



~ 2015 Officers ~

President - Rick Kruis - K8CAV  
Vice President - Tony Romito - WA8AR  
Treasurer - Bob Hajdak - N8QE  
3 Year Trustee - Chuck Patellis - W8PT  
2 Year Trustee - James Andrews - KD8VT  
1 Year Trustee - Erica Pelz - AE8YL  
Past President - Tom Sly - WB8LCD

~ Meetings & Net ~

2<sup>nd</sup> 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

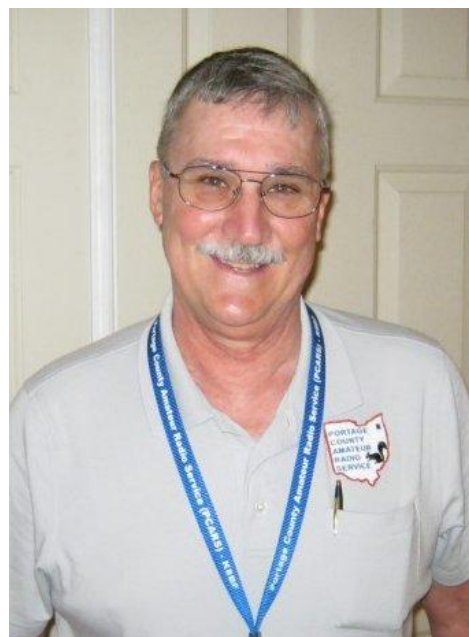


Special Services  
Club  
March 22, 2010

## From the President

There are only a few weeks until PCARS' biggest annual event, Field Day! It's on your calendar, right? You all know what a great time PCARS Field Day is and this year promises to be as good as ever. And there is still time to get signed up to operate or log on 20 meters, 40 meters, CW, Flex, and VHF so please see Chuck, W8PT's Field Day column with information on how you'll let these station captains know YOU want to be a part of a great team.

Everyone loves the PCARS dinner on Saturday evening and our loggers and operators sure enjoy a good breakfast Sunday morning to fuel that final push towards Field Day excellence. We do need a couple of things from you though. First, if you or your guest would like to eat, **you need tickets** for either or both of those meals. Dinner is free for all PCARS members, five dollars for your guest and breakfast tickets are one dollar each for members and guests. The tickets don't cover the entire cost of the meals but they DO let the food team captain know how many meals he has to plan for. That brings me to my next request, volunteers to help Mike, KD8FLZ prepare and serve dinner and breakfast. As much as we all enjoy the good eats, the meals don't prepare and serve themselves and Mike can't do it by himself either. Soooooo – if you really want to see good meals provided for Field Day **please, please, PLEASE** volunteer to give Mike a hand! Drop him an e-mail at [kd8flz@portcars.org](mailto:kd8flz@portcars.org), or let our Field Day chairman, Chuck, W8PT know at [w8pt@portcars.org](mailto:w8pt@portcars.org).



Rick, K8CAV

Our power team captain, James, KD8VT needs some volunteers to lay power cables before Field Day and to take them up at the end. And the IT guys need help as well getting everything distributed and operational at the station sites. So keep both of them in mind when considering volunteering!

**Last but certainly not least, join us no matter what your role for a great time of radio, fun, and fellowship for PCARS Field Day 2015!**

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## *From the President* (continued from Page 1)

For those that missed our last monthly meeting, PCARS had a very enjoyable Skype presentation on the K1N - Navassa DXpedition. This was our most reliable Skype presentation yet, and my thanks go to Zeb, KD8WZS for setting up the means to make it happen. The ability to have a quality Skype connection opens the door to future presentations to PCARS that would be of interest to our members and hopefully we'll be able to maintain that ability.

Alas, I was not able to make it to Dayton Hamvention this year, but from everything I've heard it was a good weekend for those that got to go. I'm looking forward to seeing the photos elsewhere in the newsletter, and hope that you all found the things that you were looking for as well as ogling all that good stuff that's always at Hamvention!

Public Service communications is always an important part of what PCARS has been involved with. It helps those organizations that do some great things for the public at large, and just as important it presents the face of Amateur Radio to the public. So when you see an announcement requesting volunteers for a Public Service event, please consider volunteering when you can.



Our next meeting will be on Monday, June 8th at 7:00 PM at the American Legion Post 496 in Kent. Tony, WA8AR will have information in his column about the meeting topic and other upcoming PCARS events. It looks like most of the issues we experienced at our initial meeting there have been worked out and it's become a great place for our meetings. So come early, grab something to eat, and enjoy the meeting and visiting with your fellow PCARS members.

One can always tell how good an organization is by the way a member's eyes light up when they start talking about, or are asked about their club. PCARS is just such a club, and it's enjoyable and gratifying to see that response in our members. PCARS is fortunate to have members who volunteer to take on all of the different positions and jobs to lead the effort, but all of that would be for naught without you, the members who participate in our club. As clubs and organizations tend to go, PCARS is way ahead of most with the percentage and number of members that participate and are active in the club. YOU make PCARS what it is, a vibrant and enjoyable club for all so keep on coming and enjoy the fun and fellowship.

73,

**Rick, K8CAV**  
PCARS President



## Happy Birthday PCARS Members

PCARS members having a birthday in **June**:

<b>WA8SJU</b>	<b>Howard</b>	<b>Evans</b>	<b>AB8AA</b>	<b>Allan</b>	<b>Avnet</b>
<b>W8CDL</b>	<b>Coletta</b>	<b>Tomasik</b>	<b>WD8DAU</b>	<b>Dan</b>	<b>Trout</b>
<b>KC8MXW</b>	<b>Aaron</b>	<b>Beatty</b>	<b>KD8LIR</b>	<b>Jennifer</b>	<b>Sly</b>
<b>WB8OVQ</b>	<b>Robert</b>	<b>Warner</b>	<b>KD8WCK</b>	<b>Richard</b>	<b>DeMattia</b>
<b>KD8SIZ</b>	<b>John</b>	<b>Miles</b>	<b>KD8VGY</b>	<b>David</b>	<b>Barnes</b>
<b>KD8EPF</b>	<b>Rena</b>	<b>Martin-Wehner</b>			

## Mark Your Calendars

On the calendar for upcoming meetings and activities are:

- **June 6<sup>th</sup> - VE Testing** - PCARS Club site in Ravenna - 10 AM
- **June 8<sup>th</sup> - PCARS Meeting** - Kent American Legion - The PCARS Dayton Experience. Show and Tell, Dayton stories - 7 PM
- **June 27-28<sup>th</sup> - FIELD DAY** - Ravenna City Park - 10 AM
- **June 27<sup>th</sup> - VE Testing at FIELD DAY** - Ravenna City Park - 3 PM
- **August 1<sup>st</sup> - Great Lakes Division Convention** - Columbus, OH

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



- |                |   |  |
|----------------|---|--|
| First Tuesday  | - | <b>Digital</b> Special Interest Group          |
| Second Tuesday | - | <b>QRP/CW</b> Special Interest Group           |
| Third Tuesday  | - | <b>Antenna</b> Special Interest Group          |
| Fourth Tuesday | - | <b>DX &amp; Contest</b> Special Interest Group |
| Fifth Tuesday  | - | <b>Linux for Hams</b> Special Interest Group   |



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

## PCARS Thursday Night Net

Our Net continues with a lot of activity despite the nice weather! My last report was for nets through the end of February, this report carries it through the end of May. That's a total of 22 nets, I have logs and information here on 21 of those 22. There have been 97 unique call signs checked into the nets, with a total number of check in's from the first of the year at 489. The weekly average is 23.28, the most check in's was 34 and the net with the lowest number of check in's was 15.



Through the end of May, N8ATV and WB8LCD have checked into every net held this year (21). Close behind is KB8UUZ at 20, N8XTH and KA8TOA at 19, and KB8UHN at 18. Thank You! We appreciate your support for the nets.

**Tom, WB8LCD**  
Net Control Coordinator



## PCARS VE Test Sessions

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

**June 6<sup>th</sup>, June 27<sup>th</sup>\*, August 1<sup>st</sup>, October 3<sup>rd</sup>, December 5<sup>th</sup>**

*\* The June 27<sup>th</sup> Saturday - 3pm at the PCARS Field Day site - Ravenna City Park - walk-ins welcome*

### 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 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.
  - Original and copy of a pre-March 21, 1987 Technician license (this provides credit for the Element 3 [General] exam) - you must be currently licensed to get this credit.
- Expired License? Original and copy of your expired Amateur Radio License - you must take and pass element 2 to re-instate your license.



**Robert, N8RLG**  
PCARS VE Team Liaison



## *New General Question Pool to Take Effect July 1*

On **July 1, 2015** a new Element 3 General class question pool will take effect for examinations. VECs and VEs will have new test designs available for use at exam sessions effective that date.

The newly revised pool released in December 2014 (updated February 11, 2015) by the Question Pool Committee (QPC) of the National Conference of Volunteer Examiner Coordinators (NCVEC) must be in use starting July 1st. There is one graphic required for this pool and 462 questions in this pool, up slightly from 456 in the previous pool. Questions G1E10 and G5B08 have been formally withdrawn from use and should not appear on exams. To view the new General class pool, visit the NCVEC web site at <http://ncvec.org/page.php?id=364>.

The question pools review is part of a regular process and each question pool is reviewed and updated on a four year rotation. The Extra pool is scheduled for an update in 2016. No question pools are scheduled to be updated or released in 2017. All current question pools and useful information pertaining to the pools can be viewed on the ARRL Web at [www.arrl.org/question-pools](http://www.arrl.org/question-pools).



*From the ARRL*

## Contest Calendar

June 2015	
10-10 Int. Open Season PSK Contest	0001Z, Jun 6 to 2359Z, Jun 7
ARRL June VHF Contest	1800Z, Jun 13 to 0259Z, Jun 15
Kid's Day Contest	1800Z-2359Z, Jun 21
ARRL Field Day	1800Z, Jun 27 to 2100Z, Jun 28

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

### RadioSport

**On-air fun on 6 Meters and up!**

**ARRL June VHF Contest**  
 June 13-15, 2015  
 Begins 1800 UTC Saturday.  
 Ends 0259 UTC Monday.

**Work grid squares as score multipliers. See rules**

**Enter PCARS as your club name**



## DX / Contest Special Interest Group

Here is another example of not quitting simply because nothing seems to be happening or you think you haven't made many contacts during a contest. A group of PCARS Contesters operated in the Idaho and Wisconsin QSO Parties recently.



The Idaho contest was a two day event and there are not a lot of stations in the state so we decided, that since the Wisconsin event would be more populated, to only operate one day in the Idaho contest.

I was pleasantly surprised then, when I received this certificate by email. And more so when I read the results. Way to Go PCARS!

73  
**Chuck, W8PT**  
 DX/Contest SIG

## EmComm

Everyone remembers the poster captioned “**I want you!**” with Uncle Sam pointing his finger directly at the viewer. It was a classic and very compelling recruitment poster for the military services.

Well, to paraphrase the poster, “**We Need You!**” That’s right, your local amateur radio emergency and public service teams need your membership and participation.

On behalf of the Portage County EMA’s Communications Unit/RACES team let me tell you that I don’t think that you can find a better opportunity to become a valued volunteer for your community. While the Comms Unit can always operate under RACES rules if circumstances require, its strength is in its ability to perform a wide variety of tasks which can also include the use of both public safety and amateur radio equipment.

The Comms Unit staffs the county’s Mobile Command Post when it is deployed and CU team members have the opportunity to work and interact with other county teams such as the Dive Team, Urban Search and Rescue, and HAZMAT, plus all of the police and fire departments. A number of the CU members have also become members of the county’s Incident Management Assistance Team.

The Comms Unit conducts biweekly training nets, meets monthly for regular training, and holds quarterly drills. The training can be an excellent way of expanding and developing your practical and technical skills as an amateur radio communications volunteer. If you have an interest in joining the Comms Unit, please talk to me at a PCARS meeting or event or send me a note at [kc8pd@portcars.org](mailto:kc8pd@portcars.org).

The Amateur Radio Emergency Service® (ARES®) of Portage County can also benefit from your active involvement as an ARES® member. It conducts its own biweekly training nets and also conducts Skywarn nets during severe weather events.

Mike DiCarro, KD8FLZ, is the ARES® Emergency Coordinator for Portage County and his team has become very active, providing communications support for up to a half dozen events each year. Special event communications are a great training opportunity as well as a fun way to provide valuable service to the community that is very much appreciated by the event organizers and is also personally rewarding.

Mike would welcome you as an ARES® member and you can contact him at [kd8flz@portcars.org](mailto:kd8flz@portcars.org) for more information. It is important for him to have a roster of regular and active participants that he knows he can count on.

Like I said above: “**We Need You!**” Let us hear from you.

Here are some upcoming opportunities to volunteer for public service events as well as the contact information for each event:

- \* **Western Reserve Half-Ironman Triathlon**, 6/7, contact Mike, KD8FLZ
- \* **Bellefaire Biathlon**, 8/23, POC TBS
- \* **Ravenna Parks and Recreation – Marlene Watt 5k**, 6/20, contact Mike, KD8FLZ
- \* **Mantua Potato Stomp**, 9/12, contact Jim, KC8PD, [kc8pd@portcars.org](mailto:kc8pd@portcars.org)

73,

*Jim, KC8PD/AAR5AI*

**Radio Officer, Portage County OHS/EM Communications Unit/RACES**







## *Hamfest Schedule*

**06/07/2015 - Breeze Shooters Hamfest and Computer Show** - Location: Butler Farm Showgrounds - 627 Evans City Road - Butler, PA 16001 - Website: <http://www.breezeshooters.net> - Talk-In: 147.300+ - Contact: Robert Benna, N3LWP - 1010 Willow Drive Pittsburgh, PA 15237 - Phone: 412-366-0488 - Email: [N3LWP@verizon.net](mailto:N3LWP@verizon.net)

**07/11/2015 - 20/9 Hamfest and Tailgate 2015** - Location: Austintown Senior Center - 112 Westchester Drive - Austintown, OH - Website: <http://20over9.org> - Talk-In: 147.315 - Contact: Dorothy O'NeilMeleski, KC8SYF - 17520 Denver Drive Lake Milton, OH 44429 - Phone: 330-651-8420 - Email: [kc8syf@gmail.com](mailto:kc8syf@gmail.com)

**07/18/2015 - 2015 NOARSfest** - Hamfest and Computer Show - Northern Ohio Amateur Radio Society - Location: Spitzer Convention Center, Lorain County Community College - 1005 North Abbe Road - Elyria, OH 44035 - Website: <http://www.noars.net> - Talk-In: 146.700 (PL 110) - Contact: Darlene Ohman, KA8VTS - 161 Herrmann Drive - Avon Lake, OH 44012 - Phone: 216-398-8858 - Email: [noarsfest@noars.net](mailto:noarsfest@noars.net)

**08/01/2015 - Great Lakes Division Convention (Columbus Hamfest)** - Voice of Aladdin ARC - Location: Aladdin Shrine Center - 3850 Stelzer Road - Columbus, OH 43085 - Talk-In: 146.760 (PL 123) - Contact: Jim Leonard, WD8MRT - 37 Noble Terrace, Apt. B - Springfield, OH 45504 - Phone: 614-264-8566 - Email: [wd8mrt@arrl.net](mailto:wd8mrt@arrl.net)

**08/30/2015 - Western Pennsylvania Section Convention** - Skyview Radio Society - Location: Skyview Amateur Radio Campus - 2335 Turkey Ridge Road - New Kensington, PA 15068 - Website: <http://skyviewradio.net> - Talk-In: 146.64 - 600 offset (PL 131.8) - Contact: John Patrick Cancro, NK3P - c/o Skyview Amateur Radio Society - 2335 Turkey Ridge Road - New Kensington, PA 15068 - Phone: 724-309-6304 - Email: [jpc2@psu.edu](mailto:jpc2@psu.edu)

**09/13/2015 - Findlay Hamfest** - Findlay Radio Club - Location: Hancock County Fairgrounds - 1017 East Sandusky Street - Findlay, OH 45839 - Website: <http://www.findlayradioclub.org> - Talk-In: 147.15+ - Contact: Bill Kelsey, N8ET - 3521 Spring Lake Drive - Findlay, OH 45840 - Phone: 419-423-3402 - Email: [n8et@woh.rr.com](mailto:n8et@woh.rr.com)

**09/13/2015 - Butler SwapFest** - Butler County Amateur Radio Association - Location: Unionville Volunteer Fire Company - 102 Mahood Road - Butler, PA 16001 - Website: <http://w3udx.org> - Talk-In: 147.36/96 (PL 131.8) - Contact: Rick Melton, N3VKM - 214 Criley Road - Cabot, PA 16023 - Phone: 724-287-8134 - Email: [N3VKM@arrl.net](mailto:N3VKM@arrl.net)

**09/27/2015 - Cleveland Hamfest and Computer Show** - Hamfest Association of Cleveland - Location: Cuyahoga County Fairgrounds - 164 Eastland Rd - Berea, OH 44017 - Website: <http://www.hac.org> - Talk-In: 146.73 (PL 110.9) - Contact: Glenn Williams AF8C - 513 Kenilworth Rd - Bay Village, OH 44140 - Ph: 440-835-4897 - Email: [af8c@arrl.net](mailto:af8c@arrl.net)

**10/18/2015 - Conneaut ARC's Ham Fest** - Conneaut Amateur Radio Club (W8BHZ) - Location: Conneaut American Legion - 272 Broad St - Conneaut, OH 44030 - Web: <http://www.facebook.com/W8BHZ> - Talk-In: 147.390 (PL 131.8) - Contact: Mike Pongrass, KD8OSJ - POB 693 - Conneaut, OH 44030 - Ph: 814-440-6679 - Email: [KD8OSJ@yahoo.com](mailto:KD8OSJ@yahoo.com)

**10/25/2015 - Massillon ARC Hamfest** - Massillon Amateur Radio Club - Location: Massillon Boy's & Girls Club - 730 Duncan Street SW - Massillon, OH 44646 - Website: <http://www.w8np.org> - Talk-In: 147.18 (PL 110.9) - Contact: Terry Russ, N8ATZ - 3420 Briardale Drive NW - Massillon, OH 44646 - Phone: 330-837-3091 - Email: [truss@sssnet.com](mailto:truss@sssnet.com)

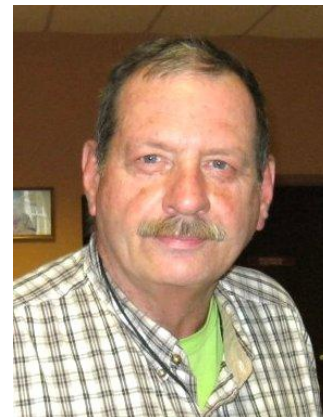
**11/01/2015 - WACOM HAMFEST 2015** - Washington Amateur Communications, Inc. - Location: Washington County Fairgrounds - 2151 North Main Street - Washington, PA 15301 - Website: <http://www.wacomarc.org> - Talk-In: 146.790, 145.250, 147.285, 147.390 (all linked together) - Contact: Bud Plants, N3TIR - 236 Chambers Ridge Road - West Alexander, PA 15376 - Phone: 724-350-6745 - Email: [bud@n3tir.com](mailto:bud@n3tir.com)



## *CW Practice to start at Club Site*

CW practice will resume July 1<sup>st</sup> at the clubhouse Wednesday, 7 PM to 9 PM. W1AW begins sending slow code at 1900 EDT sharp. So you've learned the Morse code characters/numbers from a computer generated device and you haven't made your first contact live.

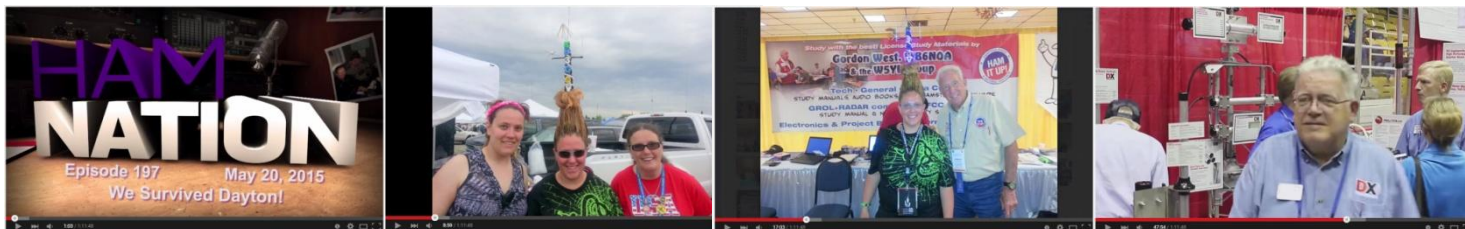
Following W1AW Slow Code Practice run you can get on air and try your first contact with an Elmer to help you if needed. You can experience live conditions with natural noise, manmade noise, fading signal, etc.



*Terry, KB8AMZ*

## *Ham Nation - Episode 197: We Survived Dayton!*

Check out episode 197 on Ham Nation at : [https://www.youtube.com/watch?v=-h\\_nS-g5xSs](https://www.youtube.com/watch?v=-h_nS-g5xSs)



PCARS Member Kristen, KB3OQV with her Dayton Hairdoo is in there twice - once with her mom Karen, N8HUC and sister Jennifer, KB3GXB. And again with Gordon West. Even KB8UUZ was in the video as well.

*Ray, KD8DFL*

## *PCARS is on YouTube*

That's right - PCARS is now on YouTube. So, what does that mean? Hey, we have a new place to put all kinds of videos that are about PCARS for the world to see.

[https://www.youtube.com/channel/UCFVsDD\\_gwCLtTw-FPuBcYtA](https://www.youtube.com/channel/UCFVsDD_gwCLtTw-FPuBcYtA)





## Spurious Emissions Band - Dayton 2015

The 'Spurious Emissions Band' performed at the Crowne Plaza in Dayton, Ohio. 2015. The complete set is now on YouTube in the order recorded, with full lyrics as captions. You can click these links to take you to YouTube:

[Sendin' Code Again](#)   [Codey from Muskogee](#)  
[Sundown](#)   [Get Drunk and Q](#)  
[Climb My Tower](#)   [Subterranean VHF'er Blues](#)  
[Sittin' on the Band Edge + Log Potion Number Nine](#)  
[Back at WRTC](#)   [Old Ham](#)  
[Work, Work, Work that DX Net](#)  
[160 Meter Sunrise](#)   [Rovin' + Calling All Alone](#)  
[On the Cover of the NCJ](#)



*Tim, K3LR*

## PCARS and the DX Engineering Catalog Cover

The new Spring/Summer 2015 edition of the DX Engineering catalog is out.

There is a semi-hidden reference to PCARS on the cover.

Take a close look and see if you can find it. And, no, it is not KB8UUZ who is sitting at the table. It is something unique to PCARS.

*Answer is posted later in this newsletter.*

*Tom, KB8UUZ*

The image shows the cover of the DX Engineering catalog for Spring/Summer 2015. At the top, the DX Engineering logo is on the left, and the text "Amateur Radio Products Spring/Summer 2015" is on the right. Below the logo, it says "FREE Standard Shipping on Most Orders Over \$99". The main image is a photograph of three people at a table outdoors, working on electronic equipment. The text "2015 Field Day" is overlaid on the left side of the photo. In the bottom right corner, there is a call sign "N8DXE" and a form for confirming a QSO with DX Engineering Employees Radio Club. The form includes fields for Date, UTC, MHz, EST, Mode, and QSL. At the bottom of the catalog cover, it says "DXENGINEERING.COM 800-777-0703" and "The Industry's Most Powerful Website | World-Class Products Shipped Worldwide".



## Charlie the Tuner's HF High-Lites

With June we have a few things happening. First of all, Summer starts this month. And of course, at the end of this month is Field Day, the largest Amateur Radio event in the US. The hot WX is here and there is no excuse for putting off that antenna work. I know of at least one new tower project going on right now and at least two antenna projects.

Yes, the ethers will be loaded up in a few weeks. And speaking about the ethers, if you have not been listing on 6 meters, it has been open to the Midwest and to the south. So for you ops that are looking for DX on 6, tune your rigs to 50mHz and listen. You might be surprised. And if you don't hear anything, give a CQ, you never know who will come back. There is a lot happening on the HF bands also, so let's get to it.

As always, a big THANK YOU to the following for the forecast reports for this month and beyond. Without them and their timely information, it would be much harder to know what's happening on the bands. So thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, AB5K & the AR TelNet Clusters Network, K1XN & GoList, NJ1Q & W1AW, W2VU, K3LR, NG3K & ADXO, W3UR & The Daily DX, AA4VK, K4RUN, N4AA & QRZ DX, WW4LL, W6SZN, K8GI, K8YSE, W8GEX & 60m News, KX9X, W9ILY, DL7UXG & The DX News Letter, DL1SBF, DL2SBY, DxCoffee.com, DXNews.com, DX-World.Net, ES1CW, F1ULQ, F5NQL, F6AJA & Les Nouvelles DX, G3VMW, HP1AC, I1HYW, I1JQJ/IK1ADH & 425 DX News, I2MQP & DX Italia News, IZ8IYX, JA1TRC, OG2K, OZ6OM & 50 MHz DX News, PS7DX, PY2SP, RSGB IOTA Web Site, Sixitalia Weekly, TA2RX, VA3RJ & ICPO, VA3QSL and the VHF-DX-Portal (MMMonVHF) for the following DX information.

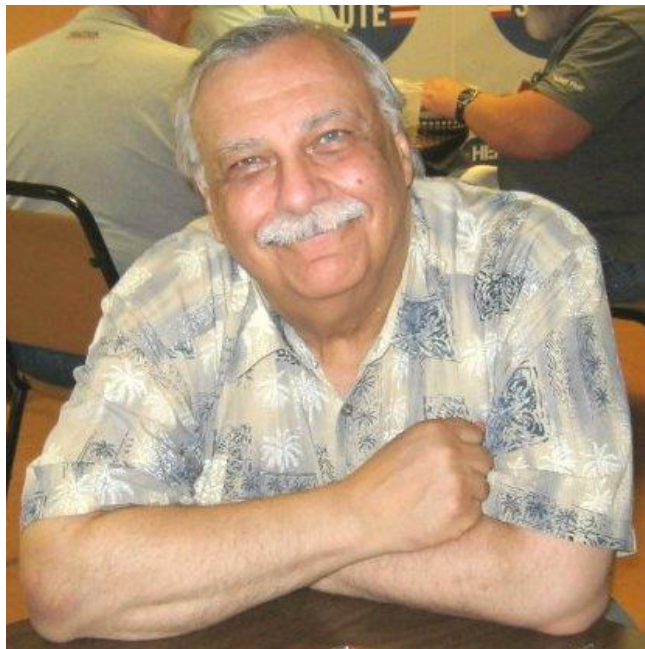
As always, this report could contain "Pirate/SLIM" operations or busted call signs. Please do yourself a favor and adhere to the old adage of "**Work First - Worry Later**" (WFWL).

**3W, VIETNAM.** Juergen, DL1HRN, active as 3W9HRN from Hanoi. His length of stay is not known, but activity is mainly CW on the HF bands. QSL via his home callsign, direct or by the Bureau. All QSOs are uploaded to ClubLog.

**3W, VIETNAM** (3W3MD - Press Release #2) [edited]. As already announced Da Nang City, Vietnam, will be the next destination of the Mediterraneo International Dx ClubTeam and so it will be soon on air any mode/any band. With the call-sign: 3W3MD. Antonio, IZ8CCW, the leader and the co-leader Gabriele, I2VGW, will share this new adventure with 24 DX operators coming from 9 countries. Save the dates because from Oct 31st to Nov 10th, they will be on air from the beach of Da Nang. According to the evaluations that they have done, they are confident to give to a lot of DXers the possibility to work this country in the Low Bands, WARC and especially in the Digital modes. Any donation will be very, very appreciated by the team. For any further news and updates, please visit the official Web site of this new great adventure at: <http://www.mdxc.org/3w3md/>

**5U, NIGER.** Chris, F4WBN/TL0A, will once again be active as 5U5U from Niger until June 16th. Activity will be holiday style on 40-6 meters using SSB and some RTTY. QSL via his home call sign direct.

**5V, TOGO.** Marc, F5IVC, is now active as 5V7SM from Lomé. He said that he is there "for professional reasons for 2 years or more". He states that his activity currently is only on 10 meters SSB, but is waiting for a multi-band antenna for the other bands. QSL info for now is via his French address (see details on QRZ.com).





**5V, TOGO.** Mike, SQ3PMM/9G5AG, will be active as 5V7MI from Togo. This is not a DXpedition, but a trip with a camper across Africa. Activity will probably be the same as his Ghana operation on 40-6 meters using CW and SSB. He will be using a FT-857 into a multi-band antenna. QSL via SQ3PMM.

**5Z, KENYA.** Scott, WA5A, will be active as 5Z4/WA5A from Ruaka until June 11th. He is there with is XYL to celebrate the first birthday of their new granddaughter 'Karimi'. Activity will be holiday style on 40/20/15 meters using an IC-735 into resonant dipoles at about 80 ft. Mode will be mainly SSB, but if he can fit it in, Scott will take a key and try a little CW. QSL via his home call sign.

**9N, NEPAL.** It has been reported that operators Dale/BA4TB and Ni/BD4TR are now active as 9N7TB and 9N7TR. They are members of the Chinese earthquake rescue team in Kathmandu. Activity will take place when they are not doing emergency traffic operations. QSL via their home call signs.

**CR2, AZORES.** Operators Antonio/CU8AS, Hermann/CU8FN, Hans/DF5AN, Siggi/ DL2HYH and Lutz/DL8MLD will be active as CR2W from Graciosa Island (EU-175) during the RSGB IOTA Contest (July 25-26th) as a Multi-Op/High-Power entry. QSL via HB9CRV, by the Bureau or LoTW.

**E5/S, SOUTH COOK ISLANDS.** Jacek, SP5EAQ, will be active from Rarotonga (OC-013, WLOTA 0971) starting October 19th for two weeks. His call sign is not known yet. Activity will be on 80-10 meters SSB. He will also be in the CQWW DX SSB Contest (October 24-25th). QSL via SP7DQR, by the Bureau, direct or an OQRS on the following Web page. Logs will be uploaded to LoTW. For more details and updates, see: <http://e5.sp5drh.com/index.html>

**E5/S, SOUTH COOK ISLANDS.** Haru, JA1XGI, will be active as E51XGI from South Cook Islands between Dec 3-10th. Activity will be on 160-10 meters using CW, SSB, RTTY and PSK. QSL via JA1XGI and an OQRS.

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

**P2, PAPUA NEW GUINEA.** Norbert, DH1NK, active as P29NK from Papua New Guinea until June 15th. Activity limited (due to work at the hospital) on 80-10 meters using SSB and the Digital modes. QSL via DH1NK by the Bureau.

**T2, TUVALU.** Stan, LZ1GC (C21GC, 3D2GC), will be active as T2GC from the Vaiaku Lagi Hotel in Funafuti between September 24th and October 14th. Activity will be on 160-6 meters using CW, SSB and RTTY. QSL via his home call sign, direct, by the Bureau or LoTW. The preferred method for a QSL or LoTW requests is via his PayPal. There will probably be a OQRS on ClubLog. Look for more details and Web page to be forthcoming.

**T6/YI, IRAQ.** Moustafa, F4HGL, will be in Baghdad, for six months starting at the end of June. He is currently awaiting his license, and he will be active during his free time mostly on SSB. QSL via F5OWK.

**T32, EASTERN KIRIBATI.** Ken, KH6QJ, will once again be active as T32AZ from Crystal Lodge, Kiritimati (Christmas Island) [OC-024] between June 3-8th. Operators Richie/VK8RR and Paula/VK8ZI will be joining Ken and hope to apply for their T32 call signs soon. Activity will be on the HF bands and 6 meters using CW and SSB. QSL via KH6QJ. All other call signs go via VK8RR.

**TN, REPUBLIC OF CONGO.** Paulo, CT1FJZ/D2FJZ, active as TN/CT1FJS from the Republic of Congo. Activity has been mainly on 20 meters SSB, Paulo informed OPDX that he will be working on all bands for voice every day commencing at 1900z. He also mentioned that he is 90 km of the National d'Odzala Park. All QSLs will be sent after July 19th, when he returns to CT. For any information check QRZ.com under CT1FJZ. QSL card is ONLY direct via CT1FJZ.

**V6, MICRONESIA.** Lance, W7GJ, active as V6M from Falalop Is., Ulithi Atoll (OC-078), Aug 26th and Sept 3rd. Activity is to celebrate his 50th anniversary of VHF DXing and will be on 6 meters EME. QSL DIRECT ONLY to W7GJ. Complete details about his operation, can be found on: <http://www.bigskyspaces.com/w7gj/Micronesia2015.htm>

**XT, BURKINA FASO (Reminder).** Harald, DF2WO, will once again be active as XT2AW from Ouagadougou until June 25th. Activity will be holiday style on CW and SSB. QSL via M0OXO.

## IOTA NEWS.....

**EU-009.** Members of the Orkney Amateur Radio Club (OARC) will be active as MM0MWW from **Flotta Island** (IOSA OR13) in the Orkney Island Group between July 17-19th. No other details were provided. Visit the OARC Web page at: <http://www.eu009.com>

**EU-010.** Chris, GM3WOJ, will be active as GM7V from **Benbecula Island** during the RSGB IOTA Contest (July 25-26th) as a Single-Op/All-Band/DXpedition/Mixed-Mode entry. QSL via N3SL.

**EU-029.** Ric, DL2VFR, will be active as OZ0FR/P from **Mon Island** between July 11-31st. He plans to be in the RSGB IOTA Contest (July 25-26th) using the call sign OZ0FR as a Single-Op/CW-Mode/High-Power entry. QSL via DL2VFR. He also mentions that he will be active before and after the contest using the call sign OU0POLIO (via OZ1ACB).

**EU-073.** Vin, IK7IMO, will be active as IJ7V from **San Pietro Island** during the RSGB IOTA Contest (July 25-26th) as a Single-Op/SSB-Mode/24 Hrs/High-Power/DXpedition entry. QSL via IK7IMO.

**EU-092.** Dave, GM0LVI, will be active as home call/p from **Tanera Mor** (IOSA SC10, SCOTIA CN32, WAB NB90), Summer Isles, between July 25-31st. Activity will be on the HF Bands and in the RSGB IOTA Contest (July 25-26th) as a Single-Op entry. QSL via GM0LVI, by the Bureau, direct to or LoTW.

**EU-120.** Ed, GW3SQX, will be active as G7O from **Isle of Wight** during the RSGB IOTA Contest (July 25-26th) as a Single-Op/CW-Mode/12-HRS entry. QSL via GW3SQX.

**EU-123.** A joint operation with the members of the Sheffield & District Wireless Society, Worksof ARS and the 93 Contest Group will be active as GM5TO from **Isle of Arran**, on the Seal Shore campsite, Kildonan (WW. Loc. IO75KK) during the RSGB IOTA Contest (July 25-26th). Outside the contest they will be active as GM2AS (Sheffield DX Group) between July 23-26th. QSL via G3PHO for both call signs. NO EQSL, NO LOTW and NO CLUBLOG. Operators mentioned are Peter/G3PHO, Mike/G0NEY, David/G8EQD, YL Krystyna/2E0KSH, M6JII, Steve/G0EAK, YL Sue/M6XAK, Peter/M0PJO, David/M0GDX, David/M5DWI and John/G4LKD. For more details and updates, see: <http://www.sheffieldwireless.org/2014/12/islands-on-the-air-iota-contest-2015/>

**EU-128.** Jan, DG8HJ, will once again be active as DG8HJ/p from **Fehmarn Island** (DID/GIA O-001, WLOTA 0637) between July 18th and August 3rd. Activity will be on the HF bands and in the RSGB IOTA Contest (July 25-26th). QSL via his home call sign, by the Bureau or direct.

**EU-145.** Operators Colin/G3VCQ (CT7ACG), Andy/M0GAV and possibly others will activate **Culatra Island** (DIA AI-01, DIP AL-001) in the Algarve Province of Portugal during the RSGB IOTA Contest (July 25-26th). They will use the special call sign CR5CW from the the Cabo de Santa Maria Lighthouse (ARLHS POR-013, DFFA FA-06, DFP FAL06, WLOTA 0144), located in the Parque Natural da Ria Formosa (WWFF CTFF-007). QSL via CT7ACG.

**EU-160/ EU-188.** In an eight day journey (about 1700m) throughout the Barents Sea, members of Russian Robinson Club (RRC) plan to activate some very remote and hard to access IOTA during the second half of July (approx. dates July 18th and August 6th). Islands mentioned are **Korga Island** (call sign RI1PK) [EU-160, RR-03-04] or possibly **Chaichij Island** (call sign RI1PC) [EU-160, RR-03-24] and **Timanet Island** (call sign RI1PT) [EU-188, RR-03-27(new one), RLHA: RLE-133 (new one), WLOTA: LH-0191 (new one)]. Operators mentioned are Vasily/R7AA (Team Leader), Vasily/RA1ZZ, Alexander/RA3AV, Aleksey/RA1QY and Sergey/R1OO. QSL via R7AA direct (SASE). Also, QSL via ClubLog's OQRS (DIRECT or Bureau). For more details and updates, see: <http://www.ri1pc.org>

**NA-039 & NA-070.** KH7, ALASKA (IOTA Op!). Jeff, KL2HD, will be working on **Amchitka Island**, Aleutian Islands (NA-070), between June 9-11th, and **Adak Island** (NA-039) between June 18-21st. This is not a dedicated DXpedition, but he hopes to operate in evenings after work, which will determine his on-air time. He plans to operate as KL2HD/p (from Adak) or KL7NWR (from Amchitka). 20m or 17m SSB are most likely. Jeff will use 100w and a homebrew adjustable quarterwave vertical on the ocean. If he can fit a 500w amp into his luggage, he will take. QSL via KL2HD.

**NA-168.** Karl, KD5LCP, will be active as KD5LCP/p from **Grand Isle** (USI LA-003S, Jefferson County, LA) June 27-28th. Activity is holiday style (fishing trip), so ops will be speratic on CW/QRP. QSL via his home call sign.

**NA-248.** (New IOTA) Cezar, VE3LYC, is planning to activate **Melville Island** sometime between Aug 3-10th (Exact dates TBA). Landing permission and logistics have been granted. Full details will be announced soon on a Web page.

**OC-139.** Rob, VK4AAC, will once again be active as VK4AAC/5 from **Kangaroo Island** (WLOTA 0869) between June 1st and August 25th. Activity will be on 40/20 meters SSB. Rob will also try to activate Flinders Chase National Park (WWFF VKFF-173), Dudley CP (VKFF- 809), Kelly Hill CP (VKFF-810) and Vivonne Bay CP (VKFF-811). QSL via his home call sign, by the Bureau or direct (see QRZ.com)

**SA-069.** Operators Domingo/CE1DY, Erik/CE1OEB, Marco/CE1TBN, Pablo/ CE1UMY and Nicolas/XQ1KZ will be active as XR1T from **Santa Maria Island** during the RSGB IOTA Contest (July 25-26th) as a Multi-Single entry. Activity will be on all bands using CW and SSB. QSL via CE3OP.

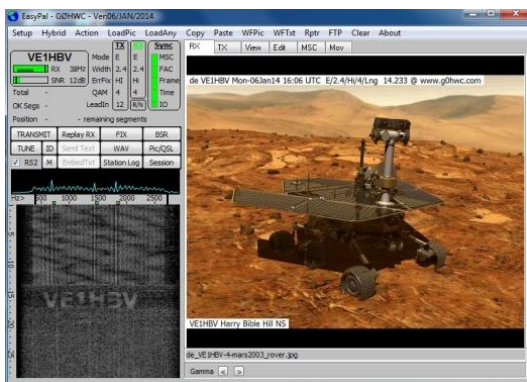
OK! That's it for this month. As I have mentioned in the past, it's up to you to make Amateur Radio as interesting as possible for yourselves. It's a buffet so just pick and choose and HAVE FUN!! Until next time, GUD DX!!

73,

**Chuck, W8PT**  
a.k.a. "Charlie the Tuner"



## ***Linux for Ham Special Interest Group***



June 30, 2015 at 1900 EST will be the next meeting. Nick Wagner, AC8QG will give a presentation discussion on using EasyPal (an application for amateur radio digital slow scan TV) with WINE (Wine Is Not an Emulator) regarding what works or doesn't work. EasyPal is a proprietary MS Windows application.

The next Linux for Hams SIG will be on September 29<sup>th</sup>.

73,

**Terry, KB8AMZ**



## ***Digital Special Interest Group***

The next Digital Special Interest Group meeting will be held on Tuesday June 2nd at 7:00 PM at the PCARS club site in Ravenna.

We'll be discussing and demonstrating the fldigi macros used for RTTY and PSK-31 during Field Day at the Flex station.

We'll also make time to help with any hardware or software issues you may be having. Hope to see you there!



73,

**Rick, K8CAV**





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## ***FCC Eliminates Amateur Radio Vanity Call Sign Regulatory Fee***

The FCC is eliminating the regulatory fee to apply for an Amateur Radio vanity call sign. The change will not go into effect, however, until required congressional notice has been given. This will take at least 90 days. As the Commission explained in a Notice of Proposed Rulemaking, Report and Order, and Order (MD Docket 14-92 [ [http://transition.fcc.gov/Daily\\_Releases/Daily\\_Business/2015/db0521/FCC-15-59A1.pdf](http://transition.fcc.gov/Daily_Releases/Daily_Business/2015/db0521/FCC-15-59A1.pdf) ] and others), released May 21, it's a matter of simple economics.

"The Commission spends more resources on processing the regulatory fees and issuing refunds than the amount of the regulatory fee payment," the FCC said. "As our costs now exceed the regulatory fee, we are eliminating this regulatory fee category." The current vanity call sign regulatory fee is \$21.40, the highest in several years. The FCC reported there were 11,500 "payment units" in FY 2014 and estimated that it would collect nearly \$246,100.



In its 2014 Notice of Proposed Rule Making (NPRM) regarding the assessment and collection of regulatory fees for FY 2014, the FCC had sought comment on eliminating several smaller regulatory fee categories, such as those for vanity call signs and GMRS. It concluded in the subsequent Report and Order (R&O) last summer, however, that it did not have "adequate support to determine whether the cost of recovery and burden on small entities outweighed the collected revenue or whether eliminating the fee would adversely affect the licensing process."

The FCC said it has since had an opportunity to obtain and analyze support concerning the collection of the regulatory fees for Amateur Vanity and GMRS, which the FCC said comprise, on average, more than 20,000 licenses that are newly obtained or renewed, every 10 and 5 years, respectively.

"The Commission often receives multiple applications for the same vanity call sign, but only one applicant can be issued that call sign," the FCC explained. "In such cases, the Commission issues refunds for all the remaining applicants. In addition to staff and computer time to process payments and issue refunds, there is an additional expense to issue checks for the applicants who cannot be refunded electronically."

The Commission said that after it provides the required congressional notification, Amateur Radio vanity program applicants "will no longer be financially burdened with such payments, and the Commission will no longer incur these administrative costs that exceed the fee payments. The revenue that the Commission would otherwise collect from these regulatory fee categories will be proportionally assessed on other wireless fee categories."

The FCC said it would not issue refunds to licensees who paid the regulatory fee prior to its official elimination.

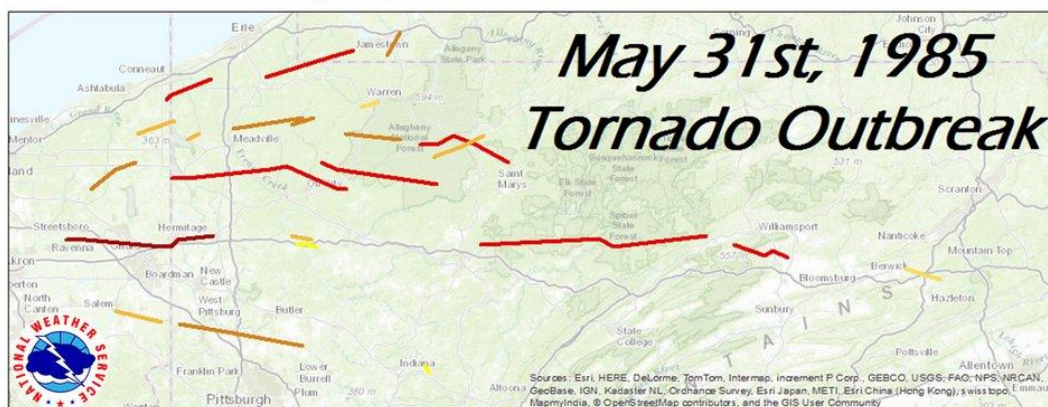
***From the ARRL***

## May 31, 1985 Tornado Outbreak: 30th Anniversary

On the evening of May 31st, 1985, a devastating and deadly tornado outbreak struck the Northeastern United States and Canada. 43 tornadoes and numerous damaging thunderstorms tore across Ohio, Pennsylvania, New York, and Ontario. This event was the deadliest tornado outbreak of the 1980's; killing 89 people in

total, injuring more than 1,000 others, and racking up more than \$600 million in property damage. In fact, since May 31, 1985, only two tornado days have been deadlier in the entire United States.

### May 31, 1985 Tornado Outbreak



The storms were the result of high levels of atmospheric instability present in an environment favorable for tornadic thunderstorms, triggered by the passage of a strong late-spring cold front. Quoting the original survey report produced by NOAA in 1985, “perhaps the lesson to be learned from the 1985 outbreak is that under the proper atmospheric conditions, major tornadoes can occur irrespective of the location or terrain”.



**NATIONAL WEATHER SERVICE**  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Visit the National Weather Service web page at : [http://www.weather.gov/ctp/TornadoOutbreak\\_May311985](http://www.weather.gov/ctp/TornadoOutbreak_May311985) for details and more information about this significant weather event right in our area.

*Peggy, KB8SZI*

# 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**

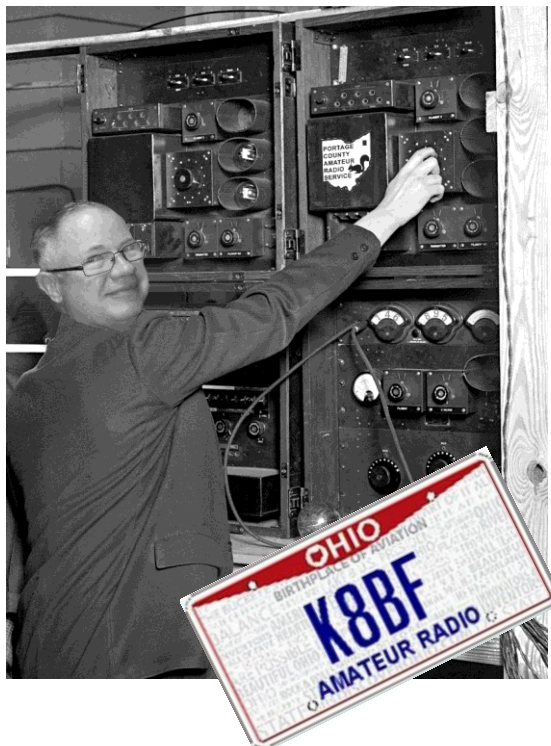
**PCARS**  
**Join Now**  
Discover the FUN



## 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 - 4<sup>th</sup> Thursday is NET NIGHT at the club site !!**



June	
4	KB8UUZ
11	N8QE
18	WB2DFC
25	WB8LCD

August	
6	K8CAV
13	KB8UHN
20	KB8UUZ
27	NR8W

July	
2	KD8FDK
9	K8CAV
18	WA8AR
23	NR8W
30	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](mailto:WB8LCD@portcars.org) Everyone who is a club member is welcome to have a turn!

**Tom, WB8LCD**

## May Net Night at the Club Site

There has apparently been some confusion regarding the timing of "Net Night". Unless changed for some other purpose, Net Night will always be held on the 4th Thursday of the month, at the club site.

For May, there was a pretty good group in attendance, probably about 20+ at the peak. Now even though Net Night is a more social type of event, we **do** expect our attendees to check into the nets! Bring along an HT, step out to the car or even tap the NCS on the shoulder and ask for the mic – but please check in.



**Movies can make you drowzy**

This month many of you brought snacks, Mike, KB8TUY made popcorn and Rick, K8CAV brought in pizza. After the nets and snacks, we settled in for a showing of President Rick's favorite movie: *Dr. Strangelove*, an early Stanley Kubric movie. It was discovered that there were more than just a couple fans of the movie, and the refresher course was appreciated by all. While not an amateur radio activity, it was still a fun night.

Perhaps another movie night will be held in the future – send me the titles of the movies you would like to see – *Blazing Saddles*, *Spaceballs* and *Raising Arizona* have all been suggested already!

72/73,  
**Tom, WB8LCD**



## *Swap-N-Shop*

**FOR SALE: Cushcraft A3S with 40M Add-On-Kit** - On the ground. Gently used. May need some work on traps. Make a creative offer !



**Contact Tom, WB8LCD** by e-mail at [WB8LCD@portcars.org](mailto:WB8LCD@portcars.org) [09/02/15]

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**FOR SALE: Icom IC-746 PRO** - with power cable and microphone - \$800.00

**Contact Richard, KA8OAT** by phone at 330-898-6248 or e-mail at [KA8OAT@portcars.org](mailto:KA8OAT@portcars.org) [09/02/15]

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**FOR SALE: 40 ft. Antenna Tower** - Used, needs cleaning and painting. \$0.00 plus tax. Good Deal.  
**Kenwood TS140S** - Works well, external speaker included. \$250.00

**Contact Rich, KD8FDK** by e-mail at [KD8FDK@portcars.org](mailto:KD8FDK@portcars.org) [09/02/15]

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**FOR SALE: Siemens SpreedStream 4100 DSL modem** - Great for Echolink - have 2 - \$10.00 each  
**Linksys Wireless-G 2.4Ghz router** - Great for Echolink - 54Mbps - Model WRT54G - \$14.00  
**WANTED: iPhone 5s.** Current phone too old to work with dx spot apps or echolink.

**Contact Bucky, N8OQQ** by e-mail at [N8OQQ@portcars.org](mailto:N8OQQ@portcars.org) [09/02/15]

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**FOR SALE: Heathkit SA-2040 Antenna Tuner** 2KW PEP SSB/1 kW CW, 3.5-30 MHz. Also has a built-in 4:1 Balun. \$100.00.

**Contact Bill, KW8KW** by e-mail at [KW8KW@sbcglobal.net](mailto:KW8KW@sbcglobal.net) [06/02/15]

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**FOR SALE: Heath Kit SB-1000.** In great shape. Meter sticks sometimes. The tube is in great shape. Included are the original build manual and prints! \$600.00

**Kenwood TS 450S.** (No tuner) Some scratches on top cover. Radio works perfectly. 2 additional filters have been installed! SS Filter **YK-88SN-1** & CW Filter **YK-88C-1**. Hand mic and amp keying cable. \$550.00

**SignalLink USB** with cables for the 450S. \$70.00

**Kenwood PS-50 Power Supply.** \$120.00

**Kenwood SP-940 Speaker** \$100.00

**MicroHam Micro Keyer II** with Icom cables **DB37-IC-8.** \$275.00

**Contact Russ, K8QF** at: [Russ32458@aol.com](mailto:Russ32458@aol.com) or call 330-906-2880 [06/02/15]

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**FOR SALE: MFJ-269B Antenna Analyzer** Covers HF/VHF/UHF. Cost new \$369 - Will sell for \$225  
Comes with manual and \$16 MFJ plug-in wall wart.

**Astron SS-30M Power Supply** Has Amp & Volt meters. 30 Amps at 13.8 Vdc Peak. Cost new \$149 - Will sell for \$99.

**Contact Parky, KB8UUZ** by e-mail at: [KB8UUZ@portcars.org](mailto:KB8UUZ@portcars.org) [08/02/15]

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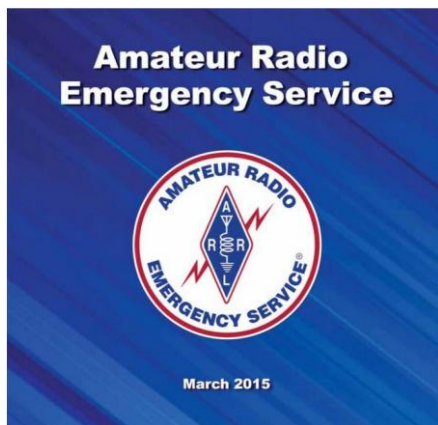


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## Updated Amateur Radio Emergency Service® Manual Now Online

The latest edition (March 2015) of the Amateur Radio Emergency Service® (ARES - Manual now is online:

<http://www.arrl.org/files/file/Public%20Service/ARES/ARESmanual2015.pdf>



This edition includes various Incident Command System (ICS) forms for ARES® use, clarifies the role of the Radio Amateur Civil Emergency Service (RACES), contains an improved chapter on ARES® training, and includes all current ARRL memoranda of understanding/agreement.

ARES® consists of Amateur Radio licensees who have voluntarily registered their qualifications and equipment for communication duty in the public service, when disaster strikes. Every licensed amateur, regardless of ARRL membership, is eligible to apply for ARES® membership. (<http://www.arrl.org/ares>)

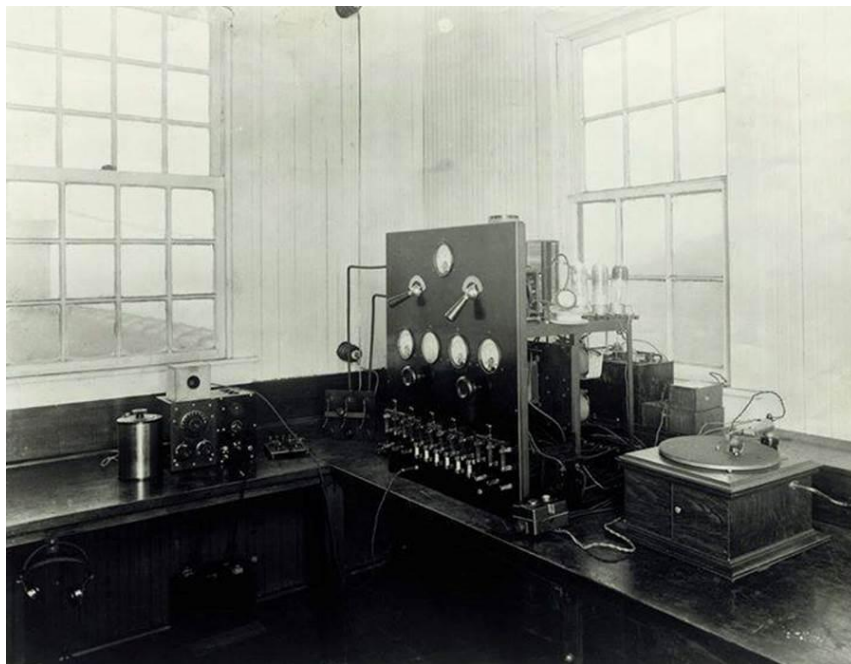
*From the ARRL*

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## KDKA

Hi Guys, I got this from Stan W3FRA and I thought you would all get a kick out of it. Except for the turntable it looks like ham gear.

The original broadcast transmitter of KDKA Radio in Pittsburgh in 1920. KDKA went on the air in Pittsburgh as the world's first commercially licensed station on November 2, 1920. While amateur ham radio operators and military communications had been sending messages over the airwaves for several years previously, Westinghouse Electric's KDKA was the first official station, starting a radio boom across the nation and the world.



*Tim, K3LR*

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**SPACEWEATHER.TV**

Propagation Forecast  
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Communications Blackouts

**Dr. Tamitha Skov**  
**WATCH NOW**

## Let's Talk

As the old saying goes - "The swallows return to Capistrano. The buzzards return to Hinckley and the Hams return to Dayton!!" And they did, in great masses..!! I am writing this post-Dayton and I have to tell ya', if you missed Dayton this year, you missed one of the best shows that I've been too in a very long time. Yes, it did rain a bit, but not enough to detour anyone from still visiting the flea market. The Ohio Section Booth had them 3 and 4 deep many times over the weekend. It was FANTASTIC!! We even did a video interview with the Dayton Area Convention and Visitors Bureau. Yup.. the folks from the Visitors Bureau stopped by and were so impressed with our world map and all the pins in it from everywhere, they decided to do a video of me explaining it and how we all come to converge in Dayton every year. It was a blast. By the way, we did end up with 72 countries being represented on the map, quite impressive I'd say!!

As some of you know I was also deeply involved in the very first one-on-one National Section Manager's meeting this year off-site at Dayton. We had over 20 Section Managers attend along with more than 10 SM's logged on to a Webinar session that we also had going so that ALL Section Managers from around the country could take advantage of this wonderful opportunity. The meeting had a little blip at the start with a computer crashing, but we quickly recovered and for more than 2-1/2 hours we met and discussed common problems and opportunities between all of us.

We also had 3 guest speakers from Headquarters there - Norm Fusaro, W3IZ, Jim Fenstermaker, K9JF, and Steve Ewald, WV1X filling us in on a number of specific topics that the Section Managers wanted more information on. It was a GREAT time and I've learned a lot.

Other Items.. I'm still really busy getting around the state doing presentations and handing out a number of Affiliated Club Charters and Special Services Club certificates. I have found that being retired gives me a lot of advantages to be able to get out in the field and being more active with all of you, than if I were working and had to split my time up with job, family and being Section Manager. I was told this weekend (by none other than David Sumner, K1ZZ) that Ohio is not only the largest of the 71 Sections, but it is also larger than some of the 15 Divisions in the country as well. So being able to dedicate all of my time being your Section Manger is a real plus for everyone.

I did get to meet with another big group of Cub Scouts and Boy Scouts this past month. I also had a great impromptu meeting with a big group of Girl Scouts as well. I know that there are several of them are now interested in getting their licenses, as well as a pretty good number of Boy Scouts too. Now all we need to do is get some classes in their area going and things will start moving in a positive direction for sure. I know that I preach this a lot when I go out to club meetings, but just take a look around at the next club meeting you attend. We desperately need to get the youth into our ranks if we are to continue.

The next big event coming up will be Field Day. As I did last year, I'm going to try to hit as many Field Day sites as I can. I also challenge my Cabinet to do the same. Pictures. I want pictures of your Field Day site. I want as many pictures as you can send me. I will have a link on the Ohio Section website that will display them all. Speaking of Field Day, I will also have a link to the Field Day Locator as soon as it becomes available.

**Division Conference.** The Great Lakes Division will be holding a Division Conference this year in conjunction with the Columbus Hamfest to be held on August 1st. There's going to be lots of great forums





and as always, the flea market will have a good selection of those hard to find items you just have to have to build your next project with.

There will also be a Division Newsletter Contest this year as well. This means that the 2015 Ohio Newsletter Contest winner will be entered into the completion along with the other two Sections. Now here is where it will get a little crazy, the 2015 Ohio Section newsletter winner will not know it until the Division Conference. So, that means if your club is publishing a newsletter, you'll just have to wait and attend the Division Conference to find out if you've won!!

Now you ALL definitely have a stake in the Division Conference!! Your attendance will definitely be even more demanding and exciting.

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> as well as on page 16 of QST.

73,

**Scott, N8SY**

**ARRL Ohio Section Manager**

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## ***PCARS Yahoo Group***

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/>



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## ***New PCARS Wall Paper***

Usually the ham radio term "Wall Paper" refers to contest or special event certificates that you hang up in your radio room or 'shack'.

Well, PCARS has a new special piece of wall paper that shows our ARRL Club Affiliation certificate as well as our Special Service Club certificate.

Also added in the nice frame are two patches. One is the PCARS patch and the other is the ARRL logo patch. The framed certificates will be on permanent display at the club site for all to see.



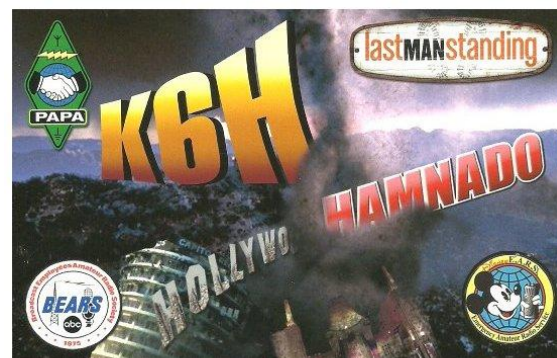
***Parky, KB8UUZ***

## K6H D-Star QSL Card

One Sunday afternoon last September I was up in the shack setting some new D-Star frequencies on my ID-880H, one of which was the K8WGR Youngstown repeater. After getting it programmed into the radio I heard some conversation on the repeater but wasn't really paying much attention until I heard the words "*Last Man Standing*". At this point I started listening closely and lo and behold **N6H** was conducting a special event station for Tim Allen's 'Last Man Standing' show on the D-Star reflector 012A, which the folks operating the Youngstown repeater had connected to. After waiting for an opening I threw out my call and was rewarded with **N6H** coming back to me. We did our exchange and I promptly got my QSL card in the mail to them the next day.

I had forgotten all about the card and contact until today when I received a QSL card from **N6H**, with a nice note explaining why the delay, and apologizing for it.

As most of you probably know, Amateur Radio plays a part in Tim Allen's show so it was pretty neat to get a QSL card from the **N6H** special event station for his show.



K6H				
Confirming QSO With:				
K8CAV				
DATE	DAY	MONTH	YEAR	
	28	09	2014	
UTC	MHz	RST	MODE	
2043	REF 012A	59	DSTAR	
RIG	WATTS OUT	ANT	QSL	
			<input type="checkbox"/> PSE <input type="checkbox"/> TNX	
Comments:				

RICHARD J KRUIS K8CAV  
8007 ROUTE 82  
HIRAM, OH 44234

73,  
*Rick, K8CAV*

## PCARS at DAYTON



PCARS Members gathered for the annual group photo at the ARRL booth.



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## Field Day 2015

We had a fantastic turnout for our Field Day meeting on the 26th of May. Nineteen members showed up and we covered a number of topics and addressed a few problem areas. Maybe "problem" is not the correct word. Let's say areas of concern.

It has been decided that we will be using the club's Yaesu FT 1000 for the rig at the 20m station this year. We know it has a very good receiver front end and all the filters are loaded. The DSP works very well in this rig and it should help us with the interference issues we have been having in the past. Jack, N8BI, has graciously donated 75 ft of coax so that we can have a dedicated feed line for the tower we will be using from now on for the 20m station. He will also be allowing use of some filters to further help with the interference issue.

We will be using my Kenwood TS-570s for the Flex station this year since Rick, K8CAV is very familiar with a 570, having owned one himself. We had a generous offer from Jim - KC8PD - of his IC 706, but being a menu driven radio, it was decided that it would be better to have a rig with more knobs and buttons to push and or turn than to try and remember in what menu you might find something you want to change. Jim's offer was very appreciated.

We have arranged to have a member of the Power Team to establish "squatters rights" at the smaller pavilion this year since that will be where the CW station will set up. We wanted to make sure that we would not be ousted from there by someone having a picnic or other celebration that would cause us to scramble the morning of Field Day trying to find another spot of the CW guys.

Parky volunteered to have a brief educational presentation on what is needed to attend a VE session and take an Amateur License exam.

Two areas still need volunteer help. These are the Power Team and Food Service. Both are vital to our operation. James and his crew need people to help with pulling cables and getting set up and I am very sure that they will also need people to help tear down. Please let James KD8VT know if you can be of any assistance.

Mike, KD8FLZ, really needs people to step up and offer their assistance in food preparation and cooking. This is very important because if we do not have the help, we will not eat!! And don't think that this is an idle threat. Food Service is extremely important and has been a big part of our FD event. So please, contact Mike and volunteer.

And as always, donations of snacks will be very much appreciated. So if you would, please bring cookies, chips, soda and other snacks that can be shared with the group. Also, monetary donations will also be welcome. If you would like to support the PCARS Field Day effort with a check or cash, please contact Bob N8QE, our intrepid Treasurer at [N8QE@portcars.org](mailto:N8QE@portcars.org) and he will take your donation.



73,  
**Chuck, W8PT**  
Field Day Chairman



## PCARS Field Day 2015 Team:

GENERAL		
<b>Chairman</b> - Chuck W8PT	<b>Vice-Chairman</b> - Tom WB8LCD	<b>PIO Publicity</b> - Tony WA8AR
<b>PIO Agency Invitees</b> - Jim KC8PD	<b>PIO Media Table</b> - Parky KB8UUZ	<b>Safety</b> - Mike KD8FLZ
LOGISTICS		
<b>Food Service Mgr</b> - Mike KD8FLZ	<b>Power Team Mgr</b> - James KD8VT	<b>IT Team Mgr</b> - Zeb KD8WZS
	<b>VE Testing</b> - Parky KB8UUZ	
OPERATIONS		
<b>CW Station Captain</b> - George K3GP	<b>20m Station Captain</b> - Erica AE8YL	<b>40m Station Captain</b> - Ed K8IV
<b>Flex Station Captain</b> - Rick K8CAV	<b>VHF Station Captain</b> - Errol KC8RJR	<b>GOTA Station Captain</b> - Mike KB8TUY
	<b>Traffic &amp; Messages</b> - Bill WB9LBI	



## Flex Station Operators and Loggers Needed!

A funny thing happened on the way to the Flex station operator and logger roster – it doesn't exist! And it doesn't exist because – no one's volunteered yet. OK I need to take a big part of the hit on that one because we had to make a few last minute changes at the station captain position and word hadn't gotten out. But all that's changed so here's your chance to let me know that you're all in for Flex!

The Flex station is both frequency and mode agile meaning that we can operate on a number of different bands with phone, CW, and digital, as long as we stay within the Field Day rules which basically say you can't have more than one station any given band/mode combination at the same time. That eliminates 20 and 40 phone during the entire Field Day period, and also eliminates CW on the same band and at the same the CW station is operating on, but that still leaves a lot of radio real estate to use.

The Flex station will be equipped with a Kenwood TS-570 radio, external antenna tuner, Buckmaster OCF dipole, and laptop computer/sound card interface. The only thing you need to bring is your key or paddle with cord and jack for CW ops. The connection for a straight key is a 1/4" phone jack with ground attached to sleeve and hot attached to tip and for a paddle, ground attached to sleeve, dash attached to ring, and dot attached to tip.

So come on out and enjoy some flexible fun! (sounds like a painful mat game eh?) Send me an e-mail at [k8cav@portcars.org](mailto:k8cav@portcars.org) and let me know when you'd like to operate or log, and a preferred mode. See you at Field Day!

73,  
**Rick, K8CAV**  
Flex Station Captain





# PCARS

## Antenna Day

### May 9, 2015



## Photos from Dayton 2015

Some members sent in pictures, but no text - so here is a random sample of Dayton, 2015 photos





## Four Days In May

Every year, for the past 20 years, the QRP Amateur Radio Club International has held its convention, Four Days In May (FDIM) in conjunction with the Dayton Hamvention. While the Hamvention runs Friday - Saturday - Sunday, FDIM starts with an all day educational program on Thursday. Currently held at the Holiday Inn in Fairborn, OH (just outside of Dayton), this year's seminar was attended by 324, and the QRP Banquet was host to 252. There were attendees from all over North America, Europe, Asia, Kent and Parkman.



The Conference began at 8:50 AM on Thursday morning, the presenter being Eric Schwartz – W6HHQ – from Elecraft. Eric talked about the new and improved K3s, as well as the KX3. It was an interesting and technical description of all the new features. I learned a lot about their product line.

Next up was Jay Slough – K4ZLE – with a dissertation on transmission lines, SWR, Smith Charts and antenna matching. The goal is to radiate as much of your output power as possible as RF, not heat.



Rev. George Dobbs – G3RJV – was one of the founders of FDIM, and this was his 17th year in attendance, which was also proclaimed as the last year that he would be able to participate. (By the way, George was also presented with the 2015 Hamvention award for Technical Excellence) George's presentations are always a mixture of history, philosophy, personal experience and technical illustrations. He took us through a lot of his personal history with FDIM and the people who have always been at the forefront of the QRP niche of Ham Radio.

Following was Dr. Paul Darlington – M0XPD - with a presentation on the bandwidth of radio signals, and its significance to designing simple, but effective radio receivers. Personally, I was all set up for my afternoon nap, HOWEVER, this presentation was to me one of the high-lites of the day! Some hard to visualize concepts were presented in a way that made them both understandable and very entertaining. Mr. Darlington has accepted an invitation to speak at the May 2016 PCARS meeting, and if we can get all the details worked out around next years FDIM I'm sure it will be a fun and interesting meeting for all!



Mike Bryce – WB8VGE – gave anyone interested in home brewing projects enough information to end up with professionally made circuit boards that are reasonably priced and laid out by computer. Through the presentation, he went through all the processes that anyone who has been in the hobby as a builder for 20 years or more remembered and had struggled with. The final solution is companies that offer software to design the boards and then will make the boards for you so you end up with professional looking projects.

Finally, Glen Popiel – KW5GP – gave a presentation on the Arduino chip. He started with some Arduino basics and then moved on to practical applications in ham radio. Through the presentation he explained what was available, where to obtain it and how to make it work. On application was taking a rockmite transceiver kit and adding a DDS VFO to it. He went on to give many more examples of useful projects for Hams based on the Arduino.



After all of that, Thursday night was Vendor night and the ballroom of the Holiday Inn was turned into a miniature hamfest with special deals for the QRP group. Friday, after a full day at Hamvention, the hotel ballroom was set up for “home brew” night, where anyone who wanted to brought along their home brew gear and everyone in attendance voted for the best projects. They were awarded prizes at the QRP Banquet.

The banquet was what you would expect from the venue, probably not the fanciest but certainly enjoyable. Other than recognition of many hams for their accomplishments in the QRP community, there were a lot of door prizes given away. As expected, a ham sitting next to me (too bad for Chuck it was the guy on the other side) won one of the grand prizes, a Begali key.

Through the years I've attended many FDIM programs. It may be low power, but it's always a group of high class, friendly people. Anyone can toss a ton of money into a bunch of high power equipment, press the mic button and say “Breaker, Breaker”. Sure, everyone will hear them. But, when you want to enjoy the challenge, and learn the skills, make and understand your own equipment and do things they say can't be done, then maybe QRP is the thrill you're looking for!

*Tom, WB8LCD*



### ***DX Engineering Catalog Cover - Answer (from page 10)***

When the catalog was being worked on and I saw the first preliminary cover I asked DX Engineering's COO Tim Duffy, K3LR (a long time friend of PCARS) if we could place the PCARS mascot - the Black Squirrel - on the cover picture. He said it was a great idea.

I worked with the Summit Catalog people (Jason, KD8WGR) and had our mascot placed on the right side of the cover page just inside the grassy area.

Look close - You'll see him there. Out of the thousands of catalogs going all over the world, I bet PCARS members will be the only ones that not only spot that squirrel - but know it is a PCARS squirrel!



**PCARS  
Squirrel**

*Tom, KB8UUZ*

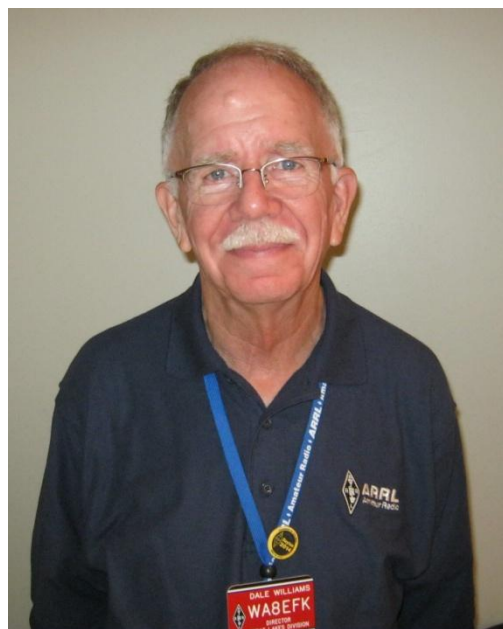
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## *Dale's Tales for June 2015*

Convention: The "target" is Columbus, OH for the ARRL 2015 Great Lakes Division Convention. The date is August 1. The Voice of Aladdin Amateur Radio Club will serve as hosts this year. Forums will include DX, NVIS, Digital Voice, ARES, HF Sound Card Modes, OSSBN/NTS and there will be on-site VE testing. Check the Division Web pages at <http://arrl-greatlakes.org/> for updates.

Special Event: The Museum Ships on the Air Special Event will occur over a 48 hour period on the weekend of June 5-7, 2015. The times are 0000 Z June 6 thru 2359 Z June 7. There will be a collection of over 75 actual Ships and Museum Sites from around the world participating. Included are many of World War II Historical Vessels with the Battleship New Jersey, NJ2BB, sponsor of the event. Working 15 different participating ships will earn you a certificate. Additional information about the Museum Ships Operating Event can be found on The Battleship New Jersey Amateur Radio Station's website <http://www.nj2bb.org/museum/>. A Michigan Club, The Ships Amateur Radio Club, will be sponsoring a Special Award during the event. It requires contact with the 5 ships representing the Great Lakes. The WAGL Award, "Worked All Great Lakes" is commemorating the Light Ship Huron (K8H), SS Col Schoonmaker (K8E), SS Milwaukee Clipper (K8M), SS Edmund Fitzgerald (K8S) and the US Army LT-5 Tug Boat (K8O). Information is available at <http://ships-wagl.com/> or on QRZ for those call signs. 21 Hams will be operating portable style for up to 16 hours each day at 5 different Great Lake sites either where the ships are located or at the Great Lakes Shipwreck Historical Society.

Additional Information is on their web page <http://ships-wagl.com/>. All QSL requests via W8CDB. For those energetic stations working all five ships with the K8\* call, they will have a downloadable certificate, the "WAGL" (pronounced "Waggle") or "Worked All Great Lakes."



73, see you on the bands.

***Dale, WA8EFK***  
**Director - ARRL Great Lakes Division**

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## *From the Great Lakes ARRL Vice Director*

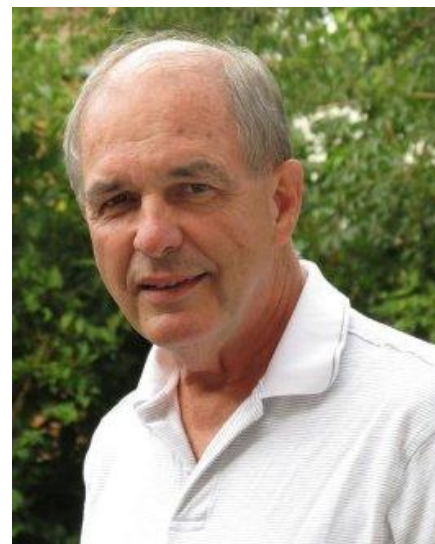
Whatever trends are happening in ham radio, you can find them at the Dayton Hamvention. For that matter, you can find all the essential elements of ham radio there, as well. Emergency communications? The ARES® forum, and many exhibits and vendors dedicated to making sure we're well prepared. Advancement of the radio art? Of course. New products, but in many more ways, hams teaching hams about new discoveries. Training? Lots of forums intended to help the new hams, as well as the more experienced, how to do things better. International Goodwill? Ohio Section Manager Scott, N8SY, had a map at his table showing 72 countries being represented.



At the heart of all of this is hams meeting other hams, some for the first time, some for the hundredth time, sharing information and friendship. I had a great time at the ARRL booth, getting to know more people from the Great Lakes Division, and hearing about what they do. Making sure we connect with each other on our projects is very important. Sometimes, information that people in one part of the Division might need is similar to what others from another part of the Division have already been working on.

I love working DX, and I don't do enough of it. It's even better to meet some people in person. Friday I had the chance for a nice chat over lunch with people from the Radio Society of Great Britain. Saturday, I met a young man from Argentina, and helped him find the right person to work on an issue with a certificate for a friend of his. And these were just a few of the many people with DX calls that I saw during the weekend.

We should all be grateful for the work done at the ARRL Lab. They provide a valuable service to the hobby by their rigorous testing and experimenting. I had a chance to work with some of them for a few hours on Saturday as they tested HT's. Most of the equipment tested fell within specs. They'll use some of their results to pinpoint problems with certain types of equipment.



73,

**Tom, W8WTD**

Vice Director - ARRL Great Lakes Division

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**House Bill 1301:** Current FCC Regulations allow homeowners in deed-restricted residences to install TV receive only (TVRO) antennas. This includes both dish antennas and conventional over the air antennas. "**Amateur Radio Parity Act**" HB 1301 was introduced in the U.S. House of Representatives to direct the FCC to allow Radio Amateurs to have "parity" with the current TVRO antenna regulations and install reasonable ham radio antennas. At the recent ARRL EXPO at the Dayton Hamvention®, we were successful in preparing more than 800 signed letters from Radio Amateurs covering over 100 Congressional Districts. These will now be hand delivered to their Congressmen. The ARRL Web Page <http://www.arrl.org/hr-1301> contains the complete text of the bill.

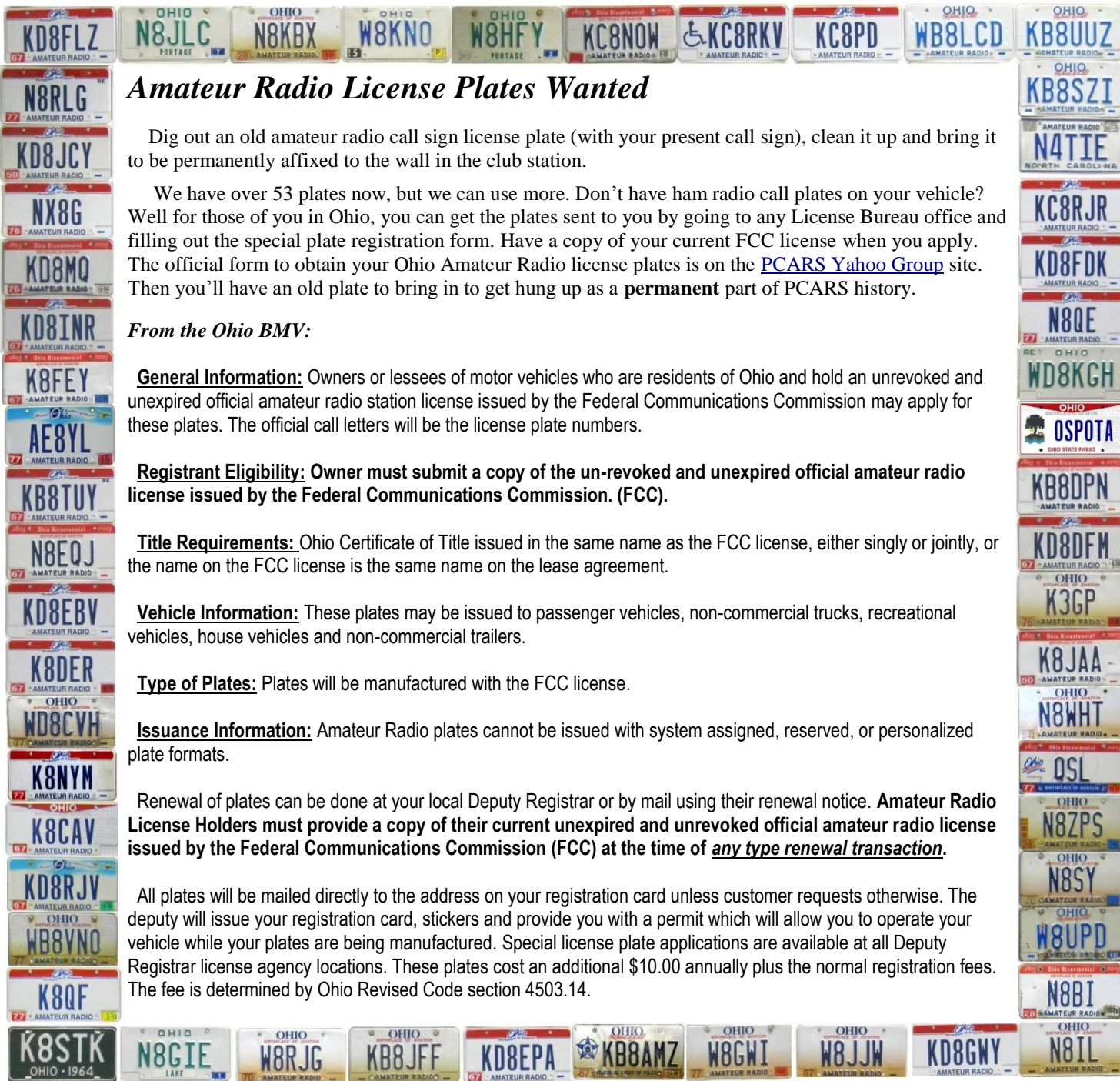


## Latest Top 100 DX Wanted List

Club Log - Top 100 Wanted List for North America

Rank	Prefix	Entity Name	Rank	Prefix	Entity Name
1.	P5	DPRK (NORTH KOREA)	51.	VP8O	SOUTH ORKNEY ISLANDS
2.	FT5W	CROZET ISLAND	52.	VK9C	COCOS (KEELING) ISLAND
3.	3Y/B	BOUVET ISLAND	53.	TL	CENTRAL AFRICAN REPUBLIC
4.	VP8S	SOUTH SANDWICH ISLANDS	54.	TI9	COCOS ISLAND
5.	BS7H	SCARBOROUGH REEF	55.	8Q	MALDIVES
6.	FT/J	JUAN DE NOVA, EUROPA	56.	H40	TEMOTU PROVINCE
7.	VK0H	HEARD ISLAND	57.	T31	CENTRAL KIRIBATI
8.	BV9P	PRATAS ISLAND	58.	4S	SRI LANKA
9.	SV/A	MOUNT ATHOS	59.	1S	SPRATLY ISLANDS
10.	FT/G	GLORIOSO ISLAND	60.	XU	CAMBODIA
11.	VP8G	SOUTH GEORGIA ISLAND	61.	ZL9	AUCKLAND & CAMPBELL ISLAND
12.	KH5K	KINGMAN REEF	62.	PY0S	SAINT PETER AND PAUL ROCKS
13.	EZ	TURKMENISTAN	63.	XW	LAOS
14.	FT5X	KERGUELEN ISLAND	64.	VK9M	MELLISH REEF
15.	ZS8	PRINCE EDWARD & MARION ISLANDS	65.	4W	TIMOR-LESTE
16.	KH1	BAKER HOWLAND ISLANDS	66.	YA	AFGHANISTAN
17.	YK	SYRIA	67.	ZD9	TRISTAN DA CUNHA & GOUGH ISLANDS
18.	VK0M	MACQUARIE ISLAND	68.	TT	CHAD
19.	EP	IRAN	69.	V8	BRUNEI
20.	CE0X	SAN FELIX ISLANDS	70.	JX	JAN MAYEN
21.	KH5	PALMYRA & JARVIS ISLANDS	71.	KH4	MIDWAY ISLAND
22.	E3	ERITREA	72.	S0	WESTERN SAHARA
23.	FK/C	CHESTERFIELD IS.	73.	EX	KYRGYZSTAN
24.	KH7K	KURE ISLAND	74.	FT5Z	AMSTERDAM & ST PAUL ISLANDS
25.	JD/M	MINAMI TORISHIMA	75.	VP6/D	DUCIE ISLAND
26.	S2	BANGLADESH	76.	YI	IRAQ
27.	PY0T	TRINDADE & MARTIM VAZ ISLANDS	77.	J2	DJIBOUTI
28.	XX9	MACAO	78.	D6	COMOROS
29.	AP	PAKISTAN	79.	3W	VIET NAM
30.	3C	EQUATORIAL GUINEA	80.	7O	YEMEN
31.	KP1	NAVASSA ISLAND	81.	3D2/C	CONWAY REEF
32.	VK9W	WILLIS ISLAND	82.	FH	MAYOTTE
33.	FT/T	TROMELIN ISLAND	83.	5U	NIGER
34.	5A	LIBYA	84.	S7	SEYCHELLES ISLANDS
35.	KH3	JOHNSTON ISLAND	85.	JD/O	OGASAWARA
36.	A5	BHUTAN	86.	9U	BURUNDI
37.	XZ	MYANMAR	87.	R1F	FRANZ JOSEF LAND
38.	3Y/P	PETER 1 ISLAND	88.	1A0	SOV MILITARY ORDER OF MALTA
39.	3C0	ANNOBON	89.	7Q	MALAWI
40.	3B7	AGA LEGA & ST BRANDON ISLANDS	90.	Z8	REPUBLIC OF SOUTH SUDAN
41.	VU4	ANDAMAN & NICOBAR ISLANDS	91.	9Q	DEM. REP. OF THE CONGO
42.	9N	NEPAL	92.	9G	GHANA
43.	YV0	AVES ISLAND	93.	EK	ARMENIA
44.	VU7	LAKSHADWEEP ISLANDS	94.	9X	RWANDA
45.	E4	PALESTINE	95.	ZC4	UK BASES ON CYPRUS
46.	VK9X	CHRISTMAS ISLAND	96.	T33	BANABA ISLAND
47.	ET	ETHIOPIA	97.	3XA	GUINEA
48.	3A	MONACO	98.	TN	REPUBLIC OF THE CONGO
49.	T5	SOMALIA	99.	KH9	WAKE ISLAND
50.	UJ	UZBEKISTAN	100.	KP5	DESECHEO ISLAND

Thanks goes out to Club Log for this listing



## 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 53 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](http://PCARS Yahoo Group) site. Then you'll have an old plate to bring in to get hung up as a **permanent** part of PCARS history.

### From the Ohio BMV:

**General Information:** Owners or lessees of motor vehicles who are residents of Ohio and hold an unrevoked and unexpired official amateur radio station license issued by the Federal Communications Commission may apply for these plates. The official call letters will be the license plate numbers.

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

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

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

**Type of Plates:** Plates will be manufactured with the FCC license.

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

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

All plates will be mailed directly to the address on your registration card unless customer requests otherwise. The deputy will issue your registration card, stickers and provide you with a permit which will allow you to operate your vehicle while your plates are being manufactured. Special license plate applications are available at all Deputy Registrar license agency locations. These plates cost an additional \$10.00 annually plus the normal registration fees. The fee is determined by Ohio Revised Code section 4503.14.

## 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: Bob, N8QE or e-mail him at: [N8QE@portcars.org](mailto:N8QE@portcars.org)



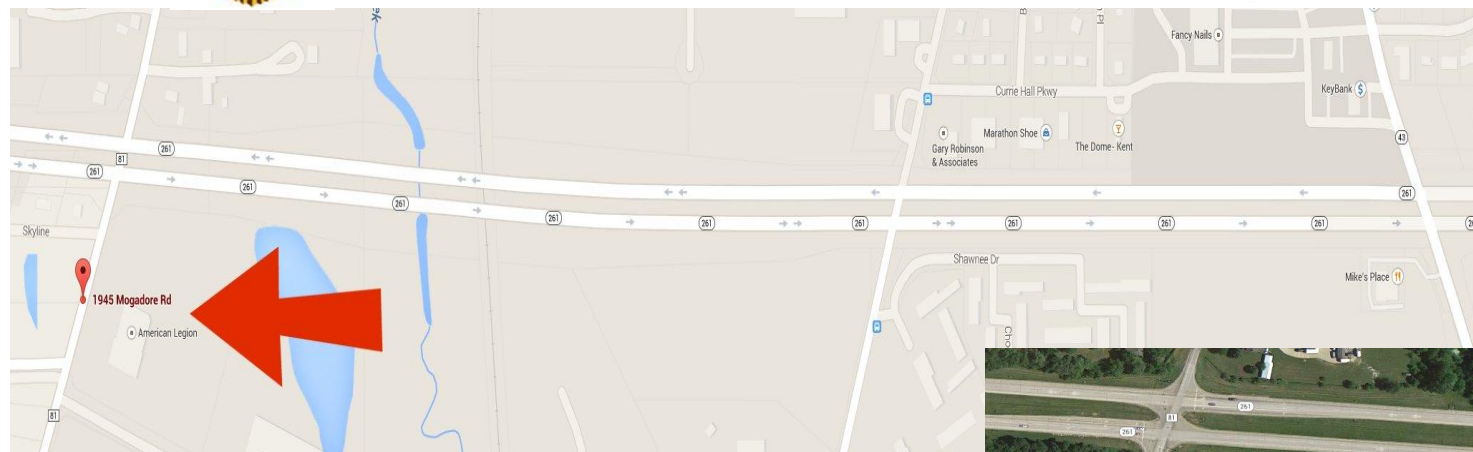


## PCARS Meetings

The Portage County Amateur Radio Service (PCARS) meetings are held the **2<sup>nd</sup> Monday** of each month and start at 7:00 pm.



*The meetings are held at The American Legion, Post 496  
1945 Mogadore Road - in Kent. (Just South of Route 261)*



The American Legion Post 496 is located on the southeast corner of State Route 261 and Mogadore Rd. The driveway is on the south side of the building and as you enter you will pass through a parking lot on the south side of the building. Please do not park in this lot but instead continue on to the parking lot on the east side of the building which is the near the rear entrance into the Post 'Canteen'. As you enter the post from this entrance you'll see a bar to the left and a dining area to the right. The meeting area we'll be in is on the right, to the rear of the dining area.



*The picture on the left shows  
The American Legion Post 496  
as viewed from Mogadore Road.  
(looking East)*

The menu consists of your basic burger / dog / chicken sandwiches, wings, fries, onion rings, and salads. There is also an appetizer selection as well. Adult beverages are available and costs are in line with what you would expect at most bar-restaurant facilities.

If you are a member of the The American Legion, The American Legion Auxiliary, or the Sons of The American Legion, bring your ID card as you get a substantial discount on adult beverage pricing.

## Tour de Cure - 2015



**Who:** American Diabetes Association

**When:** Sunday, June 28, 2015

**Where:** Cleveland's Gateway Plaza

**Address:** Between Progressive Field and The Q

**Routes:** 100 mile, 74 mile, 57 mile, 28 mile, 5 mile



### SIGN UP FORM -

<https://docs.google.com/forms/d/1EC1N4EnSDfRkse2ICRwkSp0e0Hm1gbU5Lq8Ewoe6jvI/viewform>

NEW FOR 2015! The American Diabetes Association Tour de Cure is starting from downtown Cleveland?! I am looking for volunteers to come help provide communications for this worthy cause. We're looking for operators to staff the command post at Gateway Plaza, rest stops, and strategic locations along the route. The more "eyes and ears" we have on the course, the better situational awareness we can provide to the American Diabetes Association.

The entire course goes from Cleveland Gateway Plaza out to Huron High School and back. The participant will ride some, or all, of the same course depending on the route chosen. Lunch is provided at the high school only for the 100 milers. All others will eat lunch at Gateway Plaza. Volunteers will receive a free t-shirt and a free lunch for their tireless effort. MAPS are available at <http://ridewithgps.com/routes/7353735>.

All volunteers are asked to register by clicking on the link listed below. Registration is important so I can make sure there are enough resources to suit the needs of the event.

<https://docs.google.com/forms/d/1EC1N4EnSDfRkse2ICRwkSp0e0Hm1gbU5Lq8Ewoe6jvI/viewform>

More information about the event can be found at:

[http://main.diabetes.org/site/TR/TourdeCure/TourAdmin?pg=entry&fr\\_id=10202](http://main.diabetes.org/site/TR/TourdeCure/TourAdmin?pg=entry&fr_id=10202)

Feel free to contact me ([w8dec2@gmail.com](mailto:w8dec2@gmail.com)) should you have any questions.

Thanks & 73,  
**Matt, W8DEC**



## 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 2015.

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

**K8CAV, WB8LCD, N8RLG, W8PT, KC8PD, KB8AMZ, KD8DFL, K3LR, KB8UUZ, KB8SZI, N8SY, WA8EFK, W8WTD, W8DEC, the ARRL and the World-Wide Web.**



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

**Tom "Parky", KB8UUZ**  
PCARS Newsletter Editor





# PCARS Meeting May 11, 2015









# Fourth Annual GREAT LAKES EMERGENCY COMMUNICATIONS CONFERENCE

*"Where Education and Training Meet"*

## SATURDAY, JULY 18, 2015

### 8:00AM to 5:00PM

### GILMOUR ACADEMY LOWER SCHOOL

**\*\*35001 Cedar Rd, Gates Mills, OH 44040 \*\* TALK-IN 146.79 (-) PL 88.5 \*\* GLECC on APRS\*\***



Go Box Display



Emcomm Vehicle Display



Forums and Presentations

**MANY DISPLAYS, DEMONSTRATIONS, AND TRAINING SESSIONS  
FREE TRAINING TO ALL PARTICIPANTS!**

**LUNCH PROVIDED AT LOW COST!**

Visit the website for online registration, directions, schedule, and more information

**<http://www.glecc.net>**

#### LICENSE EXAMS

Want to become an amateur radio operator?

Want to upgrade to General Class or Amateur Extra Class?

Contact Jackie N8JMW at 440-636-2806 or [n8jmw2@gmail.com](mailto:n8jmw2@gmail.com) for details

#### Event Chairman

Matt Welch W8DEC

440-636-2560

[w8dec@arrl.net](mailto:w8dec@arrl.net)

#### Vice Chairman

David Andrzejewski KD8TWG

440-220-2064

[david@davidandrzejewski.com](mailto:david@davidandrzejewski.com)

**The GLECC Committee is comprised of highly motivated and experienced volunteers from the amateur radio community dedicated to the education and training of volunteers interested in public service, emergency, and disaster communications.**



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

Meetings: 2<sup>nd</sup> Monday of each month at 7:00 PM



PCARS meets the Second Monday of each month at the Kent American Legion Post 496.  
1945 Mogadore Rd. - just South of Rt. 261 - enter the rear of the building for the meeting room.

*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 ~ EchoLink Node: K8SRR

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

### 2015 PCARS Appointments & Committees

ARRL Awards - DXCC WAS, VUCC, WAC	<b>W8KNO</b>	Joe Wehner
ARRL Awards - WAS	<b>KB8UUZ</b>	Tom Parkinson
Club Site Manager/Liaison	<b>KC8PD</b>	Jim Aylward
Contest Coordinator	<b>W8PT</b>	Chuck Patellis
EchoLink	<b>K8SRR</b>	Steve Randlett
Field Day Chairman	<b>W8PT</b>	Chuck Patellis
FYAO Chairman	<b>W8PT</b>	Chuck Patellis
Historian	<b>KB8SZI</b>	Peggy Parkinson
K8BF Callsign Trustee	<b>K8FEY</b>	Bob Hewett
K8BF QSL Manager	<b>K8FEY</b>	Bob Hewett
Membership Chairman	<b>KC8PD</b>	Jim Aylward
Net Manager	<b>WB8LCD</b>	Tom Sly
Net Night - Club Manager	<b>WB8LCD</b>	Tom Sly
Newsletter Editor	<b>KB8UUZ</b>	Tom Parkinson
OSPOTA Chairman	<b>KB8UUZ</b>	Tom Parkinson
P.I.O.	<b>WA8AR</b>	Tony Romito
Secretary	<b>K8MSH</b>	Mark Haverstock
Tech & Gen Class Manager	<b>AC8NT</b>	Jim Wilson
V.E. Liaison	<b>N8RLG</b>	Robert Gurney
Webmaster	<b>KD8MQ</b>	John Myers



PCARS  
Active  
Volunteer  
Examiner  
Team  
Members

<b>KC8PD</b>	Jim Aylward
<b>KB8UUZ</b>	Tom Parkinson
<b>WB8LCD</b>	Tom Sly
<b>N8XTH</b>	Deron Boring
<b>N8PXW</b>	Jim Korenz
<b>N8QE</b>	Bob Hajdak
<b>W8PT</b>	Chuck Patellis
<b>K8IV</b>	Ed Polack
<b>K8QF</b>	Russ Conklin
<b>WD8CVH</b>	Ted Wands
<b>N8RLG</b>	Robert Gurney
<b>KD8FLZ</b>	Mike DiCarro
<b>WA8CCU</b>	Al Nagy
<b>NR8W</b>	Russ Williams
<b>W8EZT</b>	Frank Tompkins
<b>N8OQQ</b>	Bryan Buchwalter
<b>AC8NT</b>	Jim Wilson
<b>K8MSH</b>	Mark Haverstock
<b>KA8TOA</b>	Greg Ash



The **RADIOGRAM** is the official *Award Winning* (ARRL Ohio Section Newsletter First Place Winner for 2012 AND 2013. Second Place in the Great Lakes Division for 2013. Second Place ARRL Ohio Section Newsletter for 2014) newsletter of the Portage County Amateur Radio Service, Inc. (PCARS) – copyright © 2015. 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!**

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**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, we can take you off the e-mail list.

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

NLC

# THE RADIOGRAM

