



The **RADIOGRAM**

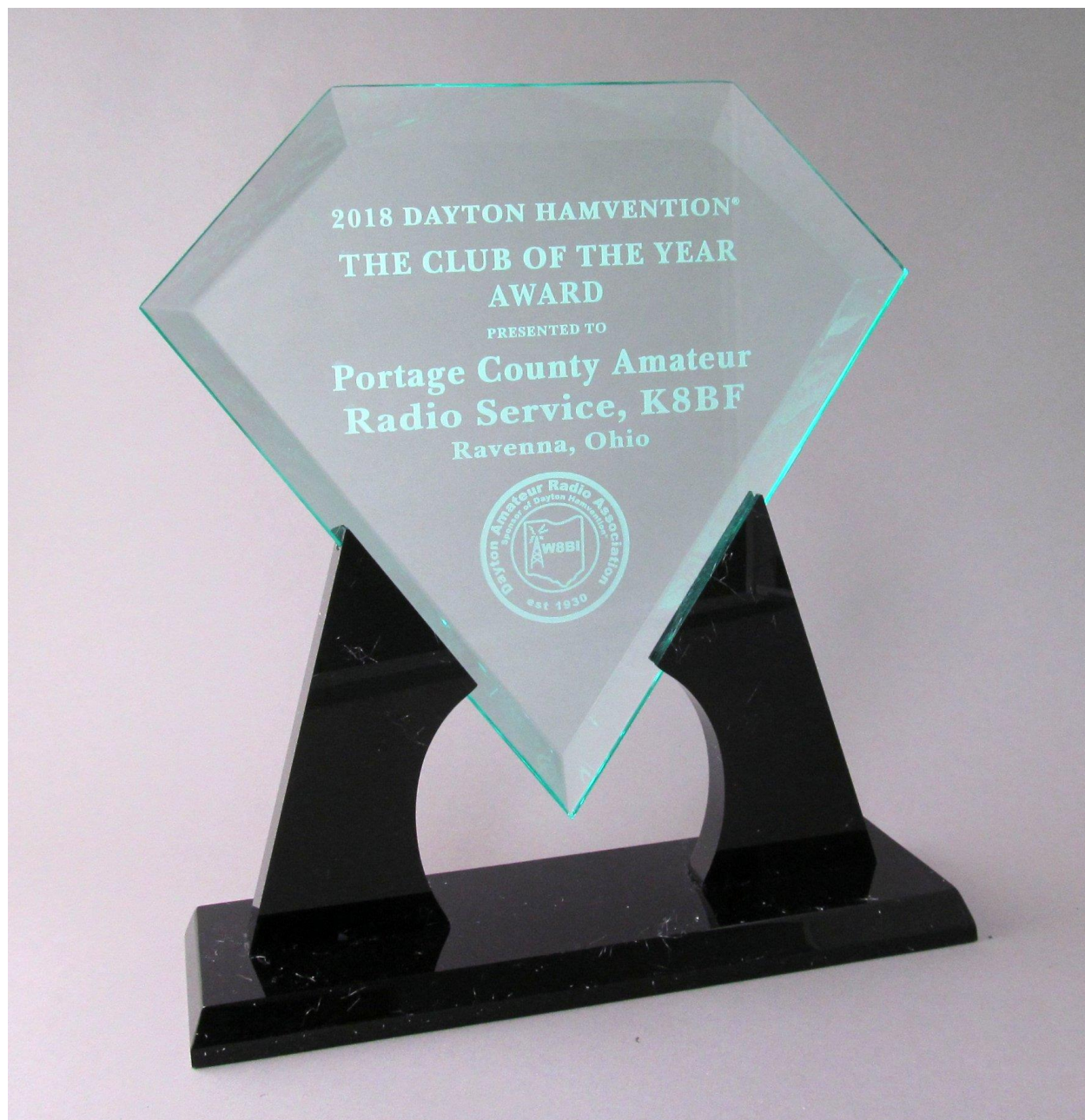
When All Else Fails ~ Amateur Radio Works

~ Official Newsletter of the Portage County Amateur Radio Service, Inc. ~

June 2018 - Volume 13 Number 6

\$ 6.23

PCARS awarded the 2018 Hamvention® Club of the Year Award

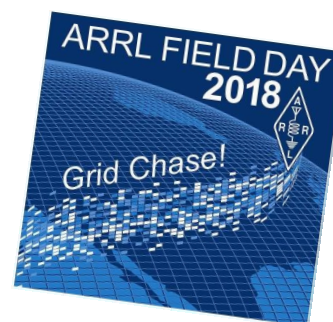


PCARS K8BF

The Club that puts the FUN in Ham Radio!



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From the President

Jim, AC8NT
PCARS President



The biggest event of this month was obviously Hamvention®. Not only did I have a great time looking at all the new toys and buying much needed components, I was privileged, along with a few other club members, to represent the club in receiving the “2018 Hamvention® Club of the Year” award. It was GREAT!! I am now in the process of finding a cool housing for displaying this award at the club. We will have it at the June meeting for all to see.



Hamvention® was also special because I got to spend it with my son and grandson. JC and Jax enjoyed meeting Dad’s friends and seeing all the great stuff. Jax really enjoyed talking to the ARRL folks in the Scouting booth.

Field Day is rapidly approaching. We still need volunteers to load the truck Friday night; help set up the antennas Saturday morning and serve dinner on Saturday night. None of these jobs require any “heavy lifting” or a high degree of technical skill. Please let Tony, WA8AR know if you can help. Also, Field Day donations will always be appreciated. Donation is easy using the **PayPal Donation** button on the Field Day page of the website. The Field Day page can be found by clicking the Field Day tab on our home page.

Donations are being accepted for the clubs Field Day effort.
Do you want to donate to Field Day, but hate the bother of writing a check?
No problem, you can donate to the Field Day fund via **Paypal!**
Just click on the button below, and follow the prompts. It's that easy!

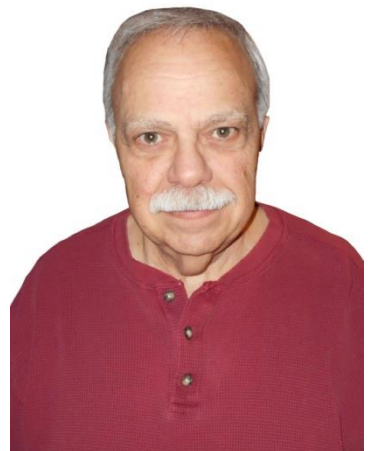
[Donate](#)

VISA MASTERCARD AMERICAN EXPRESS DISCOVER

On the home front, the XYL is very glad all the attic antenna work is finished. Her measure of success is that I didn’t fall through the ceiling. Mine is now having some nice antennas to use. Although I still enjoy CW and SSB contacts, the solar cycle is pushing me to use more digital modes. Although the QSO’s are short, I am getting contacts in Africa, South America and Eastern Europe using FT8 at about 25 watts from my QTH. I plan to enjoy myself this summer racking up countries and I still have a few states to collect.

From the Vice President

Tony, WA8AR
PCARS Vice President



In case you were wondering, the first Field day was held in 1933. Then as now it was primarily an emergency preparedness drill. An element of contesting was included to encourage the submission of operating logs so that the effectiveness of the drill could be evaluated. Today the contesting has gotten more competitive and there is a major emphasis on public relations, education, and recruiting of new Hams into our hobby. But make no mistake it is a huge social event for our club and a chance for all of us to exercise our skills in one way or another. So I would encourage all of you to come out to our Field day site even if you can only stay for a short time. If it is your first Field Day come out and try your at whatever you feel comfortable doing. We need lots of help to pull this operation off and with some luck, combined with hard work, we are going to take first place in our class. Why not have fun, and be the best!!

Schedule of Events

On the calendar for upcoming meetings and activities are:

- June 2nd - VE Testing at the PCARS Club Site in Ravenna - starts at 10 am
- June 6th - VE Testing at the PCARS Club Site in Ravenna - starts at 7 pm
- June 7th - PCARS Board Meeting - 7 pm - at the club site in Ravenna
- June 11th - PCARS meeting - 7 pm - at the Kent American Legion hall
- June 17th - Fathers Day
- June 22nd - Load the truck with the Field Day Gear - 6 pm at the club site
- June 23rd - 24th - FIELD DAY 2018 - Be there !!
- July 2nd - PCARS Board Meeting - 7 pm - at the club site in Ravenna
- July 4th - Independence Day
- July 7th - PCARS Special Event Station - at the club site 10 am to 10 pm
- July 9th - PCARS meeting - 7 pm - at the Kent American Legion hall



Special Interest Groups (SIGs) - Every Month at the Club Site in Ravenna - 7 pm



- First Tuesday - **Digital** - Moderator: K8CAV
- Second Tuesday - **QRP/CW** - Moderator: KB8AMZ
- Third Tuesday - **Antenna** - Moderator: WA8AR
- Fourth Tuesday - **DX & Contest** - Moderator: W8PT
- Fifth Tuesday - **Linux for Hams** - Moderator: KB8AMZ



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

Happy Birthday PCARS Members

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

| | | |
|--------|---------|---------------|
| W8SV | Howard | Evans |
| KD8DQT | Jeffrey | Moore |
| KD8SIZ | John | Miles III |
| AC8XO | Vince | Bednarz |
| KD8EPF | Rena | Martin-Wehner |
| KB8VJO | Gary | Overfield |

| | | |
|--------|----------|----------|
| W8CDL | Coletta | Tomasik |
| WD8DAU | Dan | Trout |
| KD8LIR | Jennifer | Sly |
| KD8WCK | Rich | DeMattia |
| WB8OVQ | Bob | Warner |



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



HAMVENTION®

2018



**Dayton
Hamvention®**

Amateur Radio... Serving the Community 2018

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

**The Portage County Amateur Radio Service
(in Ohio)**

**The Hamvention®
Club of the Year
for 2018**

Hamvention® 2018 Club of the Year Award - PCARS

Hamvention® 2018 will always be a milestone in the history of PCARS. The Dayton Amateur Radio Association (DARA), founders and coordinators of Hamvention® chose our club to receive the prestigious award - the **2018 Hamvention® Club of the Year**. This award is only given to one club per year after the awards committee reviews and verifies the nominations from all over the world.

To receive this award means so much to those of us that started PCARS in 2005 and all of the members of the entire club. We have tried our best to keep the members engaged and having fun with amateur radio and have encouraged others to join in on the fun as well. There are so many aspects in this hobby and we are trying to make it fun for everyone. Included in this goal is to bring in younger members to the hobby. To spark interest in all things technical and to have fun along the way. The PCARS founders, charter members, regular members past and present are proud of our achievements and of this award. All of the members past and present, have made this club what it is today. Along with the future members, our club will be even better in years to come.

On Saturday, May 19th a small group of PCARS members were invited to the DARA Hamvention® 2018 Radio Amateur Awards Convocation held at the Carillon Historical Park's Heritage Center of Dayton Manufacturing and Entrepreneurship. PCARS members that were



Hamvention® 2018 Radio Amateur Awards Convocation

You are cordially invited to the Dayton Amateur Radio Association's
2018 Awards Convocation

To be held at

The Carillon Historical Park's

Heritage Center of Dayton Manufacturing and Entrepreneurship

Located at

1000 Carillon Blvd

Dayton, OH 45409

Saturday, May 19, 2018

Agenda

6:30 to 7:00 Cocktails and Hors D'oeuvres

7:00-7:15 Opening Comments

7:15 to 8:00 Dinner

8:00 to 8:30 Awards Presentation

8:30 to 9:30 Informal Tour of the Heritage Center

RSVP has been made for AC8NT, K8CAV, WB8LCD, KB8UJZ, W8PT



present included; Jim - AC8NT, Tom - WB8LCD, Rick - K8CAV, Tom - KB8UJZ and Chuck - W8PT. Two other people that were invited, that happen to be PCARS members, were Bob - W5OV and Dave - K1ZZ.



The facility that we were in houses a great number of historical items showing the rich history of Dayton. Included in the small area we were in was a Wright Brothers airplane hanging from the ceiling.

In an adjacent room there was a display of old NCR cash registers that was very impressive,

Awards were presented to:

Amateur Radio Club of the Year Award - Portage County Amateur Radio Service

Technical Achievement Award - Chip Cohen, W1YW

Special Achievement - Heriberto Perez, KK4DCX; Victor Torres, WP4SD and Emilio Ortiz JR, WP4KEY

Amateur of the Year Award - Valerie Hotzfeld, NV9L



Hamvention® Club of the Year - Portage County Amateur Radio Service **PCARS Members present - L to R:**
 Bob W5OV - Chuck W8PT - Tom WB8LCD - Tom KB8UUZ - Jim AC8NT - Rick K8CAV - Dave K1ZZ



Special Achievement - Heriberto Perez, KK4DCX; Emilio Ortiz JR, WP4KEY and Victor Torres, WP4SD



Technical Achievement Award
 Chip Cohen, W1YW



Amateur of the Year Award
 Valerie Hotzfeld, NV9L

(Editor's note: Special thanks to Bob, NQ1R for the photos on this page)



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Award Winners

The Hamvention Awards committee is very excited and pleased to announce the winners of the four Hamvention 2018 awards. Co-chairs Michael Kalter, W8CI, and Frank Beafore, WS8B, said, "We would like to thank everyone who nominated a candidate. The process is always difficult and the Awards Committee reached agreement on the following winners. Please join us in congratulating these outstanding 2018 winners."

Club of the year: The Portage County Amateur Radio Service



The Portage County Amateur Radio Service (PCARS) was established in November of 2005. It is an ARRL Affiliated Club and an ARRL Special Service Club.

PCARS has an average of 43 hours of club activities per month including special interest groups, license training, contests run from our club site, and club social events. Our members cover a wide range of interests that allow us to support public safety organizations, student outreach programs and activities focused on growing our hobby. We love to share our experiences and have a requirement that our events be filled with a lot of fun. Members have joined PCARS because of all the activities and fun we have.

We have created our own contests and events including our annual Freeze Your Acorns Off in February and Ohio State Parks on the Air that was used as a model for the ARRL's™ NPOTA contest. We have also donated time and money to our community including over \$6,000 in 2017.

We have several "Build Days" each year where we have projects covering home built transceivers, antennas, and digital equipment to allow members to inexpensively grow into new areas of the hobby. Each month we have at least one GOTA (Get On the Air) day where members and non-members can use club site equipment to learn about HF and new modes of operation. It is all about building our hobby, helping our community, building our skills and most of all having fun.



Dayton Hamvention® Amateur Radio... Serving the Community **2018**

Tom, WB8LCD



My experience at Dayton just keeps getting better every year! Quite a statement since I first went to Dayton in 1968. I have travelled with Chuck, W8PT - the last number of years, we get along pretty good and have some pretty good conversation regarding a range of topics. It's always an interesting few days. This year included a side trip to Cincinnati on Thursday evening for a quick stop at Jungle Jim's (a grocery store that really is worth the trip) and dinner at the Montgomery Rib King Boat House down on the river. Those ribs are tremendously good!

We were up early on Friday morning and headed straight to the fairgrounds. Unlike last year, it was smooth sailing and no traffic. Kudo's to the Greene County Sheriff's Dept that got that worked out really quick last year. As we parked the car and started walking towards Hamvention I heard a loud, familiar voice say "Hey Tom - you want a ride?" It was fellow PCARS member Don DuBon, N6JRL driving one of dozens of golf carts shuttling attendees through the parking lots. They say the crowds were a little smaller this year than they were last year, but I really didn't notice it. What was smaller was the amount of rain. There was still some wet times, but not near as bad as last year. Once they get a year in a row of nice, dry weather, I think Hamvention is going to continue to grow and be THE annual event that must be attended!

Friday was a good day at the fest, and then we went to the DX banquet that evening. First off, you can't go anywhere at Hamvention without running into other PCARS members! Ed, K8IV and George, K3GP were there, although we were at different tables. The banquet was OK, I didn't win a door prize. BUT - I got to talk with some very interesting hams over dinner. As it turns out, one guy at our table had 392 confirmed DXCC entities. WOW! I think the winner in the room was 396. That's an amazing accomplishment. The speaker for the evening talked about the "Humanitarian" side of ham radio. He told many personal stories where because of ham radio other people, some hams, some not, were helped under some very serious situations and conditions. We are referred to in part 97 as the "Amateur Radio Service" and it's always interesting to hear those stories, both big and small where hams have provided a service that was greatly appreciated by those whom it helped. It was definitely a "feel good" kind of talk.



We all have our Hamvention Traditions, and Saturday morning started with Bloody Mary's with a few friends in the parking lot. Then back to the Hamvention. PCARS group photo. I know I didn't see everyone who was there, but I did see a whole bunch of my PCARS friends. It was a good day as I also saw a lot of my friends from ARRL, from the Youth DX Adventure, and many other friends I would have never had the chance to be acquainted with if it were not for Ham Radio. By the way, the Hamvention food was pretty good too!



Saturday evening was definitely the hi-lite of the weekend. Along with a few others from PCARS, I had been invited to the special DARA awards banquet that is held each year, that I had never been invited to before.



As you know, PCARS was selected as the “Club of the Year” and was presented at the banquet held at the Dayton Museum of Industry. It was a very proud evening for all of us. The award will be displayed at our club site, but the real prize is being a part of such a fantastic club as PCARS! There was also recognition given at Hamvention on Sunday afternoon – it was anti-climatic compared to the Saturday evening presentation.

One of my favorite aspects of Hamvention is the people. Hopefully you will get the chance to experience a club presentation with some of the people I came in contact with at Hamvention. I will be going to Hamvention again, for as long as I am physically able to. It’s an experience you really want to have to put your hobby in perspective, and I hope to see you there next year!

Saturday Morning PCARS Pictures



Hamvention® Notes & Photos from PCARS Members

I was very impressed by the number, variety and quality of food vendors. I had some very good lunches. They helped keep up the energy necessary for shopping in such a vast marketplace. More vendors.

I didn't count them but must have been nearly 2 dozen.

Doug - WA8UWV



Dayton
Hamvention®

Dayton
Hamvention®

Dayton
Hamvention®

Dayton
Hamvention®

Dayton
Hamvention®

From Jeff - WA8SAJ



Dayton
Hamvention®

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Dayton
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Dayton
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Dayton
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From N8QZ and KE8EFG



From Tom - WB8LCD



A View from Behind the Counter

Tom, KB8UUZ



Being with a vendor during Hamvention® is a bit different than being a regular attendee. DX Engineering arrived on Wednesday, just before 11 am to get started setting up the booth area. This is the second year for this new venue and we were ready with new fixtures and looking forward to the weekend in Xenia, Ohio.

Wednesday and Thursday had the DX Engineering people busy with set up but all was done and we were ready for opening on Friday. The crowds seemed to be a bit less than last year, but the flow of people was pretty steady.

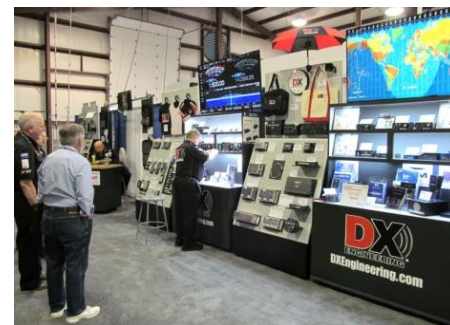
A few short rain showers came through over the weekend, but it didn't seem to dampen enthusiasm.

I did manage to walk around a bit and the other buildings were set up pretty good. The food choices were outstanding and all of the DX Engineering personnel were looking forward to their favorites from last year. I did not get over to the flea market area but did manage to get through the buildings.

Some of the DX Engineering people that are members of PCARS managed to get over for the annual PCARS picture at Hamvention that Tom, WB8LCD set up for Saturday just before noon. It was nice to see so many PCARS members at Hamvention this year.

I was very impressed at everything that was done by DARA to make this Hamvention® a success and even better than last year. DARA has already started on Hamvention® 2019 and will be making some adjustments to make it even *MORE* fun for all of us.

PCARS Members that were there for DX Engineering: KB8UUZ, KD8WHA, K8IV, KB8ZWT, K8KSU, K3GP, W8BBQ, N8NB, N8QE, K3LR, W5OV.



Xenia Enjoys a Second, More Successful Year Playing Host to "Dayton"



From the ARRL

Hamvention® 2018 returned to the Greene County Fairgrounds and Expo Center in Xenia, Ohio, for a second year, earning high marks for attendance, the debut of many new Amateur Radio transceivers, and tasty food.

"Other than the rain showers Friday and Saturday, the event seemed to go very smoothly," said QST Editor Steve Ford, WB8IMY, who has been on hand for many past Hamventions. "Many attendees, great food, and a spacious layout that made it easy to get around. It is a much better venue than Hara," he added. Others who commented on the Hamvention Facebook page agreed, although some complained that the flea market area was too small, still muddy, and not as well attended as in past years, when the flea market was Dayton Hamvention. Many credited the Dayton Amateur Radio Association (DARA) for putting on a great show while still addressing needed improvements.



Ford said the rain, which included a Saturday thundershower, did not deter the crowds, although indoor exhibit areas were packed at times, reminiscent of the steamy traffic jams of the past at Hara Arena during wet weather.

Alain De Carolis, K1FM, didn't let Hamvention curtail his ham radio activity.
[Bob Inderbitzen, NQ1R, photo]

ARRL EXPO, the focus of ARRL's Hamvention presence, saw considerable traffic, and visitors kept those tending the ARRL Store quite busy. Ford said attendees seemed to appreciate the ARRL Stage, where talks on various topics were presented throughout the show. ARRL Marketing Manager Bob Inderbitzen, NQ1R, said the ARRL team included nearly 100 people -- from Field Organization volunteers, Section Managers, Officers, Directors, Vice Directors, partners, served agency representatives, ARRL staff, and members who helped out.

Ford postulated that Hamvention 2018 may have witnessed a record number of new Amateur Radio products. New transceivers included Icom's IC-7610, Kenwood's TS-890S, Yaesu's FTDX-101D, and FlexRadio's FLEX-6400M and FLEX-6600M. CommRadio introduced its CTX-10, a compact SDR-based QRP transceiver. Other new products ranged from CW keys, to digital mode interfaces, to audio processors and amplifiers. The August issue of QST will provide a roundup.

Hamvention 2018 Amateur of the Year Valerie Hotzfeld, NV9L, ARRL and American Red Cross volunteer, receives her award from Hamvention Awards Committee member Frank Beaford, WS8B.

Showers persisted into Saturday. "Hamvention's attempts to mitigate last year's mud issues in the flea market area seemed to help, although the relentless rain proved to be a challenge," Ford observed. "As a result, the indoor exhibits appeared to receive the lion's share of the traffic."



Perhaps as a result of the wet weather, Hamvention forums proved popular. For example, a nearly standing-room-only crowd to the RTTY Contesting forum heard ARRL Southwestern Division Vice Director Ned Stearns, AA7A, discuss FT8 as a possible replacement for RTTY in contest applications. Stearns has been involved in proving out FT8 DXpedition Mode. The ARRL membership forum also drew a substantial crowd. After comments by President Rick Roderick, K5UR, Great Lakes Division Director Dale Williams, WA8EFK, addressed potential changes to the Amateur Radio Emergency Service® (ARES) program.

At Hamvention, ARRL Section Managers Oscar Resto, KP4RF (right) and Fred Kleber, K9VV, accepted the 2017 ARRL International Humanitarian Award on behalf of the radio amateurs of Puerto Rico and the US Virgin Islands.



The skies cleared on Sunday, and bargain hunters flocked to the Fairgrounds. A number of exhibitors commented that it was the largest Hamvention Sunday attendance they'd seen in a long time.

Young attendees seemed to be in greater evidence this year, including teams of students interested in combining Amateur Radio with robotics. For example, the First Roboticscompetition teams were on hand to demonstrate their creations.

The Yasme Foundation-sponsored "Ham Radio 2.0 -- Innovation and Discovery" area was a big hit, Yasme Foundation President Ward Silver, N0AX, said. "Subjects ranged from high-bandwidth satellite designs to Summits on the Air (SOTA), HamSCI's 2017 Solar Eclipse QSO Party (SEQP) research, and QSLs." Silver said the goal was to help diverse groups meet and interact. Researcher Nathaniel Frissell, W2NAF, who staffed the HamSCI booth, reported "a tremendous response."



Florian Zwingl, OE3FTA (left), and Koos Fick, ZR6KF, represented YOTA.
[Ward Silver, N0AX, photo]

Florian Zwingl, OE3FTA, of Austria, and Koos Fick, ZR6KF, of South Africa represented the IARU Region 1 group Youngsters on the Air (YOTA), promoting YOTA in IARU Region 2 (the Americas). The YOTA "Summer Camp" will be held in August in South Africa -- when it's winter in the Southern Hemisphere.

"The weather notwithstanding, the mood was clearly upbeat. The open layout of the Xenia Fairgrounds drew compliments as attendees found it much easier to navigate than Hara Arena," Ford said. "The Dayton Amateur Radio Association also received kudos for their smooth management of the event. The food vendors drew rave reviews with delights ranging from standard carnival fare to ethnic cuisine."



K8BF

4 Alpha Ohio



Field Day 2018



Tony, WA8AR
Field Day Chairman



Donations

Money\$\$: Donations to our Field Day Fund of any amount will be greatly appreciated and very much needed. You may make a donation in person at the June regular meeting or you can make a donation by PayPal through the PCARS Website. Simply click Field Day tab on the front page; you will see the "Donate" button, which is located near the top of the Field Day page on the right side.

Drinks and Snacks: The Club will furnish bottled water and Coolers with ice. As usual we are requesting that members donate Soda Pop, Chips, Cookies or and similar snacks. Snacks and pop are very much appreciated by all.

Antenna Crew

Just as we did last year we are seeking a group of Volunteers who will show up on the Field Day site at 10 am Saturday June 23rd (the morning of Field Day) to help set up the antennas for all of the Field Day Stations. No special expertise or experience is necessary, each station Captain will provide tools, equipment and supervise antenna construction for their station. We are looking for a minimum of 15 volunteers this year. It should be fun, as well as a good learning experience. To volunteer please simply send me (Tony WA8AR) an email: tromito99@gmail.com Subject: Antenna Crew Include your name and call sign. Last Year we had all of the antennas up and operating just after noon.

Box Truck Load Up

Tom, WB8LCD, will be renting a box truck to transport the vast majority of the equipment we will need to and from the Field Day site. We will need a crew of 9 to 10 volunteers to help load the truck. Equipment will be pre-staged as much as practical to make this process more efficient. Loading should begin at 6:00 pm at the club site on Friday June 22. I doubt that loading will take much more than an hour. If you can help with loading the truck please send me (Tony WA8AR) a separate email: tromito99@gmail.com subject: Box Truck Load Up Include your name and Call Sign. We are also going to need a group of volunteers to travel back to the club site for unloading. Please indicate if you want to help with the unloading too. If you can only work one end of the job that is fine, just let me know.

| | |
|--------------------------------------|-------------|
| Chairman | Tony WA8AR |
| Co-Chairman | Mike KB8TUY |
| Safety Officer | Karen N8HUC |
| Public Info. Officer | Tom WB8LCD |
| On-Site PIO & Media Table | Tom KB8UUZ |
| Antenna Crew Chief | open |
| Transport Crew Captain | Tom WB8LCD |
| IT Managers | Steve K8SRR |
| | Zeb KD8WZS |

| | |
|---------------------------------|-------------|
| CW Station Captain | George K3GP |
| Flex Station Captain | Rick K8CAV |
| VHF Station Captain | Mike KB8TUY |
| 20 Meter Station Captain | Erica AE8YL |
| 40 Meter Station Captain | Ed K8IV |
| GOTA Station Captain | Jim AC8NT |
| Power Team Captain | James KD8VT |
| Food Service Dir. | open |
| Educational Program | Jim AC8NT |

Still seeking operators for the CW station - all Sunday slots except 0400 to 0700 are open. Contact George, K3GP at: rttyfan@gmail.com or 330-829-9504 evenings and weekends.



Here's a map showing where PCARS will be for Field Day 2018.

PCARS will be at the Freedom Township Park located on State Route 700 and the corner of Streeter Road. That is just about 2 miles north of Route 303. See you there!!!!!!!!!!!!



If you're coming from the south (Ravenna and other points south) go north east on Route 88 to 700, turn north on 700, cross over Route 303, still heading north. Pass over the Turnpike and in about a mile you will see the park on the west side of State Route 700.

This year we will have the GOTA station up and running and we're planning to try out the FT8 digital mode as well. Yes, this is **NOT** a contest (*but, don't say that to K8IV....*), and we have been doing steadily better every year in the scoring. We're hoping to beat our record high score and come out high in category 4A. So, make your plans **NOW. Come on out and join in on the fun.**



Dinner will be on Saturday and I'm told that we will have Robert's (N8RLG) world-famous pancakes for Sunday's breakfast - you do not want to miss that!

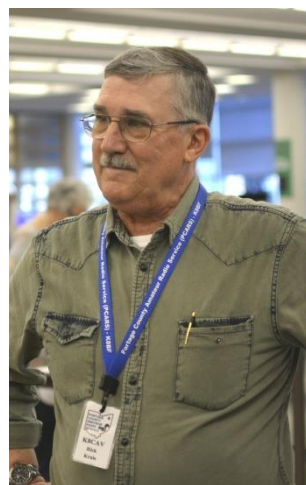
Bring a guest, a family member, a neighbor, a friend. Let them see what amateur radio is. We can explain to them various aspects of amateur radio and how important it can be for communications in an emergency. Besides that, it can be a lot of fun making contacts (as we say on our weekly nets) “**from around the corner, to around the world**”. Maybe you can nudge them into getting on the air at the GOTA station!

K8BF - PCARS is the place to be on Field Day 2018.



Field Day Flex Station

Rick, K8CAV



For immediate release ... News Flash ... PCARS Field Day Flex Station Short on Operators and Loggers

Freedom Township Ohio June 1 2018. The Captain for the PCARS Field Day Flex Station has reported that he is in dire need of operators and loggers to join in and operate on June 23rd and 24th. When interviewed Rick, K8CAV stated, "We had a great effort in 2017, Flex broke all records and I'd hate to see us slip backwards because we can't fill those operator and logger slots".

It has been reported that PCARS will attempt to win the 4A classification this year in the *contest-that's-not-a-contest* and will need all hands to make that happen.

K8CAV has asked all PCARS members to take a look at the chart and to let him know as soon as possible what remaining slots and functions you can fill, contact him at k8cav.coms@gmail.com.

This is Radio Waves reporting to you live for the Freedom Township News Channel, 73 all.- end msg.

2018 FLEX STATION SCHEDULE

| DATE | TIME | MODE | OPERATOR | LOGGER |
|------------|---------------|--------------------|-------------------------------|--------|
| SAT 23 JUN | 14:00 - 16:00 | 40M or 20M DIGITAL | Keith AC8PR and/or Rick K8CAV | |
| SAT 23 JUN | 16:00 - 18:00 | 40M or 20M DIGITAL | Keith AC8PR and/or Rick K8CAV | |
| SAT 23 JUN | 18:00 - 20:00 | | | |
| SAT 23 JUN | 20:00 - 22:00 | 80M PHONE | Amy KD8SKL | |
| SAT 23 JUN | 22:00 - 00:00 | | | |
| SUN 24 JUN | 00:00 - 02:00 | 80M PHONE | Deron N8XTH | |
| SUN 24 JUN | 02:00 - 04:00 | 80M PHONE | Deron N8XTH | |
| SUN 24 JUN | 04:00 - 06:00 | 80M DIGITAL | Rick KD8WCK | |
| SUN 24 JUN | 06:00 - 08:00 | 80M DIGITAL | Andrew KE8BWA | |
| SUN 24 JUN | 08:00 - 10:00 | | | |
| SUN 24 JUN | 10:00 - 12:00 | | | |
| SUN 24 JUN | 12:00 - 14:00 | | | |

NOTE: This schedule is somewhat flexible. If you want to operate or log and someone is on the schedule, check in anyhow in case someone could not show up.



PCARS VE Test Sessions

Robert, N8RLG
PCARS VE Team Liaison



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 2nd,

June 6th End of the Tech Class (7 pm start time) , June 23rd at Field Day (4 pm),

August 4th, October 6th, December 1st

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: 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 number 2 to re-instate your license.



New Tech Class Question Pool

Daryl, WX1DER



June 30 is the **LAST DAY** of the 2014 Technician Class License Question Pool and resulting exams...as a NEW Question Pool and resulting exams take effect on July 1. I know there's always a listing in The RADIOGRAM about VE Testing (including a session at Field Day on June 23), but those who may not realize, or have forgotten about the Question Pool change, will be in for a rude awakening at exam sessions after **July 1**, if they studied the 2014 Technician Class Question Pool!!

While there isn't much change in the current Technician Class Question Pool, and the new one, what change there is could mean the difference between passing and failing the exam!! Basically, it's no fun after one spends all that time studying, and then spending the test fee, to find out they flunked the exam, because they studied the wrong material!! That has happened more than once at sessions that I've been a part of in central Arkansas.

As a side note, the General Class Question Pool is being revised, and will likely be released either in December, 2018, or more likely January, 2019 -- and after any needed corrections, it will become effective on July 1, 2019.

Conversely, the Amateur Extra Class Question Pool will get revised in 2019, and be released either in December, 2019, or January, 2020 -- taking effect on July 1, 2020.

Then, the pool revisions "take a break" in 2021...and the whole cycle starts again in 2022.

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/>

As most of you may know, the portcars e-mail forwarding system is working anymore. Too many internet providers are looking at our forwarding system as spam and deleting the e-mails we send out through that system. So, what to do?

Two things every member should do.

1. Check the PCARS web site every day, maybe a couple of times a day to see new information that is posted.
2. Another thing to do is to join the PCARS Yahoo Group. That's a great place to post message when you are looking for information or have a question about something. Try it - you just may like it!!



Hamfest Calendar

06/02/2018 - Western Pennsylvania Section Convention (Breezeshooters Hamfest) - Location: Big Butler Fairgrounds - 1127 New Castle Road - Prospect, PA 16052 - Website: <http://breezeshooters.org> - Sponsor: Breezeshooters Amateur Radio Club - Contact: Robert Worek , AG3U - 619 Locust Drive Cheswick, PA 15024-1463 - Phone: 724-410-1028 - Email: ag3u@arrl.net

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07/08/2018 - 20/9 ARC Hamfest, Electronics & Computer Show - Location: Austintown Senior Center - 112 Westchester Drive - Austintown, OH - Website: <http://20over9.org> - Sponsor: 20/9 Amateur Radio Club - Contact: Dotti O'NeilMeleski , KC8SYF - PO Box 4006 Austintown, OH 44515 - Phone: 330-651-8420 - Email: hamfest@20over9.org

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07/14/2018 - NW PA Hamfest 2018 - Location: Greene Township Municipal Building - 9333 Tate Road Erie, PA 16501 - Website: <http://www.wattsburg-wireless.us/> - Sponsor: Wattsburg Wireless Association - Contact: Neal Proper, WB3EQC - 4039 Ridge Parkway Erie, PA 16510 - Phone: 814-882-2739 - Email: nlproper@verizon.net

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07/21/2018 - NOARSFEST - Location: Lorain County Community College - 1005 North Abbe Road - Elyria, OH 44035 - Website: <http://noars.net> - Sponsor: Northern Ohio Amateur Radio Society - Contact: Tom Porter, W8KYZ - 161 Herrmann Drive Avon Lake, OH 44012 - Phone: 440-320-5523 - Email: tporter161@oh.rr.com

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08/04/2018 - 2018 Columbus Hamfest / Ohio Section Conference - Location: Aladdin Shrine Center - 1801 Gateway Circle - Grove City, OH 43123 - Website: <http://columbushamfest.com> - Sponsor: Voice of Aladdin Amateur Radio Club (W8FEZ) - Contact: John Lehman, K8PJ- 7415 Hagerty Road Ashville, OH 43103 - Phone: 614-571-5179 - Email: voiceofaladdin@gmail.com

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08/12/2018 - Cuyahoga Falls ARC's 10th Annual Tailgate Hamfest - Location: Robert Pinn Armory - 4630 Allen Road - Stow, OH 44224 - Website: <http://www.cfarc.org/tailgate.php> - Sponsor: The Cuyahoga Falls Amateur Radio Club - Contact: Frank Tompkins, W8EZT - PO Box 614 Cuyahoga Falls, OH 44222 - Phone: 330-928-4048 - Email: tailgate2018@cfarc.org

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08/26/2018 - Skyview Radio Society 2018 Annual Hamfest - Location: Skyview Radio Society Clubhouse Grounds - 2335 Turkey Ridge Road - New Kensington, PA 15068 - Website: <http://www.skyviewradio.net> - Sponsor: Skyview Radio Society - Contact: John Cancro, NK3P - 3525 Milligantown Road - New Kensington, PA 15068 - Phone: 724-339-4945 - Email: jpc2@psu.edu

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09/09/2018 - Findlay Hamfest - Location: Hancock County Fairgrounds - 1017 East Sandusky Street - Findlay, OH 45839 - Website: <http://www.findlayradioclub.org> - Sponsor: Findlay Radio Club - Contact: Adam Hemmerly, KE8FLJ - 628 Hull Avenue Findlay, OH 45840 - Phone: 419-423-3402 - Email: hamfest@findlayradioclub.org

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09/09/2018 - Butler County ARA Swapfest - Location: Unionville Fire Hall - 102 Mahood Road - Butler, PA 16001 - Website: <http://w3udx.org> - Sponsor: Butler County Amateur Radio Association - Contact: Joseph Sciulli, N3WH - 1020 Bonniebrook Road Butler, PA 16002 - Phone: 412-337-1687 - Email: n3whjoe@gmail.com

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09/23/2018 - Cleveland Hamfest and Computer Show - Location: Cuyahoga County Fairgrounds - 164 Eastland Road - Berea, OH 44017 - Website: <http://www.hac.org> - Sponsor: Hamfest Association of Cleveland - Contact: Glenn Williams, AF8C - 4134 Stoney Ridge Road Avon, OH 44011 - Phone: 440-934-5566 - Email: <http://www.hac.org/contact.php>



Ten Fun Things to do on HF from a City Lot

John, KD8MQ



When I was first licensed (1980), I was living with my folks on the north side of Alliance. We had a small lot, so a tower and humongous antenna was not in the cards. I found ways to get on the air on a budget. The first station was a Drake 2NT (CW Only) transmitter and Drake (2C/2CQ) receiver. The antenna was an end-fed long wire.

Obviously, I was not the strongest signal on the band. But, I managed to get on the air and have fun. I've moved a few times since then, but always landed on a small city lot. My current QTH is the largest I've had, at 125' x 125'.

The following list details just some of the things that I've had fun with over the years. You'll notice that DXing isn't on the list. The DX bug never bit me. I've worked DX, but never got overly excited about it.

So, here are some ideas. I'm not going into a great amount of detail on these, but you see something that interests you, use our friend, Google for more information.

1. Get your WAS - This is Worked All States, and was a fun one for me. LOTW makes this one even easier. The quest for the Triple Play Award is also fun. The Triple Play, in case you are wondering, involves achieving WAS on each of three modes (Phone, CW, and Digital).



2. WAC – WAC stands for Worked All Continents.



3. Chase Counties – There are over 3000 counties in the US. County Hunting can be an ongoing quest, or a lifelong passion.



4. QSO Parties – These contests tend to be a lot less formal than some of the larger contests. Also, operating a QSO Party is a great way to increase your state, and county numbers.



5. Paper Chasing – On any given weekend, you can find lots of Special Event stations on the air. Most offer a commemorative QSL, or certificate for a SASE, or a couple green stamps. Some offer a certificate you can download. Check out W8KNO's "Paper Chase" column in most issues of the Radiogram for more about Paper (Awards) Chasing.



6. Collect QSL Cards - Not as many ops send paper cards today, but many still do. There's still a thrill whenever a new card arrives in the mailbox.



7. WAS & Awards nets – Whether you are into awards, or Worked All States, or collecting QSL cards, you should check out some of the Worked all States & awards nets. The 3905 Century club is the one that I'm most familiar with. There is also YL-ISSB, and OMISS.
8. Traffic Handling – This is a fun and needed skill that Hams should at least familiarize themselves with.

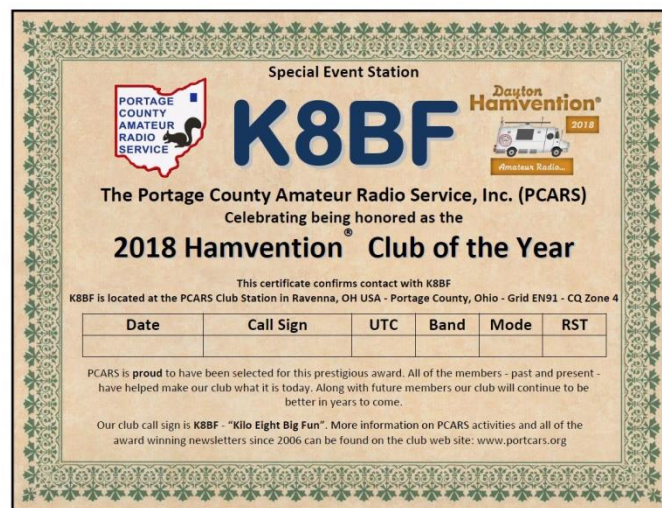
9. Learn CW – This is not only a fun part of the hobby, but at one time it was a required language in order to get your license. At this part of the solar cycle, CW is sometimes the mode of choice to work that new one; especially if your station is less than optimum.
10. Learn Digital Modes – Getting on digital modes has never been easier. There are lots of modes, too (RTTY, PSK, JT65, FT8, etc.). All you need is a computer and an interface. Many of the digital modes will decode signals that would be difficult to copy on phone.

And there's more ways to have fun with Ham Radio from a city lot. I've only scratched the surface month. Sometime this summer, I'll be doing a story about the Parks On The Air & WWFF programs, and why they are similar. Watch for that in an upcoming issue of the Radiogram.

Special Event Station - PCARS

In the May newsletter the date was in conflict with the IARU/WRTC Contest weekend, so I quickly notified ARRL & CQ Magazine about the change to July 7th instead. (Whew, dodged that one! - Parky)

To celebrate the Portage County Amateur Radio Service as being honored with the Hamvention® 2018 Club of the Year award, PCARS will have K8BF on the air for a special event on July 7th.



We'll be operational from 7 July 1400 UTC until 8 July 0200 UTC (7 July 10 am ET to 10 pm ET) from the PCARS club site in Ravenna.

For stations contacting K8BF, there will be a QSL card and Certificate available to commemorate this special event.

Information has been sent to ARRL and CQ Magazine and will be in the July issues. The listing is already posted on the ARRL web site.

This is the ARRL/QST listing:

07/07/2018 | Celebrating PCARS being honored as the Hamvention 2018 Club of The Year - Jul 7-Jul 8, 1400Z-0200Z, K8BF. Portage County Amateur Radio Service. 21.240 14.250 7.140. Certificate & QSL. Tom Parkinson, 9992 State Route 700, Mantua, OH 44255. General portions of the ham bands Certificate or QSL card available Send your QSL card with a Large SASE for 8x10 certificate or a regular SASE for QSL card. www.portcars.org

PCARS
Join Now
Discover the FUN



KC8PD Dedications April 21, 2018 in the Record Courier

PCARS, F&CS honor late Jim Aylward

Portage County Amateur Radio Service along with Family & Community Services make dedications to the memory of Amateur Radio operator James Aylward – KC8PD.

Members of the Portage County Amateur Radio Service (PCARS) held a dedication at their clubhouse, located in the Dietrich building at 705 Oakwood St. in Ravenna, to the memory of member James Aylward – KC8PD. Jim became a “silent key” on Aug. 17, 2017. As a lasting tribute to the memory of Jim, the club dedicated and named its VHF radio station “The Jim Aylward – KC8PD Memorial VHF Station.” The dedication was attended by many PCARS members and friends from the community.

Jim was one of the founding members of PCARS in 2005. He had served the club as president, vice president and trustee. His passion in Amateur Radio was for community service through Emergency Communications (EmComm).

He led the Communications Unit of the Portage County Emergency Management Agency and was a member of the EMA’s Incident Management Assistance Team. He coordinated radio communications support for a variety of local events including the Cleveland Marathon. He volunteered with the Amateur Radio Emergency Service serving the American Red Cross in Ocean Springs, Miss., after Hurricane Katrina.

Current club president Jim Wilson — AC8NT said that the VHF station was where Jim liked to operate from and that everyone who knew him would remember him anytime they entered into the station. Founding club president Tom Sly — WB8LCD added that Jim was an important part in the formation of PCARS and setting it on the path to what it has become today. Immediate past president Rick Kruis — K8CAV commented that Jim was a staunch supporter of the club and responsible for bringing many of the current members into the club and into the Amateur Radio hobby.

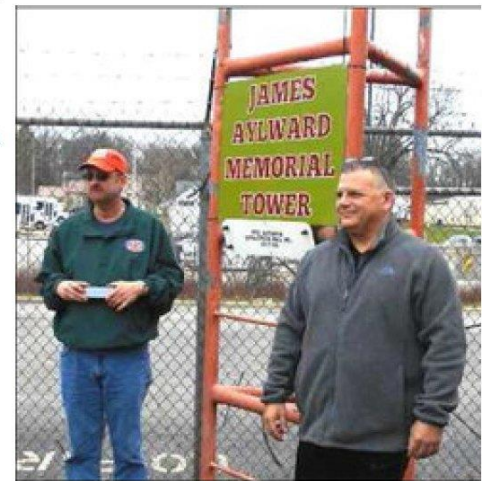
Just prior to the VHF station dedication, Mark Frisone, executive director of Family & Community Services (F&CS), dedicated the 200-foot radio tower located on the F&CS premises as the “James Aylward Memorial Tower.”

The tower is used to support both community service and PCARS communications antennas. Jim – KC8PD also served on the board of Family & Community Services for many years. Mark described Jim as a friend and committed board member who was dedicated to serving the community. A marker was placed on the side of the tower.

The Portage County Amateur Radio Service is a club for Ham Radio Operators, and anyone interested in becoming a ham radio operator. The club provides monthly meetings and activities related to improving its

members skills and knowledge as related to the science of radio.

Amateur Radio is recognized as a valuable national asset, especially in times of emergency. For more information about Amateur Radio and about PCARS, visit the PCARS website at www.portcars.org.



Mark Frisone, right, executive director of Family & Community Services (F&CS), dedicated the 200-foot radio tower located on the F&CS premises in Ravenna as the “James Aylward Memorial Tower.” With him is Bruce Saxe, brother-in-law of the late Jim Aylward.

Submitted photo

Kent Record Courier, Edition 5/2/2018

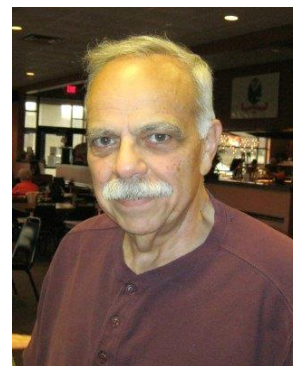
Antenna Special Interest Group

Tony, WA8AR

The June meeting of the Antenna SIG which would have been scheduled for Tuesday, June 19, is being *CANCELED* because we will be making final preparations for Field Day 2018, which will begin Saturday June the 23rd.

If you want a little practical experience constructing an antenna system then please volunteer for the Field Day antenna crew. We will be erecting five complete antenna systems in about two hours. No Experience Necessary, each station captain will direct construction activities. It will be a fun and educational exercise.

For more Information please see the Field Day announcement in this News Letter or a forthcoming QST message. The next meeting Antenna Special Interest Group is scheduled for Tuesday, July 17, 2018. See you all then.



Digital Special Interest Group

Rick, K8CAV

The Digital Special Interest Group will be meeting on Tuesday June 5th at 7:00 PM at the PCARS club site in Ravenna.

This month we will have a presentation on the fldigi macros written for the Field Day Flex Station. Immediately after, Jim AC8NT will be doing a presentation on FT8 as it will be used at the Field Day VHF Station.

As always, we'll also be available to help with any issues or questions you may have involving digital communications. Hope to see you there!



DX & Contest Special Interest Group

Chuck, W8PT

Hello to all the DXers and contesters. It's time again for a brief report on our last Special Interest Group meeting which was held on May 22.

Since it was only two days after Hamvention, I was not surprised that only a few made it to the meeting. I figured that quite a few of us who went to Dayton, had work to catch up on either the yard kind or the honey-do kind.

We had not scheduled any contesting in June from the club site because of the upcoming big event, namely **Field Day**, scheduled for the end of June, so we simply discussed what some of us saw or did at Dayton. We had a discussion regarding the new rigs shown at Hamvention and a brief discussion on antennas.

Our next meeting will be held on the 26th of June. There will probably be a lively discussion regarding our Field Day performance. So if you want to rehash anything, please attend. Please note that this is not to take the place of any After Action meeting that might be held by the Field Day committee. Of course, the Field Day committee can use this meeting as an After Action meeting if so desired. I'll leave this up to Tony, WA8AR our Field Day Chairman.

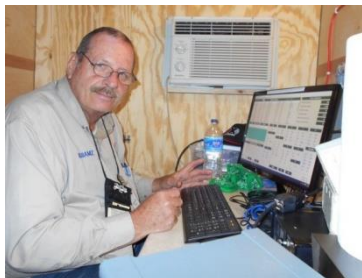


QRP, CW & Linux Special Interest Groups

Terry, KB8AMZ

CW/QRP SIG

Come one but don't come all. I don't think there is enough seating for all. Here I sit thinking about next month.



It's Field Day month, June, where we participate in 'it's not a contest' thingy. Our special interest group pertains to Morse Code and Low Power transmitting, both which have values in Field Day operation.

We can have another get on the air at the next SIG. I hope it goes better than the last one, where I was the only one that wanted to get on the air.

If you're not keen on using an iambic paddle key then bring your straight key. Sending speed is not important. Getting on the air, communicating with a contact is. You do not have to be a regular participant of this SIG to get on the air. You do have to be a licensed amateur radio operator.

The second Tuesday, June 12, 2018, could be your first time on the air. Please come to our SIG and give a try.



PCARS Thursday Net Control

Greg, KA8TOA
Net Control Coordinator

Thank you all for helping with this! Anytime you are unable to take the net, please give me as much advance warning as possible! **Check-in using the receiver located in Sugar Bush Knolls ~ 146.895 with a PL tone of 118.8.**

Don't forget - 4th Thursday is NET NIGHT at the Club Site !!

| June | |
|------|--------|
| 7 | WB2DFC |
| 14 | KE8BWA |
| 21 | K8CAV |
| 28 | K8IV |

| July | |
|------|--------|
| 5 | KB8UUZ |
| 12 | KE8BWA |
| 19 | K8IV |
| 26 | AC8NT |

The PCARS net is **BIG Fun** - tell your friends to check in via RF or EchoLink!

I am trying to get some new net control operators, anyone interested please contact me.

If you have not been a Net Control Operator for PCARS and would like to give it a try, *please* contact me at: grgory999@roadrunner.com

Everyone who is a club member is welcome to have a turn - and have fun being Net Control !

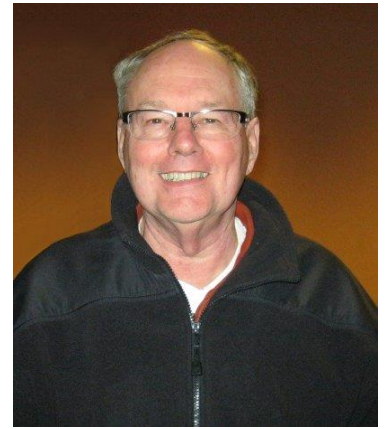
Net Operators: There is a **new** version of the Net Script (**new & improved**) and an updated version of the log sheet (with my e-mail address on it). You can find them on the PCARS web site in the Nets section. *Please* download them and use them. Also, remember to e-mail me a copy of the log for the club records and certificates.

If you have some issues and can't make it as net control see if you can trade with someone.

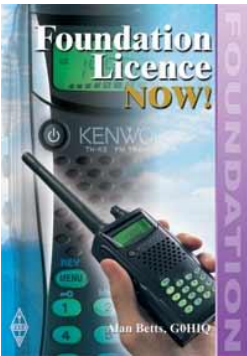


Becoming a Ham in Other Parts of the World

Jim, AC8NT



One of the greatest parts of our hobby is talking to people in a lot of different countries. We know we needed to study and take tests to become a ham, but what requirements did they need to meet. Recently I started looking at the requirements in different countries and found some of them very interesting. This month I will be looking at Britain.



Britain has three levels of ham licenses. The first is the Foundation class and is somewhat similar to our Technician. The second level is the Intermediate class with content about equivalent to our General and the highest level is Advanced which is their version of the Extra. All classes have about the same privileges as far as bands and frequencies that can be used. The main difference is the maximum power they can use. Foundation class is permitted to use 10 watts; Intermediate can use 50 watts; and Advanced can use a maximum of 400 watts. These are maximum peak envelope power levels. Also hams in Britain have a lot of frequencies that are used on a secondary basis, some that allow a maximum of 1-watt effective radiated power.

The most interesting difference between Britain and the US is in the Foundation license. As in this country, this license is designed to get hams on the air. However, they take a much more hands-on approach. First you must pass a practical exam. You are required to demonstrate making repeater, VHF/UHF simplex, and HF QSOs. You must also demonstrate you can assemble a station from component parts. This means connecting a transceiver, power supply, measuring devices (SWR meter) and an antenna into a working system. They even require that you be able to build and tune a basic antenna. Since the Foundation class can only use commercially manufactured equipment or an approved kit, this is designed to assure the ham can get on the air with minimal effort.

Another interesting requirement is to demonstrate a familiarity with Morse Code. This requires the applicant to send a short message at “any” speed. You are allowed to use a chart of codes for this transmission. You must also receive a short message at “any” speed. You can even write down the dots and dashes and translate them after the message is completed. This is designed to simply introduce code to all hams.

After completing the practical exam, you then are allowed to sit for the written 26 question test. It is basically made up of regulatory, safety and operations questions. All ham license written exams are complete using computers. When you have passed the test you will get your ticket in the post (mail).



The Intermediate exam also has a practical exam that requires you demonstrate skills in basic electronics. This includes a simple soldering project that involves using components discussed in the training material. After the practical test you sit for a 45 question written. Again, this is given on a computer and if you pass you can immediately start using your new privileges including increasing power to 50 watts. The Advanced (or Full) license is a 62 question written exam. Again by computer and privileges are available immediately after passing the test. Including using the maximum power of 400 watts.

I must admit I like the practical part of the exams. Talking to some British hams, most were on the air within a couple of days using either their own, or club equipment. Also everyone I talked to belonged to a club and used the club's equipment, often weekly. As a note, the technical requirements and knowledge for these licenses were very close to ours. The license guides were very close.

Next month I will be looking at more countries.

=====

If you plan to use your mobile while traveling in a foreign country. Remember: You are not allowed to operate unless you meet that country's visiting ham requirements. Also, to be allowed full privileges in most countries you should have an Extra class license. You are also required to follow the rules and regulations of that country while operating. Review the rules before you visit. Some countries require applying for a visiting license (i.e. Australia). Google licensing requirements for the country you plan to visit for more information.

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: **Amy, KD8SKL** or e-mail her at: KD8SKL@yahoo.com



PCARS
Join Now
Discover the FUN



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



From the Ohio Section Manager

Scott, N8SY
ARRL Ohio Section Manager



Hey Gang...

All I can say today is WOW.. The 4 days at Dayton just flew by for me and Janie. It was a spectacular time for both of us, and I will tell ya, we're both exhausted. Thanks so much for the DARA Hamvention® folks for all that they do for us. It was really fantastic to get to see and just say HEY to all of you there, and even though it rained a bit, it didn't seem to dampen the spirits of anyone that was there. **I also want to say Congrats once again to the folks of PCARS for being presented the Amateur Radio Club of the Year at Dayton. It's great having one of our own receive this coveted award!**

How's your training going? Let me know if you have any new course certificates, we'll want them for the statewide database. And, it doesn't always have to be about the NIMS training either. Don't forget that having Basic First Aid and CPR training is very valuable in the field as well.

Also, don't forget about the newest training out there, "Stop the Bleed..." This one is really good, and it's something that you can use no matter where you are. These courses are not only useful for you in the field, but you'd be surprised how they can help you around the house as well. Remember, most accidents happen within 25 miles of you home! And YES, my accident last year happened within that 25-mile radius. You need to be prepared!

Website updates.. There's really nothing to post this week about updates. Things were so hectic with preparing for Dayton that there really wasn't much to post. Now, for all of you that did get your new DMR radios, and there was a lot of you that stopped by and told me that you did, don't forget that you need to have a DMR/MARCS I.D. before you try getting on the air.

Ok, I want to update you on the NIMS count. Here's the figures as Jim, W8ERW has given them to me. Members in the database – 939; Active members – 906; Members NIMS complete – 697; Total courses logged - 6,521; 2017 training courses – 780; 2018 training courses – 347. I'd say that's mighty impressive, wouldn't you?

We're only 3 away from hitting that 700 mark and giving away another ARRL ARES Vest! Let's get the 700th person registered!!

That's going to do it this time around... I'll catch you on down the log for sure, and stay dry my friends, remember the **Dayton Hamvention® 2019 is only 360 days away!!!!**



Rick, KD8WCK

Sylvester's title: Instructables for Hams Chapter 10, Guy Wires, EMF and the shielding effect of grapes.



Last last week I got a text from Andrew, KE8BWA that he was looking at Monday's weather and thought he would take a vacation day to play radio at West Branch. He persuaded Sylvester, KD8GGN to bring the monster magnetic loop antenna that he has been working on, for a field test. And I tagged along to see the fun and learn something.



We met a little before noon at the meadow near the boat launch and mountain bike trail, where we had set up once before. Sylvester brought the mag loop, snacks and his IC-7200. Andrew brought his KX-2, a kite and a long wire to try with the kite. I brought Norka root beer.

The mag loop setup was very quick, a one-man job, and we set to work with the KX-2, Andrew calling CQ on phone, and then switching to BPSK-31 which he operated via an app on his cell phone, USB-connected to the radio. Later he switched to using the IC-7200 with Olivia 4/250 and a laptop computer running Linux. He had an extended QSO with N7CCD in Deer Park Washington.

We learned several things. The photo shows some real no-nos. The loop antenna has a high wind load so Rick was holding the tripod to stabilize it. Probably not wise when we went from 10 watts on the KX2 to 100 W on the IC-7200, might have got a nasty RF burn if accidentally touched the copper flashing. We learned that the antenna needs to be guyed because of the wind load. We learned that on 20 meters the signal is radiating in the plane of the loop. We learned that the wide copper flashing and the large tuning capacitor provide pretty decent bandwidth on 20 meters.

Background noise at the park is very low and we were able to hear signals from Costa Rica, Germany and Italy very clearly. We were not able to work those stations at 10 watts. Later in the evening I saw on the pskreporter.info map that we were heard in Texas, as well as our Washington State QSO.

We learned that the winds were too variable that day to try lifting the long wire with the kite, but the kite flew well enough to make us think it might be feasible on a windier day.

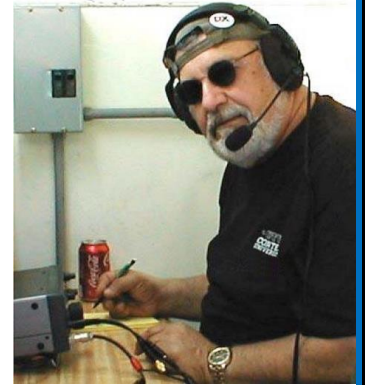
We experimented with eating seedless grapes to evaluate the shielding effect to the person holding down the antenna, but results are inconclusive.

It was a great 3 or 4 hours outside on a beautiful day. I'd encourage you to get out in the field to play on some of these gorgeous days, even if just practicing setup and teardown on your portable equipment.

And oh, the mag loop is a real attention getter, it drew people for conversation too. We got to talk up amateur radio to some people who didn't know much about it. A good time!

Charlie the Tuner's HF High-Lites

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



Hello to all PCARS DXers:

For those who could not make it to Day-Xenia, as some are calling Hamvention, you missed a good one. Yes it rained off and on, but hey, this is Hamvention. The vendors were there with new rigs and I have to say, those who like Yaesu, there will be a big surprise coming soon. They will be launching a new rig, the FTDX-101D – HF/50MHz, 100w xcvr. It is a true SDR with touch screen technology in full color. It will also have a true second receiver and the main control knob will be used for both receivers by the touch of a button. It might take the place of the FTdx5000 but no one knows yet. Price???

Kenwood also revealed a new rig, the TS-890S. Both rigs were there but under glass bubbles so one could not play with them. But both will give the Icom IC-7610 a run for its money and I am betting on the Yaesu if it lives up to its promises. You can reserve both of these new rigs on-line at DX Engineering now!

If you have never been to Dayton, then I will tell you to save up some green stamps and make plans to go next year. You will not regret it and you will remember the experience for a long, long time. If nothing else, you will probably run into Hams from other countries that you have talked with and will be able to pick up your QSO eyeball to eyeball. It's a real trip.

Speaking of DX, let's take a look at what will be happening in the coming months. And don't forget that the ARRL International Grid Chase runs during all of 2018. Please see May *QST*, page 83, the ARRL and WA7BNM Contest web sites for details.

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, AB5K & the AR TelNet Clusters Network, NJ1Q & W1AW, W2VU & CQ Communications, NG3K & ADXO, W3UR & The Daily DX, AK5Q, AA6RE, K8GI, K8YSE, W8GEX & 60m DX News, DL1SBF, DL7UXG & The DX News Letter, DxCoffee.com, DXNews.com, DX-World.Net, ES1CW, F5NQL, F6AJA & Les Nouvelles DX, I1JQJ/IK1ADH & 425 DX News, I2MQP & DX Italia News, OZ6OM & 50 MHz DX News, Sixitalia Weekly, VA3RJ & ICPO and VE3VEE for the following DX information.

And as always, this report "could" contain "Pirate/SLIM" operations or more likely a "BUSTED CALLSIGN". As always, you never know, so..... - ***Work First Worry Later***".

PLEASE NOTE: The fact that donation requests from various DXpeditions are at times included in this column, does not mean that PCARS or this HAM approves or disapproves of donating to the DXpeditions listed. I am only providing information for you to make up your own minds as to whether or not to donate.

5U, NIGER. Torbjon, SM7RME, is expected to be active as 5U7R from Niamey. The length of his stay is not known. Activity will be during his spare time on various HF bands. QSL via SM7EHU.

AP, PAKISTAN. Marvin, VE3VEE, reports that he heard some people still need Pakistan for ATNO (All Time New One). He adds [edited], "There hasn't been much activity on SSB and CW from AP-land, but they seem to enjoy the new FT8 mode. Daily I have seen at least one or two AP2 stations on 14.074 MHz in the past few weeks. These four have been

active often: AP2MQ, AP2AM, AP2HA and AP2NK. I have worked AP2AM and AP2MQ recently. Both use LoTW. One of them confirmed the QSO within a half a day, and the other took a week or two. If you need Pakistan for ATNO, you may give 20m FT8 a try."

FO, FRENCH POLYNESIA. Walter, HB9XBG, will be active as FO/HB9XBG from Bora Bora Island (OC-067) between June 7-17th. Activity will be on 20 meters SSB. QSL via his home call sign.

H4, SOLOMON ISLANDS (Update). Haru, JA1XGI, will be active as H44XG from Honiara, Solomon Islands, between June 21-27th. Activity will be limited due to business/holiday style on 40/30/20/15/10 meters using mainly CW, sometimes FT8. QSL via his home call sign, direct, by the Bureau, ClubLog OQRS or LoTW. For more details and updates, see: <http://island.geocities.jp/h44xg>

HL, REPUBLIC OF KOREA, HL. Special event station HL50IARU is QRV until the end of October 2018 to celebrate the 50th anniversary of IARU Region III.

JW, SVALBARD. Erik, LA2US, will once again be active as JW2US from Bear Island (IOTA EU-027) for the next 4 months. Activity will be limited to his spare time and he will operate on various HF Bands mostly CW at the lower band edges and IOTA frequencies. Also, on this trip he will be on BPSK, FT8 and RTTY. Equipment is a FT-450D, Signalink USB, Expert 1K-FA and a OCFD antenna. QSL via ClubLog's OQRS, LoTW or eQSL.

OM. SLOVAK REPUBLIC, Members of the radio club Horec are QRV with special event call OM75TESLA until the end of the year to commemorate Nikola Tesla's death 75 years ago. QSL via OM3KHT.

S590, SLOVENIA (Special Event). Special event station, S590RTVS, active since March 1st and will continue to be active until Dec 31st. Activity is a special promotional call sign celebrating 90/60 years of the public institution Radio and Television of Slovenia, and operated by the members of the Radio Club Cerklje (S50E) and their section Kricac Ljubljana (S59DRL). QSL via S50E. A special S590RTVS QSL will be confirmed for each contact via the QSL Bureau in early 2019. The log will also be uploaded to LoTW and CLUBLOG. For more information, updates and useful links please visit Radio Club Cerklje (S50E) Web site at: <http://www.s50e.si> Also, view QRZ.com for more details.

SU9, EGYPT. Nacho, EA1AK/EA7TN, active as SU9JG from Gezira Is., in the Nile River, near Cairo (Zone 34). FT8 on 30/20/17/15/10 m. QSL via LoTW or EA5GL. Check QRZ.com for more details, especially for QSOs on FT8.

VK. AUSTRALIA, Special event VI50IARU3 is QRV until Aug 31 to celebrate 50th anniversary of IARU Region III.

ZA, ALBANIA. Walid, SP7IDX, will be active as ZA/SP7IDX from Vlore (WW Loc. JN90rk) between August 5-12th. Activity will be on 40-10 meters using SSB and the Digital modes. Equipment will be a Flex 6300ATU, Maestro, Arlan Communications RG50SL, Hexbeam, HyEndFed 30/40m and portable Alpha EZ 2.0. QSL via the Bureau (PZK 03) or direct (w/2 IRCs or 2 USDs to cover his mail costs). QSLs without SAE and return postage are answered via the Bureau). NO eQSL. All contacts will also be uploaded on a regular basis to LoTW and ClubLog.

IOTA NEWS.....

AS-073. Luca, IK2PFL, will once again be active as 9M2/IK2PFL from **Perhentian Kecil Island**. This time, during the RSGB IOTA Contest (July 28-29th), as a Single-Op/Island-DXpedition entry. Activity outside of the contest will be holiday style on 30-10 meters (possibly 40m) with a focus on the 30/17/12 meters using mainly CW. QSL via IK2PFL, direct or by the Bureau. For more details and updates, see: <http://www.stellemare.eu/wordpress/amateur-radio>

EU-046. Walid, SP7IDX, will be active as LA/SP7IDX from **Vannoya Island** between June 7-20th. Activity will be on 40-10 meters using SSB and the Digital modes. QSL via his home call sign, direct, by the Bureau or LoTW.

EU-120. Eddie, GM0KLS, will be active as G0LKS from **Holy Island** during the RSGB IOTA Contest (July 28-29th) as a Single-Op/12-Hrs/ High-Power entry. QSL via his home call sign.

EU-125. Operators Dirk/DD5KD and Frank/OE9KFV will be active as 5Q6D and 5Q9F, respectively, from **Rømø Island** between June 30th and July 7th. Activity will be on 80-10 meters using CW, SSB and the Digital modes. QSL via OE9KFV, direct, by the Austrian QSL Bureau, LoTW or ClubLog.

EU-165. Max, I0PNM, will once again be active as IM0/I0PNM from **S.Pietro Island**, Sardinia, between July 20th and August 20th. Activity will include the RSGB IOTA Contest (July 28-29th). Operations will be on 40, 20, 15 and 10 meters. QSL only direct to I0PNM.

Sorry for the short list this time but that's all I have for the coming month plus a few months out. Warm up the air waves and work some DX. Until next month, vry 73.

Contest Calendars

| June 2018 | |
|------------------------------------|---------------------------------------|
| Contest Name | Times - Date |
| 10-10 Int. Open Season PSK Contest | 0000Z, Jun 2 to 2400Z, Jun 3 |
| ARRL June VHF Contest | 1800Z, Jun 9 to 0300Z, Jun 11 |
| ARRL Field Day | 1800Z, Jun 23 to 2100Z, Jun 24 |

YES - There are MANY More Contests out there - Check the internet.

Keep the following dates open - K8BF will be contesting from the PCARS club site.

Check the PCARS web site for up-to-date details from Chuck, W8PT.

| Contest Name | Times - Date |
|-----------------------------|---------------------------------------|
| NA QSO Party - RTTY | 1800Z, Jul 21 to 0600Z, Jul 22 |
| Ohio QSO Party | 1600Z, Aug 25 to 0400Z, Aug 26 |
| California QSO Party | 1600Z, Oct 6 to 2159Z, Oct 7 |



I saw this picture from Hamvention® 2018 - the caption I thought of right away was
“Full Capacity”



DX Engineering Catalog Cover & PCARS

It's pretty much a tradition to have the PCARS Black Squirrel somewhere on the **DX** Engineering Catalog. It really doesn't mean anything to those that don't know about it and I would bet that the majority of people that look at the cover never spot the squirrel, or if they do see it, even wonder why the squirrel is there. **DX** Engineering not only has many PCARS members, but they really do support our club in many ways. So when you see a **DX** Engineering employee (even if they are not a PCARS member), please say "Thanks". This new issue of the catalog cover has more than one PCARS Black Squirrel - Can you find them?

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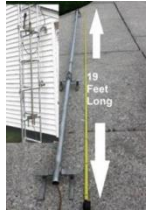
Field Day Fever!

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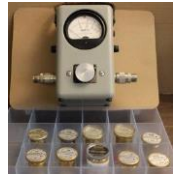
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Butternut Antenna | Clifton Laboratories | Comtek | TransWorld Antenna

Swap-N-Shop

FOR SALE: Gin Pole - 19 Feet Long - This is a commercial "Gin Pole" made by a Tower Manufacturer from the 70's & 80's. It is 19 foot total length and has a 5 foot aluminum sleeve in the middle for strength to make it this long and rugged! Works great with ROHN 25G, 45G, 55 G, plus all the towers this manufacturer made. The gin pole hangs on the rungs and the "top" hanger is adjustable up to 6 foot from the bottom hanger. More pictures available. \$800



FOR SALE: Bird 43 with 10 slugs - Bird 43 with SO-239 adapters and shorting slug. Includes 10 Bird slugs listed below, will not separate PRICE: \$500 for all, 2-30 MHz - 500 watt, 25-60 MHz - 100watt, 50-125 MHz - 50watt, 100-250 MHz - 25watt & 100watt, 200-500 MHz - 5watt & 100watt, 400-1000 MHz - 5watt & 50watt, 800 - 950MHz - 800-1watt.



Contact Jeff, WA8SAJ at: 440-951-6406 [09/02/18]

FOR SALE: MFJ-976 Tuner - excellent condition - very wide matching range: 12 to 2000 ohms and a freq.y range of 1.8 - 30 MHz, continuous. The power rating is 1500 watts PEP SSB and CW. Peak average forward power, reflected power, and SWR are displayed on the illuminated cross-needle meter.- New \$499.95, will sell for \$325

Contact Chuck, W8PT at: chuckw8pt@gmail.com [09/02/18]

FOR SALE: West Mountain Radio RigBlaster (M8). Excellent condition, original box/manual/CD/cables/etc. Works perfectly. \$15

25ft LMR-400 w/PL259/UHF Male x 2. DX Engineering part #DXE-400MAXDX025. \$20

FOR SALE: Foot peddle switch - 1/4 phone plug, 5 foot cord, used but good condition. \$5

FOR SALE: Heathkit AM-2 SWR Bridge - Covers 160m-6m, 1kW or more. It is a simple meter and works well. I replaced the original variable 50k pot. Good condition. \$15

Contact Gene, W8NET at: w8net@me.com Or call/text: 330619-9194 [09/02/18]

FOR SALE: Package deal - If you're looking for a complete, no-tune 500-watt mobile (or home) station, this is it. All equipment is in excellent condition and worked the last time I put it on the air. If you want to use it as a home station, you'll need 2 additional separate power supplies (not included) to get on the air. I cannot sell separate pieces; all of the following must be sold as a package:

- ICOM 706mkIIg** (s/n: 1511093) with hand mic+ remote head connecting cord
- SG-500 amplifier**, fully transistorized, with SGC cooling fans attached (purchased in 2008; S/N 52963558)
- Tar Heel Model 40-A mobile antenna**, 1,000 watts capability, w/ 6-foot whip; works 40 through 10 m
- Ameritron AWM Mobile SWR/Wattmeter**
- Ameritron ARB 704 Interface Buffer**
- TuneMatic Model TM-1 Automatic Motorized Antenna Controller**

Total purchase price = \$1,790.00, payable in cash or bank check. Purchaser must pick up or pay shipping. The only reason I am selling is that I downsized my vehicle, and there is no room in my new one for all of the gear.

Contact Jack, K8HGX at: 330-995-0506 or email to: jack@alpernlaw.com [06/02/18]

FOR SALE: 13 ELE 2 Meter Yagi - it has a 15' boom, with a "T" reflector at the end. Speaking to the folks at Cushcraft, they were confident that this is an early version of the A13B2 They said the specs should be similar to the current version. (<http://www.cushcraftamateur.com/Product.php?productid=A13B2>). The only difference is that the new versions don't have the "T" reflector. Asking \$75. It will be at the Cuyahoga Falls Hamfest if not sold by then.

Contact John, KD8MQ at: 330-936-5021 or email to: KD8MQ@gmail.com [07/02/18]

FOR SALE: AMERITRON AL-82 LINEAR AMPLIFIER - \$1,450 With a pair of Eimac 3-500Z Tubes, puts out 1500 W with 100 W drive. Good Condition, wired for 240V, 160 through 10 meters including WARC bands. Weighs 80 pounds. Prefer local sale, can deliver up to 50 miles.



FOR SALE: YAESU FT-1000MP TRANSCEIVER - 100 W - AC VERSION - \$950 Excellent condition, Loaded with the following filters: Has Optional Roofing Filter. 8,215 IF Optional Filters:



500Hz, 2.0 KHz, 2.4 KHz, 6.0 KHz 455 IF Optional Filters: 250Hz, 2.0KHz, 2.4 KHz, 6.0 KHz Includes manual and hand microphone.

FOR SALE: TEN-TEC CORSAIR TRANSCEIVER - 100 W WITH MATCHING POWER

SUPPLY / SPEAKER COMBINATION \$200 Good Condition - superlative full break-in CW performance - good starter radio. Has optional narrow SSB and CW filters. Includes manual. Will not sell transceiver without power supply.



FOR SALE: HAMMARLUND HQ-129 VINTAGE RECEIVER - \$100.00 Good Condition commensurate with its age, fully functional. Completely re-capped, re-tubed and re-aligned 10 years ago.



FOR SALE: KENWOOD TS-440, 160 through 10 meters, including WARC bands (bot not 60 meters), narrow CW filter, excellent condition in original box. I am the original owner - recently serviced and aligned, good HF starter station, \$200.00



Contact George, K3GP at: 330-829-9504 after 6 PM Weekdays or Weekends [09/02/18]

WANTED: Junker D.B.G.M Telegraph Key Have a Junker D.B.G.M telegraph key laying around collecting dust? For the right price I would like to buy it.



Contact Terry, KB8AMZ at 330-221-0169 or by e-mail at: hooked2u@neo.rr.com [07/02/18]

For Sale or Want Ad policy reminder: This is a PCARS **members only benefit**. Please don't ask to list items for a friend, relative or SK estate unless they are a member of PCARS. Requests come in from all over the USA (and beyond) to list items for sale or wanted items and we just cannot dedicate that much space to non-members. Listings are good for 3 months unless canceled or changed earlier. The date listed after the contact information tells you when the ad expires - example: [06/02/18] indicates the ad will run until June 2, 2018.

LED Light Information

At the May PCARS meeting, **Jeff, WA8SAJ** gave a talk on LED lights. As a follow up, he wanted to pass this information on to all of those interested:

Cree, Inc. : cree.com Cree provides a 10 year warranty and has been one of the first to have LED's that are as close to normal incandescent lighting as possible. Sold by: Home Depot, amazon.com, 1000bulbs.com, build.com.

For the 10 year warranty, use the telephone and you will get someone that will be glad to help and they are very helpful in the warranty process and are in Durham, North Carolina USA! 866-924-3645 or 919-287-7888

100 watts = 16.5 watts 1650 lumens soft white 75 watt = 11.2 watts 1130 lumens soft white

60 watt = 9.5 watts 815 lumens soft white 40 watt = 5.5 watts 465 lumens soft white

3-Way lamp (30, 50, 100) watt = 3 - 7 - 16.5 watts (320, 820, 1650) lumens soft white

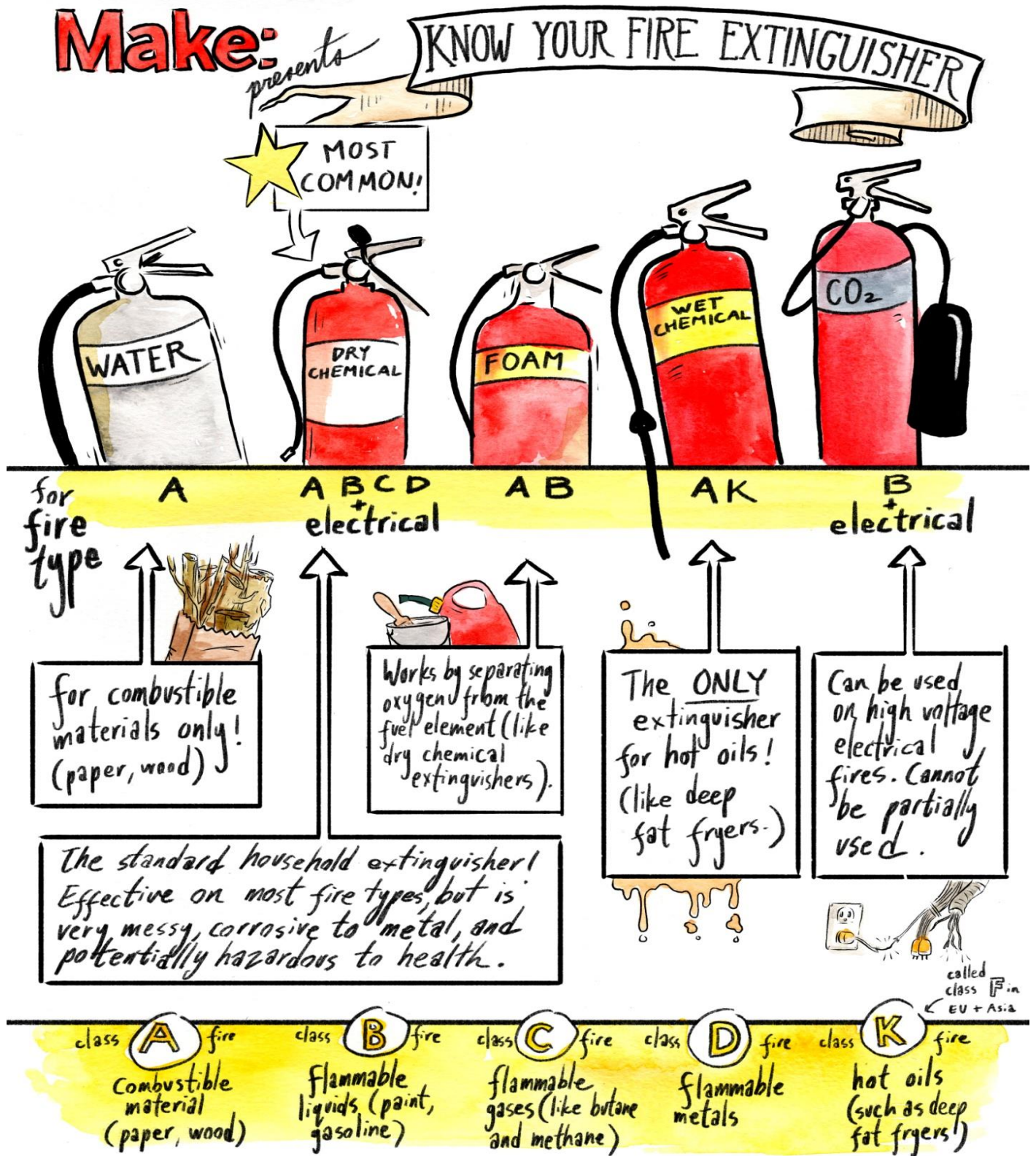
LED Strip Lights - Magnetic LED Strips | ELEDLights eledlights.com Telephone number: 888.745.6266 or 215.355.7200 ask for Landon and mention my name Jeff Covelli. This company has many sets available and by calling on the telephone, which proved to be the best way to get a good price for ordering. The magnetic sets that they sell will replace everything inside a 2, 4, or 8 foot fluorescent steel fixture. In 10 minutes you will use a single 2-set 5000 lumen (brightness) 4000K (white color) that will replace a 4 bulb 4 foot light assembly for around \$40 complete and have a 5 year warranty and only use 32 watts total compared to 160 watts!

LED Flashlights, Lanterns & Night Lights Mr. Beams: Local company manufacturing many assortments of battery LED lights, also great videos. mrbeam.com (877) 298-9082 600 Beta Drive, Ste. 100 - Mayfield Village, OH 44143 Many lights to pick from for the house, garage, camping, etc and they are in many stores, plus they ship free over \$50. Very good videos on most products.

Brightguy Flashlight Store: brightguy.com 38205 Stevens Blvd., Unit B - Willoughby, OH 44094 Phone 440-942-8318 or 888-881-1908 These folks are located across the rail road tracks on the North side at the corner of Erie St & Stevens Blvd in Willoughby, Ohio. The building is brick looks like a house on the left side with over 500 flashlights to pick from. I have the NEBO lights along with the Stream Light lantern. Free shipping over \$50. Very good videos on most products.

Fire Extinguisher Information

Take a moment or three and familiarize yourself with the humble fire extinguisher. Did you know that there are multiple types of extinguishers available? That the one you want in your kitchen might be different than the one(s) you want in your shop? Here is a handy guide, illustrated for us by the wonderful Shing Yin Khor.



Thanks to: SHING YIN KHOR - Installation Artist and Cartoonist - <https://shingkhorr.com/>

DX Engineering Catalog Cover & PCARS

ANSWER - There are **THREE** PCARS Black Squirrels. Did you find all three??



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PCARS Ham 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 PCARS club station.

We have 67 PCARS member's ham 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. 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 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.

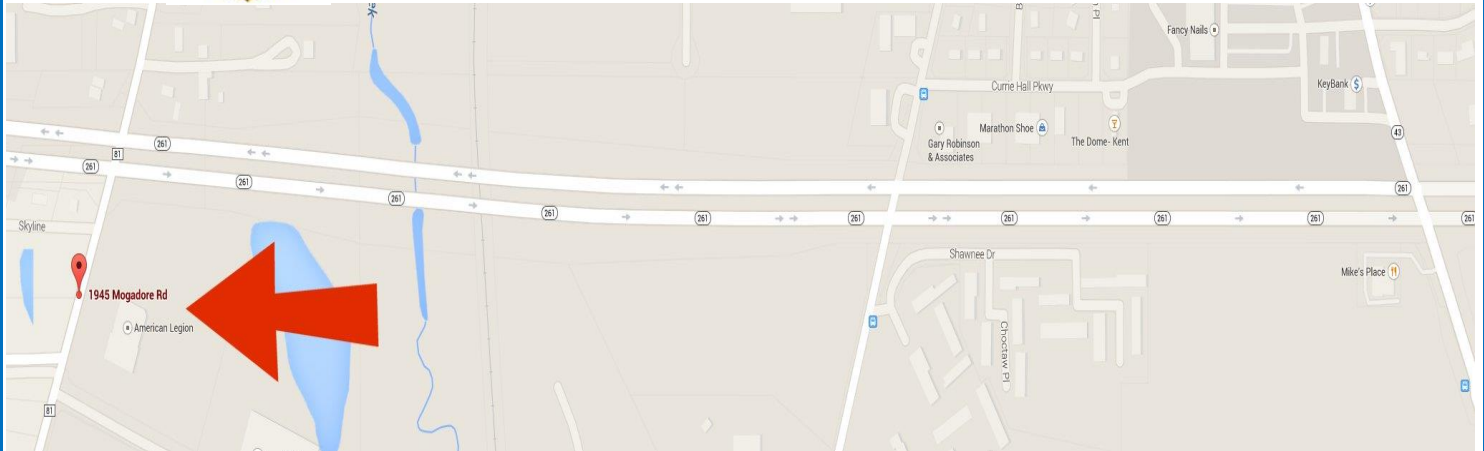


PCARS Meetings

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

Photos from the PCARS Meeting in May





PCARS May 14, 2018



PCARS - May 14, 2018

Important Days in June

1st June, 2018 will be... Doughnut Day

Everyone loves donuts, there's something about that delicious deep fried treat that brings a smile to everyone's face. Donut day celebrates this wonderful treat, it's history and a special holiday brought into being to honor a special group that arose during World War I. One of the little-known facts about the Donut is exactly what that well-known shape is called, read on, and maybe you'll find out!

History of the Donut Day

The history of the donut isn't clearly known, but what is known is that their iconic look started making an appearance in the United States in the mid-1800's. Rumor has it a gentleman by the name of Hanson Gregory invented them, out of a distaste for the undercooked centers and greasiness of the existing shapes and options. The shape was said to be obtained by punching a hole in the center with a tin pepper box.

There are many varieties of donuts outside of that most commonly known, including twist donuts, fritters, and the hugely varied and popular filled donut. Filled donuts come in a huge variety, including the very popular Devil Dog, a chocolate covered delight filled with a rich cream. Glazed donuts filled with all sorts of delicious fruit, with raspberry being a runaway favorite throughout the world, and lemon filling being an equally popular.

How to Celebrate Doughnut Day

Doughnut Day came to pass, in part, due to the efforts of a doctor in the military in the first World War who sought to brighten the day of the wounded soldiers he worked on. On his first day to the Military Base, he purchased 8 dozen doughnuts and gave one to each soldier he worked on.

After giving one to Lieutenant General Samuel Geary, who received it with great mirth and appreciation for the doctors



work, Samuel decided to start a fundraiser, letting the young doctor, Morgan Pett, to continue to provide doughnuts to his patients.

The Salvation Army sent 250 volunteers to France to help put these huts together, which soon became a mainstay of military life. One record of a day in the huts recorded up to 300 donuts and 700 cups of coffee being served as part of their service. Due to the majority of the workers being female, the Salvation Army workers started to be known as “Doughnut Dollies.”

A great way to celebrate Donut Day is to volunteer to help this amazing organization on the day they’ve held for years in support of our armed forces. Just a few hours of your time or a donation towards their organization will ensure they continue to be able to do their good work the world round!

=====

10th June, 2018 will be... Iced Tea Day

“Iced tea is too pure and natural a creation not to have been invented as soon as tea, ice, and hot weather crossed paths.” ~ John Egerton

On a hot summer day, there’s nothing that quenches the thirst and fosters relaxation quite as much as a frosty cold glass of iced tea. While hot tea is delicious and certainly an excellent beverage for most situations, it’s purely inappropriate for picnics, and it only stays hot so long. Sweet tea is one of the most popular beverages in the deep South, but it’s just one example of the variety that can be iced tea.



History of Iced Tea Day

While recipes for Iced Tea go back as far as the 1870’s, it wasn’t until 1904 that it exploded in popularity. This was due in no small part to the World’s Fair and the heat of the summer that was baking it. Iced Tea was being served, and the fair goers were drinking it en masse, and in almost no time at all, it was being served in tall glasses so well known for this purpose that they were called iced-tea glasses. You know a drink has truly come into its own when special utensils are made for its preparation, and it wasn’t just the glasses, iced-tea spoons and lemon forks were developed to make its consumption both easier and more satisfying.

How to Celebrate Iced Tea Day

The best way to celebrate Iced Tea Day is with a frosty glass of iced tea! But given that you’ll be enjoying it on a special occasion, why only work with one? Instead, you can prepare a positive banquet of delicious iced teas. Peach Iced Tea, Mango Iced Tea, Ginger Lemon, or just an old fashioned sweet tea like they can only make in the south, there’s simply nothing like it. Why not try to come up with your own combination?

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12th June, 2018 will be... Peanut Butter Cookie Day

Most people are familiar with peanut butter for use on sandwiches, while peanut butter cookies are yummy snacks that can be enjoyed any time but especially on Peanut Butter Cookie Day.

The ancient Aztecs and Incas made a paste by mashing roasted peanuts, and that was the first known peanut butter. Peanut butter cookies have been popular since the early 1900s, and in 1913 the wife of the 28th US President, Woodrow Wilson, published a list of her cookie recipes including one for Peanut Cookies that used peanut butter.



To promote peanuts in 1916 a bulletin called “How to Grow the Peanut and 105 Ways of Preparing it for Human Consumption” was released that included 3 different recipes for cookies.

Celebrate Peanut Butter Cookie Day by baking your own cookies using a traditional recipe – make sure to put traditional crisscross fork marks on top – then enjoy eating them with friends and family.

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14th June, 2018 will be... Flag Day

While the Fourth of July has become an all-round celebration of US life, Flag Day has kept more of a local character, with traditions rooted in the township or the county, the city or the state capital. And much more than for family festivals, it feels right to be celebrating it with your team, club or class. Every year, millions of people discover their inner Betsy Ross and make their own versions of Old Glory, in everything from stained glass to potato prints to rows of flowers. The men who adopted the first flag, way back in 1777, could hardly have imagined it. Three cheers for all things red, white and blue!



15th June, 2018 will be... Beer Day Britain (let's celebrate with the British!)

On June 15th, it's Beer Day Britain! Which, as the name would suggest, is the day when all Britons raise a glass and say cheers to beer.

Surely one of the country's favorite drinks, there's nothing much better than sitting back on a sunny afternoon with a nice ice cold beer. And on June 15th, it's time to celebrate everything great about beer – from the fascinating process of brewing it to the fun of drinking it.



The History of Beer Day Britain

Beer has such a rich and vibrant history, we can't possibly do it justice in just this one article. As arguably the oldest alcoholic drink, it's an absolute favorite not just in Britain, but worldwide.

Beer is made by brewing, a process which requires fermenting cereal and water with yeast. There are plenty of traditional methods of doing this, and ancient records suggest that humans have been brewing since around 6000BC.

Beer Day Britain sees pubs and brewers across Britain taking part in beer-based festivities for the weekend, just before Father's Day.

June 15th was chosen for Beer Day Britain because the Magna Carta was sealed on this date, way back in 1215. In it, article 35 states 'Let there be throughout our kingdom a single measure for wine and a single measure for ale and a single measure for corn, namely the London quarter' – proof that ale was just as important back then as it is today!

Author and beer aficionado Jane Peyton started up Beer Day Britain, and thanks to her this day has the support of the biggest organizations in the beer industry of Britain. So that's even more reason to take notice of this day!

How to Celebrate Beer Day Britain

There's plenty of ways to celebrate all things beer, and it isn't all necessarily to do with simply drinking it!

If you are a brewer, get involved by brewing a special beer just for the occasion, host an event in your brewery and jump on the social bandwagon by tweeting and Facebooking about the day!

Pubs can join in by hosting special events to honor the day, or perhaps offer up a selection of beers for tasting. Offering matching lunch items could be a great idea, too.

And if you're simply in it as a punter, today is the day to try out the beers you haven't tasted yet! Who knows, you could end up finding yourself a new favorite tipple. Cheers!

22nd June, 2018 will be... Onion Rings Day

They're rich and crisp and delicious, surprisingly sweet for a flavor so often related to being spicy and the source of tears. But something about the process of breading them in a flavorful coating and deep frying them in a vat of oil brings out the delicious flavors hidden inside. They come in towers and flowers, giant sized and tiny, and they're a favorite at burger joints all over the world. That's right, we're talking about the onion rings, and Onion Rings Day celebrates this delicious treat and its long history.



History of Onion Rings Day

The origin of the Onion Rings is actually somewhat mysterious, but we do know that in 1802 a recipe was published in "The Art of Cookery Made Easy and Refined". This recipe describes a process of dipping ½" Onion Rings s dipped into a rather flavorful mixture of flour with creams and cheeses and then boiling them in a vat of lard. Following on the heels of this was a suggestion to serve it with a sauce made of a mixture of mustard and butter.

Since then there have been many refinements of the Onion Rings recipe, with a great debate existing on the proper method and what brings out the best flavor. There are hundreds of recipes involving different mixtures of batter to coat them in, different sauces to dip them in, and even the type of onions you use to prepare them.

How to celebrate Onion Rings Day

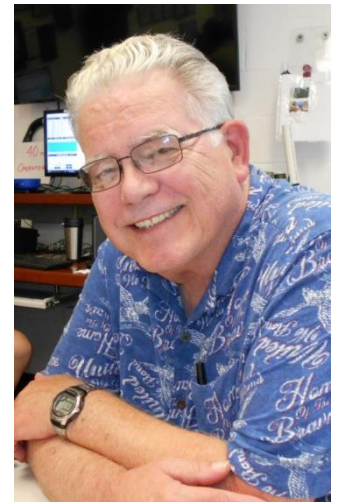
Onion Rings Day is your opportunity to get out there and enjoy your favorite deep fried savory treat. They're simple to make at home, and while a deep fryer is great, it isn't essential in their preparation. There are even baked Onion Rings s if you decide to go that way, but nothing beats the original. Just heat up a pan of oil until a small drop of batter starts to sizzle when dropped in, and then carefully submerge your coated Onion Rings s one by one and cook until a golden brown. There are dozens of recipes online that you can try, and even more recipes for sauces to serve them with. Happy Onion Rings Day!

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Thanks & 73



Parky, KB8UUZ
PCARS Newsletter Editor



All of our members (and others) look forward to getting this newsletter every month, so keep sending those inputs! I'm sure PCARS is known as the **BIG FUN** amateur radio club with plenty of activities. So chip in and send your report in to keep this newsletter great all throughout 2018 and beyond.

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

AC8NT, WA8AR, KB8UUZ, NQ1R, WB8LCD, WA8UWV, WA8SAJ, N8QZ, KE8EFG, K8CAV, K3GP, N8RLG, WX1DER, KD8MQ, W8PT, KB8AMZ, KA8TOA, N8SY, KD8WCK, Shing Yin Khor, Record Courier, DX Engineering, The ARRL and the World-Wide Web.

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



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

~ The Hamvention® 2018 "Club of the Year" ~

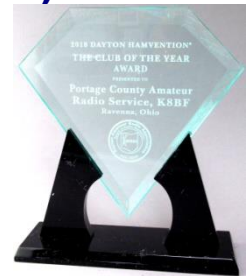


PCARS meets the second Monday of each month at the **Kent American Legion Post 496**.
1945 Mogadore Rd. - just South of Rt. 261 - enter the rear of the building for the meeting room.

Meeting starts at 7:00 pm - All are welcome to attend ~ Stop in and say hello!

PCARS uses the **K8IV** repeater: **146.895 MHz** PL 118.8 in Sugar Bush Knolls ~ EchoLink Node: K8SRR

Check PCARS out on the web: www.PORTCARS.ORG -or- www.K8BF.ORG



| ~ 2018 Officers ~ | | 2018 PCARS Appointments & Committees | |
|---|--------------------------------------|--------------------------------------|-----------------|
| President - Jim Wilson - AC8NT Vice President - Tony Romito - WA8AR Treasurer - Amy Leggiero - KD8SKL 3 Year Trustee - Ed Polack - K8IV 2 Year Trustee - Robert Gurney - N8RLG 1 Year Trustee - Erica Pelz - AE8YL Past President - Rick Kruis - K8CAV | ARRL Awards - DXCC WAS, VUCC, WAC | W8KNO | Joe Wehner |
| | ARRL Awards - WAS | KB8UUZ | Tom Parkinson |
| | Club Site Manager/Liaison | K8CAV | Rick Kruis |
| | Contest Coordinator | W8PT | Chuck Patellis |
| | EchoLink | K8SRR | Steve Randlett |
| | Field Day Chairman, 2018 | WA8AR | Tony Romito |
| | FYAO Chairman | W8PT | Chuck Patellis |
| | Historian | KB8SZI | Peggy Parkinson |
| | K8BF Callsign Trustee | K8FEY | Bob Hewett |
| | K8BF QSL Manager | K8FEY | Bob Hewett |
| | Membership Chairman | WB8LCD | Tom Sly |
| | Net Control Manager | KA8TOA | Greg Ash |
| | Net Night - Club Manager | WB8LCD | Tom Sly |
| ~ Meetings & Net ~ 2nd Monday of each month, 7pm Thursday night Club Net at 8 pm on 146.895 | Newsletter Editor | KB8UUZ | Tom Parkinson |
| | OSPOTA Chairman | KB8UUZ | Tom Parkinson |
| | Public Information Officer | WB8LCD | Tom Sly |
| | Secretary | WB8LCD | Tom Sly |
| | Tech, Gen & Extra Class Manager | AC8NT | Jim Wilson |
| | Volunteer Examiner Liaison | N8RLG | Robert Gurney |
| | Webmaster | KD8MQ | John Myers |



**PCARS
Active
Volunteer
Examiner
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| | |
|---------------|-------------------|
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| KB8UUZ | Tom Parkinson |
| WB8LCD | Tom Sly |
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| K8IV | Ed Polack |
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| WA8CCU | Al Nagy |
| NR8W | Russ Williams |
| W8EZT | Frank Tompkins |
| AC8NT | Jim Wilson |
| K8MSH | Mark Haverstock |
| KA8TOA | Greg Ash |
| KB3GXB | Jennifer Williams |



THE RADIOGRAM

PCARS Incorporated
Nov. 1, 2005

First Meeting
Nov. 14, 2005



ARRL Affiliation
April 20, 2006



Special Service Club
March 22, 2010

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The **RADIOGRAM** is published every month and only sent 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. Yes I know the cover says there is a cost, don't worry you won't get sent a bill or be hounded by bill collectors. Since this now looks like a magazine, I thought - what the heck, let's put a price on it. Every month it's listed in a different currency or an amount that means something else (ie: \$6.23 - June 23rd - FIELD DAY 2018!) just for fun. Send your newsletter inputs (in .TXT format) along with in-focus pictures (not small 50 kb photos) to the newsletter editor: KB8UUZ@gmail.com



NLC

