compete with radio. And, he says, amateur radio contesting has another challenge to overcome. "Ham radio contesting is not the world's greatest spectator sport," he said.



Credit: Randy Thompson, K5ZD

An amateur radio operator tests the station setup during the 2013 IARU HF Championship contest.

To respond to that problem, this year's organizers are going to be incorporating new features that will raise the visibility of the contest, and its participants, using their website, www.wrtc2014.org. "We are going to capture the score off the logging computers of all the competitors that are operating, transmit it up in real time, so we will have an online scoreboard that is showing how everyone is doing," he said. "So we really will be able to watch this almost like a car race or a marathon."

HUMAN RESOURCES

Thompson says the 2014 organizers have had great support from amateur radio contest clubs and equipment manufacturers and are close to reaching their fundraising goals to meet the event's budget. But they still need some support in one other key area. "The biggest thing we need now is human resources," he said. "Anybody who is willing to come in and help us with two or three days of set-up, and then the one day of take-down." Even without competing, Thompson says, volunteers will be winning by helping make the event successful for the competitors. They will also help amateur radio shine during one of its best public relations moments. And, he says, there's no substitute for the camaraderie. "They'll get a chance to spend some time with these really good operators that are coming in." He said the social aspect is one of the highlights of the competition. "When

it's all said and done, and you look back, the competition and winning and everything isn't nearly as valuable as just getting to meet all these people that you've talked to a million times, and you never get to see.

Christopher Friesen

Radio World

<http://www.radioworld.com/article/radiosport-championship-returns-to-us/270292>



Calling All Field Day Digital Ops

During the next Digital Special Interest group meeting on Tuesday June 3rd at 7:00 PM we'll be talking about the macro set written specifically for Field Day and how they can help you earn more of those two point Q's for PCARS Field Day. James, KD8VT will also have his setup there that will be used at the PCARS Flex Station so you can get a preview of how things will work.

As always, we'll also make time for anyone who wants to bring their gear down to get you up and running, and answer any questions you may have about digital operations.

A great way to improve your digital operating skills is to check into the semimonthly PCARS Digital Net. The net takes place on the second and fourth Tuesday of every month at 7:30 PM. It's normally held on the K8IV repeater (146.895/146.295, 110.9 PL Rootstown, 118.8 Kent) but with the repeater currently down the net will be held simplex on the output of the K8IV repeater.

73,



Rick, K8CAV



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



One of my Favorite Bands

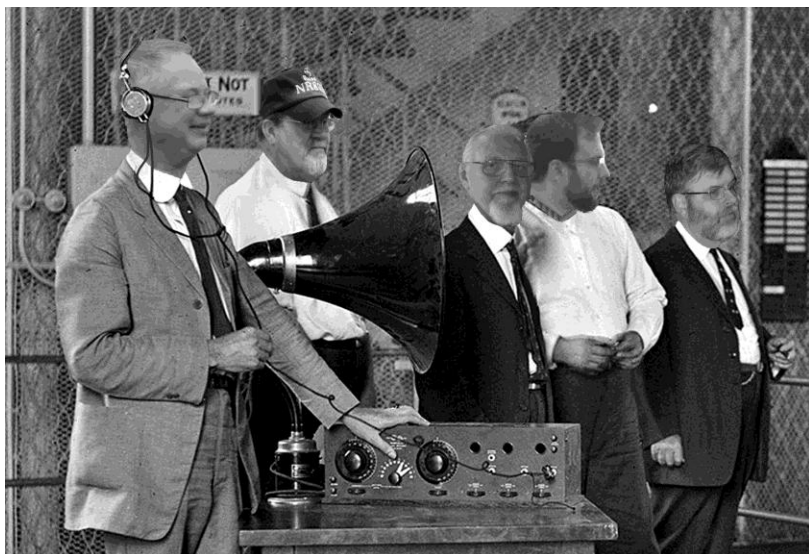
This was spotted in the Flea Market at Dayton this year and the first thing I thought of - *10 meters is one of my favorite bands.....*



Tim, K3LR

PCARS Thursday Net Control

Thank you all for helping with this! Anytime you are unable to take the net, please give me as much advance warning as possible! Don't forget - 4th Thursday is NET NIGHT at the club site !!



June	
5	KD8FDK
12	KB8UUZ
19	WB8LCD
26	K8IV

July	
3	WB8LCD
10	KB8UUZ
17	N8QE
24	KB8UHN
31	WB8LCD

The PCARS net is **BIG Fun** - tell your friends to check in via RF or EchoLink! If you have not been a Net Control Operator for PCARS and would like to give it a try, please contact me at: WB8LCD@portcars.org Everyone who is a club member is welcome to have a turn!

Swap-N-Shop

WANTED: Two (2) PCARS coffee cups. I accidentally broke the ones I had..... My morning coffee just isn't the same without a PCARS cup..
Contact Al, WA8CCU at WA8CCU@portcars.org [09/02/14]

FOR SALE: Palstar antenna tuner Model AT1KP - Excellent condition: \$160 pick up only
Contact Paul, NC8T at NC8T@hotmail.com or call 330-704-9106 [07/02/14]

FOR SALE: Icom 756 Pro II includes hand mic, original manual, manuals on CD. \$1300
FOR SALE: RigBlaster Plug-n-Play includes 8 pin adapter cable for Icom. \$75
FOR SALE: Heil Goldline GM5 mic w/windscreen, **Heil SM-1** shock mount, **Heil HB-1** articulating boom; mic cable for Icom, AD-1-I. \$150
FOR SALE: Heil headset adapter cable, Heil PN AD-1iC, for Proset to Icom. \$12
FOR SALE: TenTec RF speech processor, model 715. \$150
FOR SALE: MFJ-1251 Universal Microphone Adapter changes pin-outs to allow different mics to be used with radio. \$14
Contact Rick, K8GI at K8GI@portcars.org [07/02/14]

FOR SALE: DAIWA Model PS-120MIIa PS \$40
FOR SALE: Heathkit Model IM-11 VTVM \$40
FOR SALE: ASTATIC Model D-104 Microphone w/ TUG8 Stands (Lollypop) 1ea Excellent \$70, 3ea good \$40
FOR SALE: ICOM Model IC-V80 2Mtr FM HH w/ Extra Battery and Charger \$90
FOR SALE: Nye Viking Model B V A, Antenna Tuner \$425
FOR SALE: TRIPLET Model 630 VOM \$45
FOR SALE: MFJ Model MF-J-250 50 ohm oil dummy load \$40
FOR SALE: MFJ Model MFJ407B Electronic Keyer \$40
FOR SALE: Heil Model HM10 4-5 Microphone with Stand \$100
FOR SALE: Standard C1208DA 2 mtr FM Mobile \$200
FOR SALE: MFJ-1702C, 2 Pos Coax Switch \$20
FOR SALE: Radio Shack Model 22-223 VOM \$10
FOR SALE: Astron Model RS-12 12 Amp Power Supply \$45
FOR SALE: Bencher BY-2 Paddle, Chrome NEW \$75
FOR SALE: Straight Key Brass \$25
FOR SALE: ASTATIC Model 10-D w/G Stand \$50

FOR SALE: Electro Voice Model 664 \$50
FOR SALE: 2ea- Electro Voice Model 638 \$50
FOR SALE: Shure Microphone and stand \$20
FOR SALE: WIFFL Ladder-LOC \$10
FOR SALE: Radio Works Carolina Windom 10-80 meters \$50
FOR SALE: Radio Works 1/2 Square \$45
FOR SALE: Alpha-Delta Sloper 40-80-160 \$50
FOR SALE: Kenwood TL-922 Linear \$1200
FOR SALE: MFJ-989C Antenna Tuner \$150
FOR SALE: MFJ-281 ClearTone Speaker \$10
FOR SALE: Soldering Iron 25 Watt Variable \$20
FOR SALE: 2 Large soldering irons 1-150W and 1 UNK \$20 EA

If anyone owns one of these please contact me, I have spare parts for them.

Yaesu FT-2200, FT-1000D, FT-1000-MP, Icom IC-756 PRO II, Alpha 89 and 9500 Amps

All equipment is in top shape.

Contact Al, AB8AA at ab8aa@portcars.org or call 330-207-3296 [06/02/14]

Man Found In Hara Arena, Days After Hamvention Ends

A Vermont amateur radio operator was found today in a remote hallway within the Hara Arena complex, three days after the end of Hamvention. Officials at a news conference identified the man as Gerry Mapleshire and described him as being found “disoriented, hungry, and with three days of beard growth.”

Ham Found in Hara Arena Days After Hamvention Ends After medical technicians on the scene revived his blood sugar by providing him a leftover \$6 Hamvention Hotdog, Mapleshire recalled what happened.

“It was shoulder-to-shoulder on the arena floor. I remember a nice-looking lady handing me a free Kenwood cloth bag full of brochures and a lapel pin, then the crowd shifted and I was pushed into the MFJ booth,” said Mapleshire. He says that’s when his “survival instincts” kicked in.

“I got on my hands and knees and crawled out of the MFJ booth. I got to the arena floor ramp but the crowd was so thick. I somehow ended up in a hall by the loading docks, without my Kenwood bag,” he said.

He wandered through dark hallways trying to find his way out of the vast complex for three days before a maintenance worker found him. “I called for help on 146.520 but no one answered,” said Mapleshire.

Hamvention information deputy Ned Doubtman investigated why his radio call went unanswered. “Turns out he was transmitting WITHOUT a PL tone. Everyone here blocks out QRM by using a PL tone on transmit and receive. It’s no wonder he wasn’t heard,” said Doubtman.

Mapleshire says he’s still recovering from the traumatic experience, but would like to get in touch with someone from Kenwood so he can get his lapel pin.



HamHijinks.com

Kevin, K5KVN

From our friends at hamhijinks.com

K8IV Repeater Update

Bear with me on this, this is going to cover a lot of ground. Going back about four months now, I received a note from Dennis Motschenbacher, K7BV of Yaesu stating that Matt Welch, W8DEC from AES had suggested that PCARS might be a good club to contact with respect to their DR-1 Repeater Test Program. After some email snafu's, an application was submitted, and accepted. Just before leaving for the Dayton Hamvention I received a shipment with a DR-1 repeater, an FTM-400D digital mobile rig and an FT-1D digital handi-talkie,



all on indefinite consignment from Yaesu. At Dayton, I met up with Dennis, who presented us (PCARS) with a plaque thanking us for being a part of the DR-1 program. After returning home, Ed and I planned to get together to plan where and how the DR-1 system would be integrated into the K8IV repeater system.

It came about quicker than expected! On Tuesday May 20, construction workers at Kent State University knocked down a section of Leebrick Hall. That section contained the antenna



for the K8IV transmitter. The transmitter was left running into an open line. So far, one antenna, transmission line, and transmitter finals have been destroyed. The next day I accompanied Ed to the Kent State Library to review the plan to move the transmitter to that site. Arriving at that site was also not good news for the K8IV repeater. A transmitter antenna and 220 link antenna, which had been mounted previously in anticipation of making a move to the Library building, were both un-installed, damaged and laying on the rooftop. With the antennas, our mounting posts and cables were also either missing or being used by other services. The move to the library is now going to be a more involved process.

On May 28th, Ed and I installed the Yaesu DR-1 at the PCARS club site. This is a temporary situation that allows us to have a repeater on the air. This is a single site installation. Currently the discone antenna, at about 50 ft. is being used for the transmitter, and the tri-band antenna at about 170 ft. is being used as the receive antenna. This has a PL of 110.9 – so that is the tone you will need to access it. We're running it at 20 watts. In our initial testing we were able to make contacts from the west side of Streetsboro, to the far east side of Ravenna in our mobiles. We also made contact with Mike, KC8UNR in Newton Falls and Sandy, KD8JCY in North Benton, both on their base stations. We'll be making more information available about the DR-1 repeater, but for now it can just be used as we're accustomed to. I want to extend a special **"Thank You"** to Matt at AES and to Dennis at Yaesu for making this available to us. The timing was perfect!



Back to K8IV. The move to the library was already in the plan. It's a more urgent consideration now. I know Ed has already repaired the original transmitter and is in the process of acquiring new antennas. We will be installing at the KSU library as soon as it's approved for where we want to place them. This new site for the transmitter will have outstanding coverage based on its height! I'm guessing about a week or two to be up and operational. We'll go back to the original configuration with the two remote receivers. Once operational again we'll figure out the best way to deploy the DR-1 into the system so that we'll have the option of digital communications also.



Personally, I want to thank Ed for his dedication to maintaining the repeater system for the club's use. His investment of both time and cash far exceeds what most of us would consider rational.

Tom, WB8LCD



CQ Contest de VP9I

All the planning and hard work paid off for the VP9I team in Bermuda during the 2013 CQ World-Wide RTTY Contest. PCARS Treasurer - George, K3GP was on that 2013 RTTY team.

At the Dayton RTTY Dinner the winning plaque was handed out.



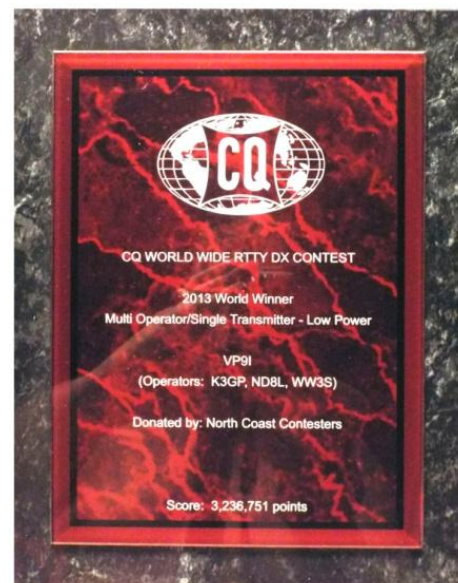
Ed Munns W0YK, the CQ WW RRTY Contest Director presented the plaque to VP9I team comprised of: Jamie Tolbert, WW3S - Ray Fallen, ND8L - George Proudfoot, K3GP.



The plaque reads: CQ WORLD WIDE RTTY DX CONTEST - 2013 World Winner - Multi Operator, Single Transmitter - Low Power - VP9I (Operators: K3GP, ND8L, WW3S) - Score 3,236,751 Points

Side Note: Ed Muns W0YK was inducted into the CQ Contest Hall of Fame two days after this photo was taken.

George, K3GP



It's Spring (FINALLY!)

Which means yard work. Spring also means baseball and I'm a baseball fanatic. So why am I writing about baseball and yard work in the PCARS newsletter? Yard work and baseball led to a strange addition to my shack last year. I like to work outside and listen to games. It's easy to listen with a cheap AM/FM radio to an Indians' game in my backyard and 38 states and half of Canada but when I want other games, I turn to streaming audio from the Internet. My smart phone has the capability to stream games but I don't always have a good Wi-Fi signal outside and don't want to use up my monthly data allowance unnecessarily. I may also have a slightly irrational fear of my phone dying in a riding mower mishap, so I leave it inside mostly.

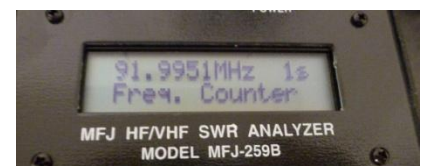
I went in search of a creative solution using another love, radio. I found many options that could end with me and the FCC not being on the best of terms and I really, really like my ham license, so I kept looking. I found the answer on an online forum for people that have Clark Griswoldesque Christmas light displays in their front yards. Apparently people synchronize their Christmas light displays to Christmas music so that visitors to the neighborhood can listen along to the light show. And the way that many of them broadcast the music was the means to my end. Ramsey Electronics.

As a new ham at 13 years old back in the early 1990's I built a Ramsey aviation band receiver kit with the youth amateur radio club I belonged to at the YMCA, so I was familiar with them. Among many other very neat kits, Ramsey makes AM and FM

broadcast band transmitter kits that result in something similar to what you may have used at one point to link your iPod or CD player to your car stereo but with a bit more (legal) power behind it. This would let me listen on any small AM/FM radio or the noise reducing ear muffs I wear when mowing.

The FM stereo transmitter (FM-10C) was the best choice due to the expected range, audio quality and antenna options. I found the kit to be very straight forward and a ton of fun to build. The only thing I decided to add to the build was an LED to the front panel as a power indicator. It took me a few evenings of work but before long it was done. Miraculously, it worked the first time I plugged it in and turned it on. The smoke stayed in the box...success!

After some tweaking, I settled on a TX frequency of 91.00 MHz as it was as far off of nearby broadcast stations as possible, thus keeping me in compliance with Part 15. Since it needs 9-15 Vdc and would be hooked into a computer for internet streaming, the logical place for it to end up was



connected to the shack PC and power supply. After experimenting with it, I found the range to be more than acceptable with the built in whip antenna.

I could hear the audio I was transmitting on every last inch of a nearly 2 acre area without using an external antenna. I was very pleased at the results.

In the year plus that I've been using the FM-10c, I've found it to be pretty stable only drifting a few Hz occasionally when it gets too warm but nothing that a slight tap of the receiver dial cannot fix.

It's an odd addition to a ham shack, no doubt, but I've found it to be very practical allowing me to listen to streaming audio or plug in my HF rig, HT, or scanner to let me keep listening to whatever it was that I want to listen to wherever I may be around the house or in the yard. Not bad for \$50 and a fun radio project!



73, & Batter UP!
Deron, N8XTH

<http://www.ramseyelectronics.com/Ramsey-FM-Stereo-Transmitter-Kit/dp/B0002NRIMS>



Soggy, Rainy, Stormy, FUN !!!!!!!

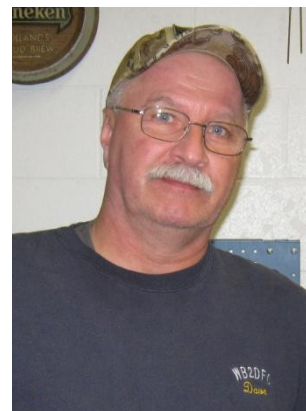
I had a great time at the 2014 Dayton Hamvention. With no particular quest for gear, I ambled along thru the inside and outside and enjoyed looking at all of the stuff.... lots 'o stuff. Especially enjoyable were the friends I ran into.... those from the local area and those from far away.

I spent a few minutes with Steve, WG0AT from Colorado and learned he lost one of his goats, Rooster. Rooster was 9 years old and the co-star of many of Steve's QRP adventures. On a positive note, Steve somehow talked his XYL into replacing Rooster with two new goats !!! Check out his Youtube videos for the latest.

And..... the traditional "meet WB8LCD, Tom" in the local parking lot for an improptu meeting took place.... Most enjoyable.... Tom always provides the best hospitality for these meetings ! Tom, Zeb, and I also participated in the HFPack Net Saturday afternoon on 18.1575 (USB) All three of us checked in from the west parking area with a whopping 5 watts !!!! The net control station was at least 1/4 mile away (hi hi) making for a fun event.



Other than a portable HF antenna purchase, not much else.... except two of the COOLEST coffee mugs ever purchased !!!.... I am now the proud owner of a Michigan QRP Club mug and an IOTA mug !! Coffee really does taste better when it's from one of your favorite mugs.

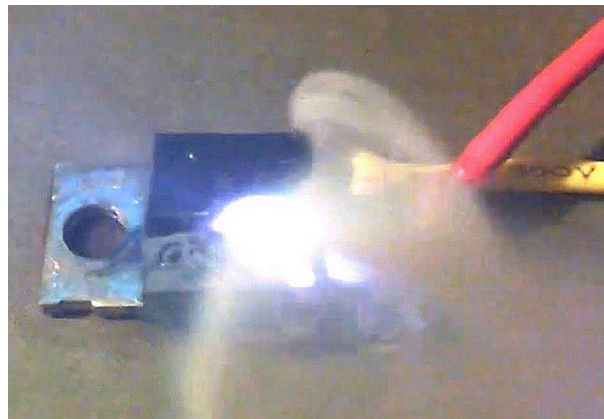


Hope to see you all next year! 73
Dave, WB2DFC

How Electronic Devices Work

For many years young electronic technicians have been taught the "hole" theory of electronics. This theory explains how electrons move along conductors and semiconductors. The theory has been good enough to satisfy or keep at bay anyone who might otherwise question the theory.

However, after a number of years working in the electronics industry I have come to realize that the hole theory may not be correct. My theory which has been proven time and again by personal observation is that electronics works on smoke. Yes – that's right. I recently learned that every manufacturer encapsulates a certain amount of smoke in every electronic component they build. The smoke is what does the work. You have probably noticed that a component will quit working when the smoke leaks out.



Conclusively proves my theory. I have documented this many times and it this theory sure beats the "hole" theory. I've never seen holes in a wire and why don't the electrons pour out of the end of the wire if it is broken?

Lee, WA8ERA
From: W6SA in Radio World - 1985

ALL HANDS.....ALL HANDS.....

Am proud to report that I was one of the NAVY MARS Radio operators aboard the USS LST-325, which is on display as a museum in Evansville IN., working the Armed Forces Military Cross-Band Test (ops) .



We had crew of five worked Amateur Radio, HF Stations all over the country. We were operating from the Radio Shack, of the WWII Memorial Ship, USS LST-325. This proud lady was at

Normandy and assaulted Omaha Beach on D-Day June 6, 1944. May God Bless the ALL!!

George, N1EZZ / NNN0ICH

Field Day 2014

Now that we have the 2014 Dayton Hamvention in the rear view mirror and have recovered from the “Dayton Crud”, the cold that three family members got, it is time to get fired up about Field Day 2014. I have recently acquired the materials for the upgrade of the Field Day power distribution system and will begin the construction this week. This upgrade will allow for a fourth power feed that will allow the generator to supply power for the flex station for this and future Field Day operations.

The generator crew will be on site by 0800 with all power equipment. Donuts and coffee will be available at that time. Currently the generator crew needs two additional people to assist with deploying the cords and break-out panels needed for the power distribution system. All 2014 generator crew members will get a free field day shirt. If you are interested in filling one of the two (2) remaining positions contact Jennifer Andrews, KB3GXB @ 234-788-2938.

I know that Robert N8RLG had a list of many items he needed. At this time all of the meats for Field Day have been secured. However I know Robert was looking for cases of various sodas and water. Based on past Field Day usage I think we will need six cases of water and about a dozen cases of soda at a minimum. So if you can help out by committing to bring a case of soda or water to Field Day it would be greatly appreciated by all of the participants. In addition he will need some help in the area of food preparation. Robert is great cook but it is not fair to expect him to complete all of the preparation without help from the club members. Therefore if you can spare an hour or two prior to Field Day to assist with the food preparation, please contact Robert Gurney @ 330-607-3833.

Field Day Meal tickets will be distributed at the June meeting on June 9, 2014. Dinner meal tickets are free of charge to all club members. Extra meal tickets for dinner will be the same as last year, \$5.00. Extra meal tickets for any unexpected guests at dinner might be available at dinner time if there is adequate food. Breakfast meal tickets will be the same as last year, \$1.00.

Flex station is still in need of operators at this time. Only two people have said they wanted to work the flex station so there are 10 more slots to fill. Please contact Karen Andrews @ 330-206-0563 to get signed up for the Flex Station.

All Station Captains please remember to get your operating schedules to Chuck W8PT so he can complete the master schedule which will be posted at the main shelter where the GOTA station and food will be located.



Your Field Day 2014 Staff

Chairman	James, KD8VT
Vice Chairman	Chuck, W8PT
20 Meter Station Capt.	Erica, AE8YL
40 Meter Station Capt.	Ed, K8IV
CW Station Capt.	Dave, WB2DFC
Flex Station	Karen, N8HUC
GOTA Station Capt.	Tom, WB8LCD
6 Meter Station Capt.	Errol, KC8RJR

Power Team Capt.	Kristen, KB3OQV
Safety Officer	Russ, NR8W
IT Team Capt.	Zeb, KD8WZS
Finance Officer	George, K3GP
Public Information Officer	Tony, WA8AR
PIO Table	Parky, KB8UUZ
Field Day Chef	Chef Robert, N8RLG

73,
James, KD8VT



Some Words from Weaver

FCC Takes Enforcement Action on Two Fronts

Is there Renewed Intensity at FCC in DC?

Since Riley Hollingsworth, K4ZDH retired from the FCC, the effort taken by the Commission to enforce its Amateur Radio rules seems to have been minimal and very disappointing. Two recent enforcement actions coupled with a slightly earlier one give hope that ARRL's strong requests may have brought renewed interest within the Commission in acting against rules violators.

As reported at arrl.org, the FCC has cited two individuals for continued violation of rules. In a Citation and Order dated April 24, a Thomas Edward Rogers of Woodinville, WA was cited for interfering with "licensed radio operations and (failing) to comply with federal rules and regulations . . ." The Citation was for repeated failure to respond to previous communications from the FCC and continuing to generate radio emissions that interfered with radio communications. Mr. Rogers was warned of fines of "up to \$16,000 per day."

In an Order dated April 22, the FCC reported a Consent Decree regarding a James E. Winstead, until recently KD5OZY, of Coleman, TX. Winstead had admitted to FCC to have intentionally interfered with other amateur stations on 7.195 MHz. The ultimate conclusion to this investigation is that Winstead was stripped of his Amateur Radio license for life and issued a fine of \$1,000. The fine initially had been set at \$7,000 in a Notice of Apparent Liability issued by the Commission on January 21, 2014.

These two most recent examples of enforcement proceedings come on the heels of action taken against an errant ham who was found guilty of malicious interference with another radio service. All of the actions are the result of investigations by FCC Field Office personnel and regulatory review by FCC staff. The two most recent investigations were stimulated by hams who were effected by or aware of the willful/malicious interference.

Although the Commission did not confirm this in their recent news releases, amateurs likely provided detailed information on the situations. This information typically would involve details (possibly audio recordings) of the interference, general or specific locations of the source of interference, characteristics of the interference, possibly even the identity of the offender, etc. Very often ARRL Official Observers (OOs) help obtain, review and process details into the most useful format for FCC review and action.

From my personal experience, FCC Field Office personnel are more than happy to investigate reports of malicious interference. We, as amateurs, must keep in mind, however, that they have much on their plates and that we need to provide as much information as possible toward identifying a perpetrator. Field Office personnel can be expected to pursue few problems presented to them in a vacuum.

Added comment -

With a new "sheriff in town" at the FCC, and with the Commission having just recently taken rather strong action to rid the ham bands of two bad actors (and having taken care of still another wayward ham during essentially the same time-frame), allow me the privilege of daring to hope ARRL has achieved a renewed interest by FCC management in DC in enforcing it's rules. It has long been the belief of the ARRL Board and Officers that visible, enforcement action discourages many additional amateurs from straying beyond the lines of legal operation.

Let's keep in mind that observing FCC and International Amateur Radio rules and regulations goes beyond avoiding causing intentional, malicious interference. Without trying to provide a discussion of do and don't rules, let me simply say that such seemingly "no-harm, no foul" disregard of the rules as operating out of proper band segment is as much of a violation as is wanton disruption of communication during disaster relief activities. Even though the result of the violation may be considerably different, it is as much a violation of rules for a General Class operator to slip into the Extra Class-exclusive subbands to grab a much-wanted DX station as it is if this same operator interfered with amateur communications that are critical to the health and welfare of victims of a major tornado, flood or earthquake.

(You may be interested to know that more than one DXer has lost DXCC credit and awards after having been shown to have submitted QSLs for contacts made outside their allocated subbands.)

All of the rules should be followed. We must not pick and choose which rules to observe and which to ignore.

Dale's Tales

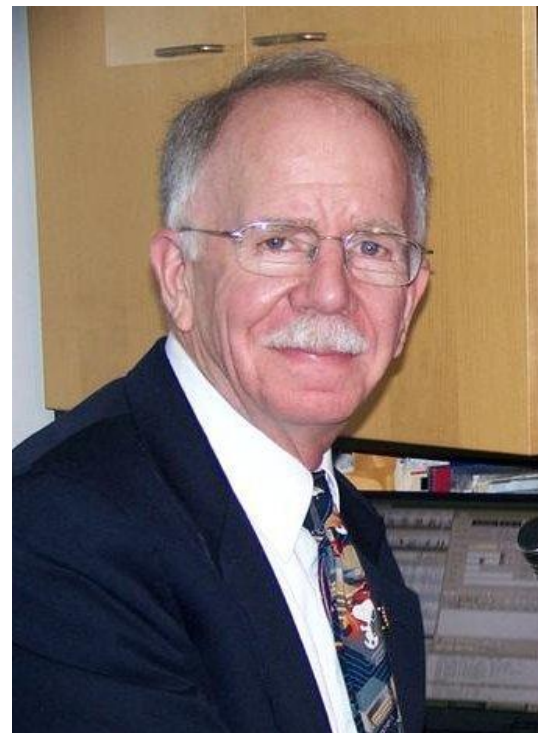
Greetings all.

Good-Fat-Grief! What a happening. The ARRL Centennial, that is. This has to be the greatest operating event since someone developed Field Day. It is like operating Field Day all year long, maybe better. I know I commented on it a couple of months ago in this blurb, but it just gets better. I have received many, many complimentary comments from fellow ops on the air about how much they are enjoying this event. Many have said it has brought them back on the radio after considerable absence. Several have expressed hope that this type event could be continued. Several others have stated that whoever conceived the Centennial event should get a medal. I must agree with all.

I have had loads of fun just simply responding to "CQ ARRL Centennial" and giving the OP 200 points as a Vice Director. Their surprised reactions are wonderful. I have had a few mini-pileups when I have managed to find some operating time just to get on have some fun. It has always been rewarding, and hearing comments from members as well as those holding various appointments and offices really puts the cap on the program.

Interestingly, I see a camaraderie developing within the ham radio community that was not so apparent in the recent past. One hears a lot of "Thank you" and similar complimentary comments from hams world-wide. Surprising, is the amount of participation from so many DX stations as well. Now is a good time to show your pride as a ham.

If you have not yet participated, please give it a shot. The contacts mount up quickly and you can track your scores via Logbook of the World. Look for "Leader Board" on the LoTW home page.



73, see you on the bands. Get on, burn up the ether!!

Dale Williams, WA8EFK
Vice Director, Great Lakes Division

Taking a Peek at the ARRL Centennial Convention

Nobel Prize winner Joe Taylor, K1JT, will be the featured speaker for a large-group presentation at noon on Saturday, July 19 during the ARRL Centennial Convention. The Convention will take place in Hartford, Connecticut. Taylor's presentation, "Gazing into the Future — DXing with Weak Signals and Beyond," will take place in the large meeting hall at the Connecticut Convention Center.

Yes, we have a US Nobel Laureate who is a staunch member of ARRL. And, yes also, all members are invited to register for and to attend the Convention. See arrrl.org for details.

From the ARRL

Ramblings

Similar to Dale (above), I'm having a proverbial ball operating in the ARRL Centennial Celebration. I have to admit that my participation has been limited recently, but I'm chomping at the bit to get back at it!

The activity that has taken much of my time during recent days is becoming current with my QSLing. Since the advent of Logbook of the World (LoTW), I had gotten away from sending cards to the Outgoing QSL Bureau periodically. A couple of weeks ago I decided to get up-to-date with my Bureau cards.

Wow, what a backlog! I may be exaggerating a little, but I would have a large suitcase full of QSLs if I sent all of them at one time. This would also involve a substantial expense when considering the cost of QSLs, labels (for the QSO exchanges), ink and shipping. Consequently, I've decided to go through the morass of QSOs I've neglected to process to pick out only the DX entities and bands I need.

It is often said that one thing leads to another. Well, the initial check for unQSL'd QSOs has progressed to a search to see which cards need to be sent to QSL managers and just who the managers are. These managers are for overseas hams who use QSL managers on a year-round basis and for DXpeditions that used a manager for their Q's. I'm still in the early stages of this second screening. I should have this task completed within another week or so.

Before I receive too many e-mails chiding me for letting my QSLing back up so much, let me acknowledge that keeping up at the end of each day or week -- even month -- would have been much easier and would have consumed less time than when playing catch-up.

By-the-way, if you hear me on the air, work me. I'm always happy to QSO a Division member. In addition, Directors carry a point value of 225 points in the ARRL Centennial QSO Party.



Jim Weaver, K8JE
Director, ARRL Great Lakes Division



N8IL Shack Shot

My station includes an Elecraft K3, Yaesu FL-7000 amplifier, LDG AT-1000 Tuner feeding a K4KIO Hex Beam with a Ham-IV rotator fitted with an Idiom Press Rotor-EX computer interface. There is also an end-fed 160M quarter-wave wire for the low bands. The Morse paddles are from Mike March and the microphone is a Heil PR-40. To monitor my TX output, there is a Tektronix Scope with a PreciseRF coupler as well as an LP-100A watt meter. To quickly scan the bands, there is an LP-PAN Panadapter using PowerSdr, and I use Ham Radio Deluxe (HRD) for logging and station & rotator control. HRD also helps keep my LOTW entries in sync.

For contesting, I use N1MM software. I recently finished 118th (of 5,000+ competitors) in the CQ SSB WPX contest. I completed the DXCC and WAS awards strictly via Log Book of the World, though most of that effort was done with a Yaesu FT-950 which I used until March of 2014. For local communication, I have an Icom IC-2820H feeding a Diamond dual-band VHF/UHF antenna.



I used the K3 over the weekend in the CW WPX contest, and am completely speechless about its performance. I never had the feeling I was on crowded bands, and had no trouble hearing the desired station. I can't say enough in favor of the DSP processing and the 250HZ roofing filter. In the SSB contest, the audio punch and compression obviously gave me a huge advantage.

Warmest Regards!
Neil, N8IL

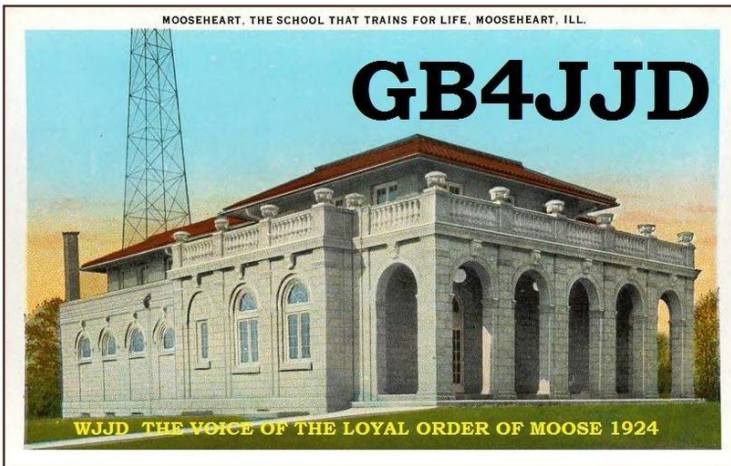
PCARS

ARRL Volunteer Examiners:
serving the Amateur Radio community

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

Moose Anniversary Special Event Station

The Radio Amateurs of Burnham-on-Sea Moose Lodge 123 in the UK are celebrating a special Moose Anniversary this year. We are hosting a Special Event Station in recognition of the 90th Anniversary of the opening by James John Davis of the Mooseheart Radio Station WJJD, affectionately known as “The Voice of the Loyal Order of Moose.”



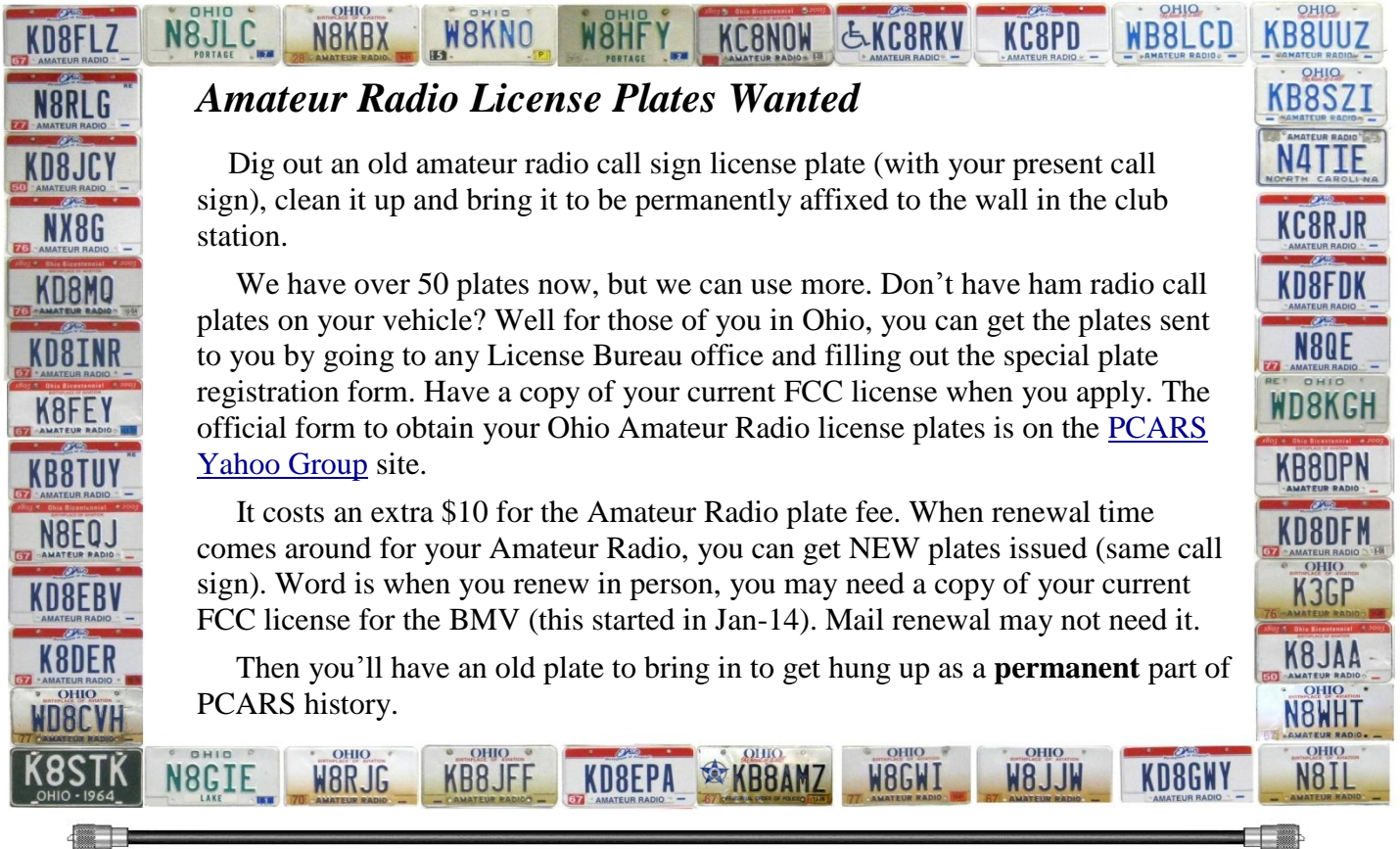
The event will take place over the weekend of 21st and 22nd of June 2014 and we will be transmitting on all the UK Amateur bands. The station call sign will be **GB4JJD** in honour of J. J. Davis and all contacts will receive a commemorative QSL card depicting the Women’s building (note the antenna mast in the background) where the original transmitters were housed. We will be particularly listening for any calls from Moose Amateurs in the States both on phone or CW but nevertheless we will be spreading the Moose message to the world. Please listen out for us.

During the years following the opening of Mooseheart in 1913, the children and other residents there became interested in the new media of Radio. The 5c and 10c store in Batavia was able to supply all the components required to build crystal sets and simple radio receivers. Following the enthusiasm created and the success of this venture, J. J. Davis, in his inimitable way, never failing to seize an opportunity, established a Radio Club at Mooseheart. By 1924 it was decided to test this new media and on 27th October, on Founder’s Day, the new Radio Station WJJD (so named in honour of Davis) took to the air. “Mechanical Apparatus” had been installed in the Women’s Building and two 150 ft towers erected, one either side of the building to support the antennas. Our picture shows the Women’s building and one of the towers.

What the Radio station lacked in professional talent was more than made up by the enthusiasm of the Mooseheart students who in the early days produced and hosted the programs.

Greg KA8TOA





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

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

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

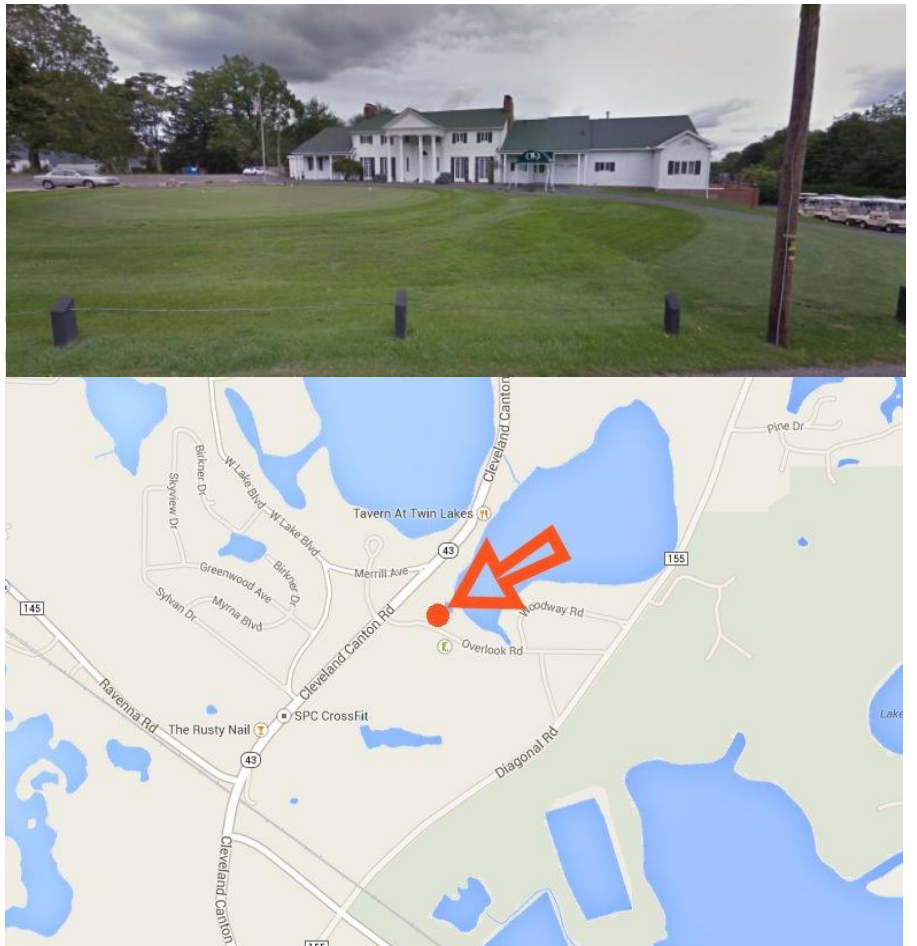
PCARS Meetings

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

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

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

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



Pictures from Antenna Day - May 3, 2014



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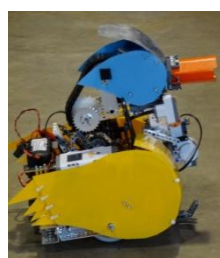
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I received a note from Dennis Motschenbacher, K7BV of Yaesu stating that Matt Welch, W8DEC from AES had suggested that PCARS might be a good club to contact with respect to their DR-1 Repeater Test Program. Just before leaving for the Dayton Hamvention I received a shipment with a DR-1 repeater, an FTM-400D digital mobile rig and an FT-1D digital hand-talkie, all on indefinite consignment from Yaesu. At Dayton, I met up with Dennis, who presented us (PCARS) with a plaque thanking us for being a part of the DR-1 program.





Photos From
WB8LCD, K8MSH,
KB8UUZ, K8JAA,
N6TV, KB8VAO





Juno Project Update

If you'll recall, last October was a special operating opportunity to help NASA assess the capabilities of its JUNO spacecraft. The spacecraft was launched from Cape Canaveral, Florida in August of 2011 aboard an Atlas V551 rocket. This is the most powerful rocket in the Atlas series with 5 solid fuel boosters.

<http://missionjuno.swri.edu/launch> In October of 2013 it was doing an earth flyby for gravitational acceleration, to give it enough velocity to reach Jupiter.

<http://missionjuno.swri.edu/earth-flyby>

The Juno spacecraft is scheduled to reach Jupiter approximately 2 years and 35 Days from today (5/31/2014). Ham radio operators helped the mission planners test the very wide band receiver that would be used while orbiting Jupiter, while it was in a real space environment. That part of the mission was a success, as the slow speed code sending "HI" was received and clearly detected several times.

I'm only aware of two PCARS members who participated and received the QSL card for this project: Amy, KD8SKL, and Tom, WB8LCD.

So, while you may be one of only 50,000 hams to work somebody sitting on a rock in the middle of the ocean, we are two of only 1400 to work this spacecraft. Now that's one rare QSL card!



Tom, WB8LCD

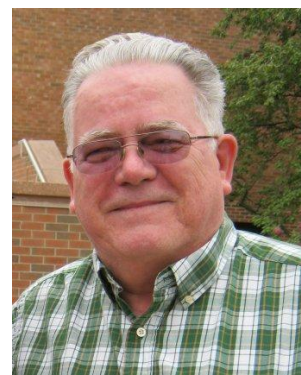
Thanks & 73

All of our members (and others) look forward to getting this newsletter every month, so keep sending those inputs! I'm sure PCARS will again be known as the **BIG FUN** amateur radio club with plenty of activities to report on in this newsletter all throughout the year.

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

WB8LCD, KC8PD, N8RLG, KB8UUZ, AB8SX, N8SY, W8KNO, W8PT, KD8MQ, K8CAV, K3LR, K5KVN, K3GP, N8XTH, WB2DFC, WA8ERA, N1EZZ, KD8VT, WA8EFK, K8JE, N8IL, KA8TOA, K8MSH, K8JAA, N6TV, KB8VAO, Christopher Friesen - Radio World, ARRL & the World-Wide Web.

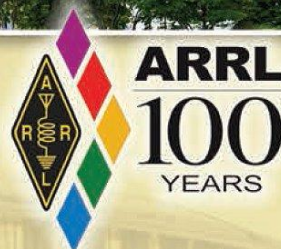
With *your* continued help – we can keep making this a *great* newsletter.



Tom "Parky", KB8UUZ
PCARS Newsletter Editor

ARRL2014

Centennial Events & Programs



■ ARRL National Centennial Convention—July 2014



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

Thursday, July 17, 2014

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

Friday & Saturday, July 18-19, 2014

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

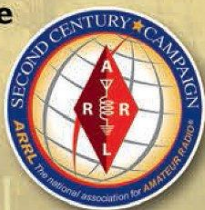
**July 17-20, 2014
(Thurs-Sun)**
Tours of ARRL headquarters and W1AW

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■ Donate Now to the Second Century Campaign for the ARRL Endowment www.arrl.org/scc



■ Yearlong On-Air Operating Event and Awards

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

Advancing the Art and Science of Radio—Since 1914

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

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



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

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

"When All Else Fails - Amateur Radio Works"

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

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

2014 PCARS Appointments & Committees

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

KC8PD	Jim Aylward
KB8UUZ	Tom Parkinson
KB8DPN	Russ Anderson
N4IT	Carl Capps
WB8LCD	Tom Sly
N8XTH	Deron Boring
N8PXW	Jim Korenz
N8QE	Bob Hajdak
W8PT	Chuck Patellis
K8IV	Ed Polack
K8QF	Russ Conklin
WD8CVH	Ted Wands
N8RLG	Robert Gurney
AB8AA	Allan Avnet
K8JAA	Jane Avnet
KD8FLZ	Mike DiCarro
W8RID	Bob Davet
WA8CCU	Al Nagy
NR8W	Russ Williams
KD8RJV	Jim Corbett
W8EZT	Frank Tompkins
N8OQQ	Bryan Buchwalter
AC8NT	Jim Wilson



**PCARS
Volunteer
Examiner
Team**



The **RADIOGRAM** is the official **Award Winning** (ARRL Ohio Section Newsletter First Place Winner - 2012 AND 2013 - plus Second Place in the Great Lakes Division for 2013!) newsletter of the Portage County Amateur Radio Service, Inc. (PCARS) – copyright © 2014. Articles are the opinion of the authors and not necessarily those of PCARS. Or, better yet, let me express it this way: "These are my opinions and only my opinions, unless you share them as well, which would make them our opinions, but I am not of the opinion that I can express your opinion as my opinion without your prior expression of said opinion, and then my re-utterance of that opinion would, in my opinion, be foolish unless I were expressing agreement to your opinion, and then it wouldn't be my opinion but your opinion to which I only agree." **GO AHEAD - STEAL THIS NEWSLETTER!** You have our permission to post, e-mail, copy, print, or reproduce this newsletter as many times as you like, but please do not modify it. If you use material in this newsletter, all we ask is that you give credit to PCARS along with the author of the article. The **RADIOGRAM** comes out the first day of each month (usually), please have inputs submitted by 8 pm ET on the last Friday of each month. ARES® (Amateur Radio Emergency Service®) is a program of, and both logos are registered trademarks (used with permission) of the American Radio Relay League, Inc. ARRL, the national association for Amateur Radio™. **Why the Black Squirrel in our logo?** For those of you not familiar with it: the Black Squirrel is now commonly seen around Portage County, Ohio. Seems that some of these little guys and gals got loose from Kent State University back in 1961. They have migrated and thrived throughout our county. Kent State University even has an annual Black Squirrel Festival. So when you spot a black squirrel – **think PCARS!**

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
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THE RADIOGRAM