



# The **RADIOGRAM**

When All Else Fails ~ Amateur Radio Works



August 2010 ~ Official Newsletter of the Portage County Amateur Radio Service, Inc. (PCARS) ~ Vol. 5 No. 8

~ 2010 Officers ~

President - Jim Aylward - KC8PD  
 Vice President - Dave Rarrick - WB2DFC  
 Treasurer - Bill Fraedrich - WB9LBI  
 3 Year Trustee - Robert Gurney - N8RLG  
 2 Year Trustee - Ed Pollack - N8EQJ  
 1 Year Trustee - Chuck Patellis - W8PT

~ Meetings & Nets ~

2<sup>nd</sup> Monday of  
 each month. 7pm  
 Thursday nights  
 Nets at 8 pm  
 on 146.895

**PCARS Incorporated**  
 Nov. 1, 2005

**First Meeting**  
 Nov. 14, 2005



**ARRL Affiliated**  
 April 20, 2006

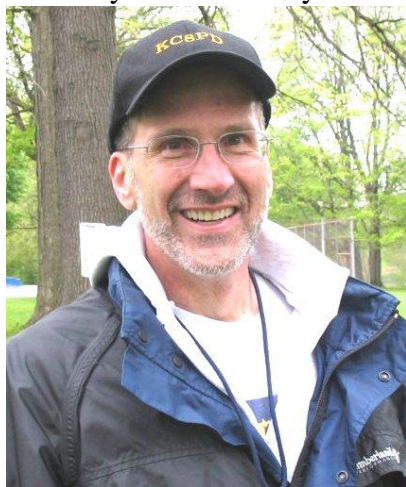


**Special Services  
 Club**  
 March 22, 2010

## President's Column

There has been so much happening since last month's newsletter it's hard to decide where to start. How about with Field Day?

This year's Field Day was an unqualified success. FD Co-Captains Bill, WB9LBI, and



**Jim, KC8PD**

Chuck, W8PT, did an excellent job of coordinating the event and achieved their goal of beating last year's score. Our total points were about fifteen percent above 2009.

But what may be even more important, our total attendance, PCARS members and guests, was over one hundred forty. To put that figure in perspective, in 2009 PCARS had the largest number of participants in the Ohio Section: sixty-five. This year we more than doubled that. In 2009 there were over 2,600 FD entries filed with the ARRL and only four of them had more than 140 participants.

This a terrific testament to both the high level of club member participation and the fact that PCARS goes out of its way to make its Field Day accessible to visitors and guests.

The PCARS Field Day site was an outstanding public display of amateur radio.

Something that made this year's FD a bit unique was the impromptu Volunteer Examiner session that was held on Saturday. There were visitors to the site who wanted to take the Technician exam and a VE team was pulled together and the tests were administered.

Our Field Day operation was also a perfect demonstration of one of the club's major goals: involving as many members in the activity and encouraging them to take on leadership tasks and responsibilities. All of the stations had new captains this year and I would like to thank each of them: Deron, N8XTH, Rick, K8CAV, Ed, N8EQJ, Bob, N8QE, Errol, KC8RJR, and Dave, WB2DFC. In addition we had James, KD8VT, with a 25KW portable power system that was incredible, and Robert, N8RLG, and his team who gave us a sumptuous Saturday night dinner and hearty Sunday breakfast.

PCARS will always do its best to make everyone, members and visitors, welcome to our meetings and activities and offering them the opportunity to get involved. So if you see something that the club is doing (or should be doing), step up, let us know, and we will put you to work on it. Everyone in PCARS is a potential leader for an activity or the club itself and everyone who wants the chance to participate will get it.

*Continued on Page 2*

## In This Issue of **The RADIOGRAM**

Amateur Radio Cruise-In, Flier	31
Club Member QSL Cards	22
Contest Calendar	21
DX is Out There	7
EmComm	10
Field Day - Sleep Deprivation	15
Field Day 2010: Big Fun, Big Scores	4
Field Day Picture Disks	25
Ham License Plates Wanted	24
Hamfest Schedule	14
Happy Birthday	3
Mark Your Calendars	5
Meetings, PCARS	25
Monitoring/Scanning	12
More Field Day Stats	7
Net (Thursday) Information & NCS Schedule	16
Ohio QSO Party	21
Ohio State Parks On The Air - Flier	32
Patches & Stickers, PCARS	19

PCARS Picnic	9
Picnic 2010 Pictures	17
Pictures - PCARS Field Day 2010	27
Pictures from the PCARS July Meeting	26
President, From the	1
Scout Camp Ham Radio Demo	11
Signs Stolen	14
Some Words from Weaver	19
Special Service Events	16
Swap-N-Shop	23
Tenth District ARES® Picnic	21
Thanks & 73	25
This One is for the Birds	12
Vanity Call Sign Fees to Decrease	24
VE Test Sessions	8
Vice President, from the	3
WB8LCD for Ohio Section Manager	6
Why I Enjoy PCARS	20
Yahoo Group	11

Visit the PCARS Website at: <http://www.portcars.org>



### *From the President - Continued from Page 1*

A lot has been happening at the club site this month including the work by Steve, K8SRR, and the others on the IT team that has been installing the computer network. It is up and running with all of the cabling completed for the stations in the radio room plus a wi-fi system. Next will be the server which, among other things, will enable us to host the club's web site and eventually offer remote operation of one or more of the radios.

The Tower Team has been prepping the tower sections for installation and Tony, KD8GBB, and John, N8GIE, are making repairs to the rotator. Ed, N8EQJ, is assisting with the installation design and Mike, KD8FLZ, has been leading the way on the tower preparations.

The PCARS picnic may have found a new home at the Ravenna VFW Post. There were favorable comments all around. Watch for us to be back there next year and maybe the weather will be a bit more favorable for volleyball or horseshoes!

Coming up: the Second Annual Mobile Radio Cruise-In on Wednesday, August 11th at the Ravenna A&W and the Ohio QSO Party with K8BF on the air on August 28th. Next thing you know it will be time for the Ohio State Parks On The Air on September 11th. Sounds like a lot of ham radio Big Fun!

73,  
**Jim, KC8PD**

## *From the Vice President*

Greetings all! It was certainly terrific seeing many PCARS members at the club picnic! What a great time.... and the food.... outstanding as well. And as it usually plays out, the certain few members who have a slightly tilted sense of humor, did their best to entertain. No one was disappointed.

The location was perfect as well. Modern, clean.... and waterproof (maybe not the floor). KUDOS to Jim, KC8PD, and others assisting with the finding and preparing of the shelter. It sure looks like PCARS has found a new home for the yearly picnic. And... if you didn't notice, a big wood burning fireplace stood in the corner. Hmmmm.... a winter picnic?

For our August PCARS meeting, guest speaker Jeff Covelli, will be talking about HF equipment restoration. Jeff has a significant background in electronics and RF. He also restores and services older tube HF ham radio equipment. Jeff's call is WA8SAJ and you can read a little about him at <http://www.vintagessb.net/wa8saj.htm>. Yes, the pics are of Jeff's many operating positions, almost all vintage equipment.



Jeff, WA8SAJ

Over the past several months, many members have made suggestions for meeting presentation topics. The suggestions usually included info on someone involved in the topic being suggested. First, thanks to those who provided the info, making my task a little easier. Second, if you have any suggestions for meeting presentation topics, send me an email with the name/phone number/email of anyone who might be a good candidate for a club presentation. I'll contact them and handle the rest.

Keep those cards and letters coming (really I mean shack shots and QSL cards). Send them to Parky, KB8UUZ. He will be sure to publish your pics! And, how about a short article for the newsletter. Several members have written very interesting articles recently.... they make for great reading!

See you on the air and at the next PCARS meeting.

72, 73 for now,  
**Dave, WB2DFC**

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## *Happy Birthday PCARS Members*

PCARS members having a birthday in August:

<b>AB8UD</b>	<b>Mike McDivitt</b>
	<b>Vee Ward</b>
<b>WD8RAY</b>	<b>Ray Woods</b>
<b>W8RJG</b>	<b>Ron Good</b>
<b>KB8TUY</b>	<b>Mike Ryan</b>
<b>N6TL</b>	<b>Randy Wilson</b>

<b>K8GI</b>	<b>Rick Patterson</b>
<b>KB8VJL</b>	<b>Al Atkins, Sr.</b>
<b>N8JAM</b>	<b>Ron McKinney</b>
<b>KD8JCY</b>	<b>Sandy Getty</b>
<b>KD8DFM</b>	<b>Irene Anderson</b>
<b>KD8CGH</b>	<b>Robert Benedict</b>

## Field Day 2010: Big Fun, Big Scores

In its first Field Day outing as K8BF, we completed **2,193** phone contacts, **452** CW contacts, and **24** digital contacts (Thanks, Rick!). Total points from QSO's: **6,290**.

From 2009, we increased our QSO points by **12%**, and increased our total score by **9%**. In the Bonus Points category, we achieved maximum points in all available categories, except for the GOTA station (where we had **40** points) and the Satellite contact, which we did not attempt based on our lack of success in previous years.

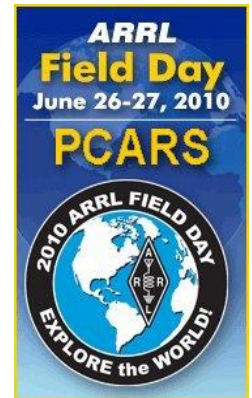
Total bonus points: **1,590**

***Our total score: 7,880 points***

Here is the point score breakdown:



BAND	CW	DIGITAL	PHONE
80 Meters	18	24	238
40 Meters	185	-	980
20 Meters	208	-	745
15 Meters	27	-	52
10 Meters	-	-	32
6 Meters	14	-	66
2 Meters	-	-	3
GOTA	-	-	77
<b>Total</b>	<b>452</b>	<b>24</b>	<b>2193</b>



**37** different operators logged in. Here are the Top 20 Operators.

K8BF - TOP 20 OPERATORS							
Call	Points	Call	Points	Call	Points	Call	Points
N8EQJ	505	N8OQQ	126	WB2DFC	83	NX8G	51
W8PT	300	N8XTH	115	N4IT	73	N8RLG	51
K8SRR	225	K8MSF	113	K8AAB	70	W8HFY	47
WB9LBI	133	K8CAV	95	WD8DAU	64	KD8FLZ	43
KB8AMZ	127	KC8PD	90	WB8LCD	53	KD8DFL	39

Chuck and I are extremely pleased to note the following significant events:

- The weather was perfect the whole time. Expected storms seemed to just break apart and float around us.
- 15 and 10 meters were open at least some of the time this year, making it possible to keep both the Flex station and the Get On The Air (GOTA) station active much of the time. Both stations traded bands back and forth as needed.
- The CW station was running around the clock, and posted its best scored ever, thanks to strong leadership by Dave, WB2DFC.

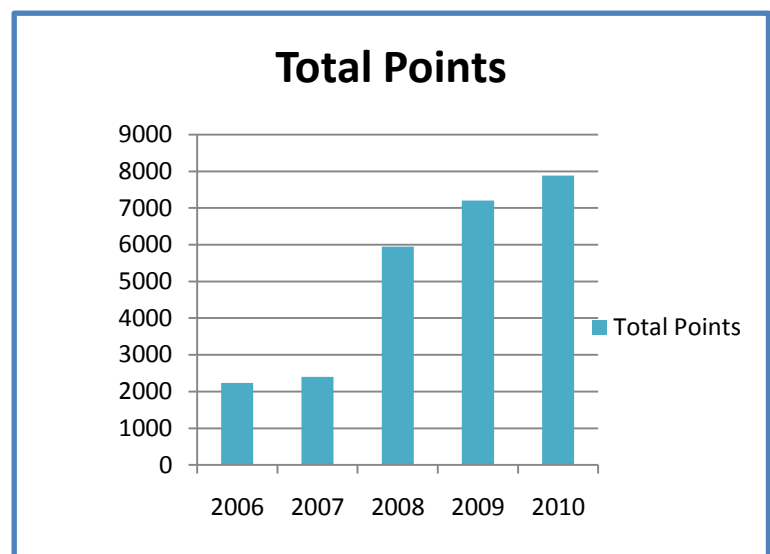


- There were zero interruptions in power or net connectivity.
- The Food Team once again blew everyone away with outstanding meals, and snacks available around the clock. If you didn't gain a couple of pounds, you weren't really there.
- There were only two problems noted during the entire event, thanks to good planning and outstanding execution by all involved. We have not still not completely solved our co-station interference issues. And, from our *We Should Have Thought Of This Before We Did It Department*, the circuit breakers were blown several times before we realized that you really can't plug in four electric roasters on the same circuit at the same time. Outside of that, it was pretty much smooth sailing.
- All numbers were up significantly this year. One outstanding example: we went from 65 total participants in 2009, to **140** participants this year, including members and guests. That's an increase of **115%** over last year!

Just for comparison, here's a chart of our total score in the five years we have been active on Field Day. That's a pretty good track record!

Thanks to everyone who participated, especially those who were on the Field Day Committee and worked so hard to make things go so well. **82** PCARS members put in an appearance on Field Day, and it was a pleasure to see you out there having *Big Fun*.

And to those members who did not attend, Chuck and I would very much like to know exactly what you were doing that weekend that was more important or more fun. See you next year!



***Bill, WB9LBI & Chuck, W8PT***  
***Field Day co-Chairmen***



## ***Mark Your Calendars***

On the calendar for upcoming meeting topics and activities are:



- August 7<sup>th</sup> - **VE Testing** at the Center of Hope in Ravenna - 10 am, walk-ins welcome
- August 9<sup>th</sup> - meeting - Jeff Covelli, WA8SAJ. The topic is **HF Gear Restoration**
- August 11<sup>th</sup> - **PCARS Mobile Cruise-In** at the A&W in Ravenna. Starts at 5:00 pm
- August 28<sup>th</sup> - **Ohio QSO Party**

The Ohio QSO Party, sponsored by the Mad River Radio Club, takes place on Saturday, August 28th, 2010. The contest starts at 12 noon local and continues to 12 midnight, 12 hours total. I have sent our info to Mad River and listed K8BF as the call. At this time.... and if we have two antennas available, I would like to operate two stations. The specifics of operation can be worked out just before the contest begins. We can also operate until 12 midnight, if there is enough interest. (last year we operated about 6 hours)

The PCARS Club Site will be used for this contest and the Yaesu FT1000 and FT920 will be on the air. Phone and CW modes will be available and will be the operator's choice. Logging by computer may be possible however, plan on paper logs at this time. .... and if you want to bring your own gear, no problem. We can work in teams or as individuals... again your choice.

If you are interested in operating the OQP from the club site, please send me an email at [WB2DFC@portcars.org](mailto:WB2DFC@portcars.org). And if you are not interested in operating, stop by anyway..... check out the PCARS contest operation! See you there!!! OQP link <http://www.ohqp.org/index.htm>

*Dave, WB2DFC*



## ***WB8LCD for Ohio Section Manager***



**Tom, WB8LCD**

In August 2010, the Ohio Section of the ARRL will elect a new Section Manager. I have been nominated for and am actively running to be your next Ohio Section Manager. My name is **Tom Sly – WB8LCD**.

There are three things you should know before casting your vote for me:  
Who am I?  
What is my vision for the Ohio Section?  
Why am I qualified for the position?

I'm a lifelong resident of Ohio and have been a ham for 43 of my 57 years. I'm married with three adult children; our first grandchild is due right about the time I'll be at the Dayton Hamvention. I graduated from the University of Akron with a degree in Finance. Since graduation I've been self-employed as an Independent Insurance Agent.

First licensed in 1967, I've always been an active ham. My current ham radio activities include QRP, contesting and DXing. I'm active in my local club and have been an instructor in the club's Technician and General upgrade classes as well as a member of the VE team.

As Ohio Section Manager my goal will be to make the Ohio Section the premier section in the ARRL. I believe this can be accomplished by increasing the number of hams in our Section who are members of the ARRL and by making the Ohio Section stand out as the place where the most new hams are being licensed. I will promote ham radio in Ohio to the general public so they will know that Ham Radio is one of the greatest hobbies in the world! With positive community actions, the public in general will hold us in high regard. In the changing world of Emergency Communications there is much to be done to update and better organize the ham radio EmComm response – incorporating ARES<sup>®</sup>, RACES and MARS into a coordinated effort. I think that the Ohio Section should become a “best practices” leader in demonstrating how this can be accomplished.

I've had a successful business career since I started my insurance agency in 1975. I'm an Eagle Scout and on the board of a regional non-profit organization based in Portage County. I was a founding member and the first president of the Portage County Amateur Radio Service, Inc. (PCARS): [www.portcars.org](http://www.portcars.org). In just a few short years PCARS has gone from zero to over 150 active members. PCARS has been recognized for its

accomplishments by League headquarters staff and others in the ham radio community. I've had the experience to prove that I can organize and accomplish what I set out to do.

More information is available on my website: [www.wb8lcd.org](http://www.wb8lcd.org) and I invite you to email me directly at [wb8lcd@arrl.net](mailto:wb8lcd@arrl.net) if you have any specific questions or concerns. Please let me know what *you* think are the important issues we'll face in the Ohio Section in the immediate future.

I hope you will agree, and elect me as your section manager this coming August. In the meantime, get on the air and enjoy the greatest hobby in the world!

73,  
**Tom, WB8LCD**



## ***More Field Day 2010 Stats***

Top 37 Operators (actually, All 37 Operators)

Operator	Contacts
1 N8EQJ	505
2 W8PT	300
3 K8SRR	225
4 WB9LBI	133
5 KB8AMZ	127
6 N8OQQ	126
7 N8XTH	115
8 K8MSF	112
9 K8CAV	95
10 KC8PD	90

Operator	Contacts
11 WB2DFC	83
12 N4IT	73
13 K8AAB	70
14 WD8DAU	64
15 WB8LCD	53
16 N8RLG	51
17 NX8G	51
18 W8HFY	47
19 KD8FLZ	43
20 KD8DFL	39

Operator	Contacts
21 K8NYM	28
22 N8WLE	20
23 KD8GBB	18
24 N8GIE	17
25 KC8RJR	16
26 N8HUC	15
27 WA8GCF	12
28 KB3GXB	10
29 KB8TUY	10
30 KD8JCY	9

Operator	Contacts
31 N8QE	8
32 WA8CCU	7
33 KD8EPA	6
34 W8NET	6
35 N8QF	4
36 KD8JCX	2
37 KC8KYW	1

First Call: #1 - Logged in by WB8LCD at 18:00:56 on 40 meters  
Last Call: #2592 - Logged in by W8PT at 17:59:50 on 20 meters

Worked 79 of the 80 sections. Accomplished **Worked All States**  
(now we need to get the QSL cards to confirm & submit for WAS)



## ***DX Is Out There!***

This bulletin was made possible with information provided by DS4GGM, NC1L, The Daily DX, QRZ DX, the OPDX Bulletin, DXNL, Contest Corral from QST and the ARRL Contest Calendar and WA7BNM web sites. Thanks to all.

**KENYA, 5Z.** John, IZ2DPX will be QRV as 5Z4/home call from Malindi from August 4 to 17. Activity will be on 40 to 10 meters. QSL via IZ2DUW.

**LESOTHO, 7P.** Arnold, WB6OJB is QRV as 7P8JK until August 6. Activity is on 40 to 10 meters using mostly SSB. QSL to home call.

**PAKISTAN, AP.** Muhammad, AP2RF is usually QRV on 20 meters using SSB between 1450 and 1630z. QSL direct.

**URUGUAY, CX.** Special event station CV5UC is QRV until August 5 in celebration of Uruguay's participation in the semi-finals of the FIFA World Cup. QSL via CX5UR.

**BALEARIC ISLANDS, EA6.** Dave, M0DLL is QRV as EA6/home call from Menorca Island, IOTA EU-004, until August 17. Activity is on all HF bands including 6 meters. QSL to home call.

**MOLDOVA, ER.** Special event station ER240C is QRV until July 31 in remembrance of the 240th anniversary of the battle of Kagul. QSL via ER5AA.

**REPUBLIC OF KOREA, HL.** Members of the Gwangju DX Club will be QRV as 6L0NJ/4 from Shinji Island, IOTA AS-060, from July 31 to August 3. Activity - all HF bands using CW, SSB and various digital modes. QSL via HL4XM.

**ITALY, I.** Members of the Italia Zero DX Group will be QRV as IB0Y from Ponza Island, IOTA EU-045, from August 1 to 8. Activity will be holiday style on 80 to 2 meters using CW, SSB and digital modes. QSL via IZ0PSA.

**SARDINIA, IS0.** Massimo, I0PNM is QRV as IM0/home call from Isola San Pietro, IOTA EU-165, until August 20. Activity is on 20, 15 and 10 meters using SSB and RTTY. He also plans to activate the Lighthouse Capo Sandalo, ARLHS SAR-018. QSL to home call.

**MARIANA ISLANDS, KH0.** Lee, HL1IWD is QRV as AH0/AH2Y from Saipan, IOTA OC-086, until August 1. QSL to home call.

**AUSTRIA, OE.** Special event club scout station OE1XJA/3 will be QRV from one of the Laxenburg scout camps from Aug 1 - 12 in celebration of 100 years of Scouts in Austria. Activity is on 80-10m. QSL via bureau.

**GREENLAND, OX.** Michael, DB5MH is QRV as OX/home call from Disko Island, IOTA NA-134, until August 8. Activity is on 20 meters using SSB around 0000z. QSL via DJ8KH.

**ST. MAARTEN, SABA, ST. EUSTATIUS, PJ5.** Randy, K5SL will be QRV as PJ7/K5SL from Sint Maarten, IOTA NA-105, from July 31 to August 13. He will be active on 40, 20 and 17 meters using CW with SSB on 17 meters as well. QSL to home call.

**SEYCHELLES, S7.** Jose, EA4DB will be QRV as S79DB from August 3 to 14. Activity will be holiday style on 40 to 10 meters using CW, SSB, RTTY and PSK. QSL to home call.

**ASIATIC RUSSIA, UA0.** A group of operators are QRV as R9XC/9 from Litke Island, IOTA AS-089, until August 2. QSL via operators' instructions.

**BELIZE, V3.** Colin, KU5B will be QRV as V31UB from Placencia from July 31 to August 7. Activity will be on 80 to 6 meters using CW, SSB and various digital modes. QSL to home call.

**LATVIA, YL.** Special event station YL15LRG is QRV during the month of August in celebration of the 15th anniversary of the Liepaja Radio Amateurs' Group. QSL via bureau.

*From the ARRL*

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## **PCARS VE Test Sessions**

PCARS VE sessions are scheduled for the first Saturday of every even numbered month.

***August 7 - October 2 - December 4***



VE sessions for Technician, General & Amateur Extra start at 10:00 am at the **Center of Hope:** 1034 West Main St. in Ravenna. Walk-ins are always welcome. *Please* bring your original FCC license, a copy of your FCC license, your FRN number if you are already licensed or registered with the FCC (or your SSN number if you're not registered), your original CSCE (if you have one), a copy of your CSCE (if you have one), a photo ID, and \$15.00 in cash or a check for \$15.00 made out to "ARRL-VEC". We look forward to seeing you there!!!!

***Jim, KC8PD***  
PCARS VE Team Liaison



## PCARS Picnic

There was just no getting around it, PCARS had simply outgrown the Black Squirrel Oasis (aka, Tom, WB8LCD's home) as the location for our annual picnic. Not to mention that Tom's XYL, the ever-patient Mary, was entitled to a well deserved break.

The search was on for a new location that would have plenty of room and parking, be easy to get to and reasonably priced, and, most importantly, permit adult beverages. We found just what we were looking for at VFW. Post 1055 on New Milford Road in Ravenna. A special PCARS thanks to Ken, AB8IE, who is a post member, for taking care of the paperwork.



and he got the windows open and the fans on. Despite the heat outside, it stayed reasonably comfortable in the building throughout the afternoon.

All in all around seventy PCARS members and guests attended. There were plenty of side dishes, snacks and desserts, including the special PCARS cake from WB8LCD. Russ, KD8LDY, and Mike, KD8FLZ, manned the grill.



It wouldn't be a hot, muggy July afternoon without a thunderstorm and, sure enough, one blew through in the late afternoon, preceded by a

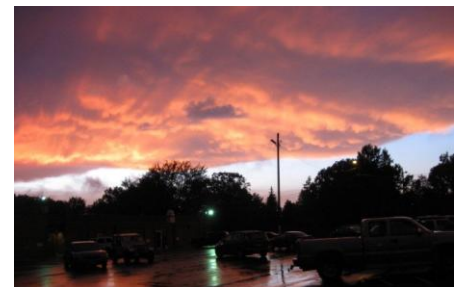
severe thunderstorm warning from the National Weather Service. Hams being hams, an ARES® of Portage County Skywarn net was promptly on the air from the picnic site with Martin, KD8MBH, picking up the NCS duties from home. After the storm had passed Martin joined us at the shelter for the evening and he was just in time for the second storm!



Sharp-eyed Dave, WB2DFC, was the first to spot the highly-localized (and rather suspicious) giant chunks of hail. Needless to say no report of the ice was reported to the NWS.



The cooling rain didn't dampen anyone's enthusiasm, either. Particularly Matt, W8DEC, who enjoyed himself on the well lubricated slide. When the storm and passed the VFW shelter found itself under a lucky rainbow and then we were all treated to a beautiful sunset.



A great location and a great picnic! Who could ask for more?

*Jim, KC8PD*

## EmComm

The Portage County EMA/RACES unit has been very active as it makes preparations for the upcoming National Guard exercise at Camp Ravenna, formerly known as the Ravenna Arsenal. The scenario for the event is that a substantial tornado has caused significant damage to a town, including a collapsed building and a hazardous materials discharge, along with mass casualties and fatalities.

Called Operation Talon Shield, this will be the largest exercise of its kind to date, bringing together National Guard Task Force units from a number of different states along with state and federal support teams. The Task Forces were formed after Hurricane Katrina to provide trained units of Guard members who could be mobilized and moved into a disaster area to assist local first responders in areas such as search and rescue, HAZMAT, EMS, etc.

In addition to the National Guard response, the Ohio EMA will be responding, in particular to deal with the simulated mass fatalities.



Since the Guard units would be integrated into the local Incident Command System, this exercise will also involve an activation of the Portage County Emergency Management Agency's Emergency Operations Center. This will also be the first time that Guard units have been involved in an exercise of this scale that has put their members under the direction of the civilian ICS which will be run by an Incident Management Team.

RACES members will assist both by providing communications using amateur radio assets as may be needed and by staffing the radio operations in the EMA's Mobile Command Center. Needless to say, all of the RACES crew are looking forward to this event.

ARES® of Portage County will be providing communications support for the Mantua Potato Stomp 15k Race on September 11th. In addition, ARES® will be sponsoring a Basic Skills course for both emergency and public service events. The course will be at no charge and open to all area hams.

Tentative plans are also being made as a combined effort of RACES and ARES® to offer the ARRL Amateur Radio Emergency Communications Course Level I in a classroom setting beginning late this year or in early 2011. This will enable area hams to take this course in person rather than on-line and at no charge.



Watch for more for more information on both of these programs.

If you have an interest in helping with public service events, contact Gay Wands, WB8VNO, for information about the Black Squirrel Triathlon, August 7th, and the Bellefaire Duathlon on August 22nd. In addition, check the Summit County ARES web site at [www.sumco-ares.org](http://www.sumco-ares.org) for information and registration to work at the Akron RoadRunner Marathon on September 25th.

**Jim, KC8PD**  
Radio Officer, Portage County EMA/RACES  
EC, ARES® of Portage County  
Emergency Operations Officer, Ohio Army MARS





## PCARS Yahoo Site

Members are reminded that PCARS has a Yahoo Group dedicated to PCARS information. It's a great site to sign up for and get on the mailing list. Check out the PCARS Yahoo Group at: <http://groups.yahoo.com/group/PCARS/>.



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## Scout Camp Ham Radio Demo

PCARS member Frank, KD8HGI had asked me earlier this year if PCARS would participate with their Cub Scout day camp this summer. Of course I said we would be glad to, assuming I was going to have a fun day or two of ham radio in the field. But, when it came time to put the final details together I discovered that I was going to be out of town at the time they needed us. I immediately put the word out to the PCARS members and Rick, K8CAV, Lorraine, KD8BHX, Rex, NX8G and Gene, W8NET, all stepped up and took control of the program.



Lorraine, KD8BHX

There were two groups of scouts at Camp Butler. On Tuesday July 13, Rick and Lorraine put on the program for the first group, and on Friday July 16, Gene and Rex put on the program. Both teams arrived at camp before noon to set up working stations for both HF and VHF. The program consisted of a short description of Ham Radio and a

demonstration of it's capabilities. After that, both teams then spent the remainder of the afternoon on site so that the scouts could stop back either individually or in small groups to get a closer look and actually operate on the air.

On both days, PCARS members who were not at the camp were available to provide contacts on two meters for the scouts wanting to give it a try. Quite a few scouts were able to have a two way ham radio contact. Thanks to all who participated on the air and gave them this experience!



Interested Cub Scout



Gene, W8NET explains Amateur Radio

The reports back to me indicate that not only did the scouts show an interest, many of the adult leaders were impressed with what amateur radio could do. Both teams were invited to stay for dinner with the adult leaders which gave them additional opportunity to build awareness about our hobby.

Thanks to all who participated!

**Tom, WB8LCD**

## Monitoring/Scanning

At a PCARS meeting a few months back, Dave, WB2DFC, gave an excellent presentation on monitoring and scanning as another facet of the radio hobby. You don't need a ham radio license to listen but it can be a fun way to make use of the radio gear that you already own.

So periodically we will be providing information on frequencies that you may find of interest. If you know of some that you think other readers of the newsletter might find useful, send them along and they will be included in future columns.

Courtesy of Popular Communications magazine, here are the frequencies used by the Cleveland Indians (all in MHz): 151.655, 151.685, 151.715, 151.745, 151.835, 154.515, 154.570 and 154.600. So even if the game is boring there still might be some behind the scenes communications that keep your interest.

If you are attending a Pittsburgh Pirates home game, try 151.625, 467.750, 467.7625, 467.850 and 467.925.

For area golf fans, when a PGA event comes to Firestone you will find activity on 151.745 and 154.540.

From George, N1EZZ, here is a link that provides the frequencies for the area's medical helicopters <http://www.radioreference.com/apps/db/?aid=2091>.

Even when you don't have the chance to get on the air you may still have the time to give a listen.

*Jim, KC8PD*



## *This one is for the birds...*

Blame it all on PCARS meeting where John got this handy 8-1/2 x 11 laminated Amateur Satellite Frequency Guide that someone donated to the prizes.

John has been curious about satellites for a while and was excited about the presentation at one of the meetings discussing them. As it turned out, the presentation was postponed until further notice. So there sat the frequency guide on his desk for about 6 weeks. Yeah, he looked at it a few times, but saw that most of the satellites require 70 cm or other equipment we aren't set up with here at home.

On Sunday, July 18, He didn't have much to do. He came down to the dungeon as I call it with really not in the mood for doing anything. Ya Right! But their sat that AMSAT frequency chart. After studying it closer, he noticed that that the International Space Station had both uplink and downlink on two meters. Hey! We have two meters! Let's check this out.

The downlink is on 145.800 MHz. After getting on the AMSAT website ([www.amsat.com](http://www.amsat.com)) , he found that they have tracking for all of the amateur satellites, including the ISS. And here she came, at about 5: 34 pm local time All-right, let's turn on the radio and listen for a while. A few moments later the voice of Colonel Doug Wheelock came across the radio. "This is NA1SS aboard the International Space Station". Holy Cow! We can hear this guy! We didn't expect that, we didn't have the radio ready - dang. So John scrambled to get it ready for the next go around.



NASA Astronaut Colonel Doug Wheelock,  
KF5BOC

The uplink (or the frequency you transmit on) is 144.49 MHz and the downlink (or frequency you listen on) is 145.800 MHz. No PL is required and it's FM. Sounds easy enough. Not!!! At least on his old radio, but he did manage to trick it into running this offset.



So on Monday, he was ready. Again at around 6:30 pm local time, here comes Colonel Wheelock on his great hams hack in the sky. He handed the mic to me W8CDL to use me as a guinea pig. Nice! To see if this was going to work. Sure enough ,I had to only call once how cool is that! And the radio responded with "W8CDL this is NA1SS loud and clear" It was almost too easy! I gave the mic to John and seconds later he made his contact with ISS. Too easy!! He is use to working really hard for such an exciting event. We can't wait for the QSL cards to arrive.



**International Space Station, NA1SS**

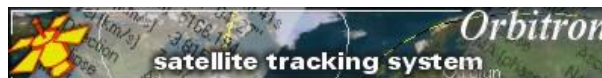
We have monitored the ISS through out the week and found that Colonel Wheelock was on the air every day from about 4:30 to 6:30 pm local time. Maybe this is his spare time for ham radio.

There is no doubt the ISS is an easy and exciting contact. It was for us! This is something anyone who has two meter capabilities can do. Just get on the AMSAT website and track the ship flying over your QTH around 4:30 to 6:30 pm (usually, there are two opportunities each evening for about 8 to 14 minutes long ). If you don't have a radio that can receive on 145.800 and transmit on 144.490 then maybe you have a mobile rig in your vehicle and a handy talkie, or even a scanner. Use them both. Use the handy talkie or scanner as the receiver and the mobile rig as the transmitter. That's easy enough so you can't avoid trying. We have even heard him calling with nobody responding. No pileup! He's waiting for you! So get out their and try - try - try..... It must be an awesome sight from up there!

*Coletta, W8CDL*

<b>I.S.S. Frequencies</b>	
<b>Worldwide downlink for voice</b>	<b>145.80</b>
<b>Worldwide packet uplink/downlink</b>	<b>145.825</b>
<b>Voice uplink</b>	<b>145.20</b>
<b>Worldwide uplink for cross band voice repeater</b>	<b>437.80</b>
<b>Worldwide SSTV downlink</b>	<b>145.800</b>
<b>Current Callsigns for the I.S.S. (July-August 2010)</b>	
<b>Alexander Skvortsov</b>	<b>N/A</b>
<b>Tracy Caldwell Dyson</b>	<b>KF5DBF</b>
<b>Mikhail Kornienko</b>	<b>RN3BF</b>
<b>Shannon Walker</b>	<b>KD5DXB</b>
<b>Doug Wheelock</b>	<b>KF5BOC</b>
<b>Fyodor Yurchikhin</b>	<b>RN3FI</b>
Russian callsigns	RS0ISS, RZ3DZR
U.S.A. callsign	NA1SS
German callsign	DP0ISS
<b>For more information on the procedures used to contact the international space station, please visit the <a href="#">ARISS Web site</a>.</b>	

**Editors Note:** A good (free) program for tracking all types of satellites as well as the ISS is 'Orbitron'. It can be downloaded from: [www.stoff.pl](http://www.stoff.pl) .



## Signs Stolen

In my effort to campaign for the OH Section Manager position in every way possible, I obtained permission to place a sign on a private property located across from the Portage County fairgrounds, on the west side of SR 44. I placed my sign there so that anyone attending the Portage HamFair would be reminded to vote in the SM election currently taking place, as they exited the HamFair. The sign was placed there at approximately 8:30 AM and simply stated: ARRL, OH – SM, Vote, WB8LCD.

When I returned at approximately 1:30 PM, I discovered that the signs had been stolen and only the posts remained.



Signs Stolen from Private Property

Anyone with any information as to who removed the signs is requested to contact WB8LCD, or the Portage County Sheriff's Dept (**Ref case #10-12622**) directly.

Thanks,

**Tom, WB8LCD**

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## Hamfests

**08/08/2010 - Cuyahoga Falls Amateur Radio Club - Tailgate Fest** - Emidio & Sons Party Center Parking Lot - 48 East Bath Rd. - Cuyahoga Falls, OH 44221 - Website: <http://www.cfarc.org/tailgate2010.html> - Contact: Frank Tompkins , W8EZT - 124 Chart Rd., Cuyahoga Falls, OH 44223 - Email: [tailfest2010@cfarc.org](mailto:tailfest2010@cfarc.org)

**08/15/2010 - Warren Amateur Radio Association** - Trumbull County Fairgrounds - 899 Everett Hull Rd. - Cortland, OH 44410 - Website: <http://www.w8vtd.org> - Contact: Jackie Williams , KD8DNE - PO Box 809 Warren, OH 44483 - Phone: 440-636-2806 - Email: [kd8dne@yahoo.com](mailto:kd8dne@yahoo.com)

**09/12/2010 - Findlay Radio Club** - Hancock County Fairgrounds - 1017 East Sandusky St. - Findlay, OH 45839 - Website: <http://www.findlayradioclub.org> - Contact: Eric Wilkinson , K8ERW - PO Box 587 - Findlay, OH 45839 - Phone: 567-429-9077 - Email: [hamfest@findlayradioclub.org](mailto:hamfest@findlayradioclub.org)

**09/26/2010 - Cleveland Hamfest and Computer Show** - Cuyahoga County Fairgrounds - 164 Eastland Rd. - Berea, OH 44017 - Website: <http://www.hac.org> - Contact: William Beckman , N8LXY - Hamfest Association of Cleveland, Inc. - PO Box 81252 - Cleveland, OH 44181-0252 - Phone: 800-CLE-FEST - Email: click "e-mail" on Web site

**10/16/2010 - Ohio Section and ARES Conference** - Educational Service Center of Central Ohio - 2080 Citygate Dr. - Columbus, OH 43219 - Website: <http://www.arrloho.org> - Contact: Scott Yonally , N8SY - 258 Valley Hi Dr. - Lexington, OH 44904 - Phone: 419-884-5105 - Email: [n8sy@arrl.net](mailto:n8sy@arrl.net)

**10/31/2010 - Massillon Amateur Radio Club** - Massillon Boy's & Girl's Club - 730 Duncan St. SW - Massillon, OH 44646 - Website: <http://www.marcradio.org> - Contact: Terry Russ , N8ATZ - 3420 Briardale Dr. NW - Massillon, OH 44646 - Phone: 330-837-3091 -Email: [truss@sssnet.com](mailto:truss@sssnet.com)

## Field Day – Sleep Deprivation

Having heard too many stories about the risks to ham radio operators who fail to get adequate rest during Field Day weekend, it seemed as though the time was right to study the creatures in their natural habitat and see what lessons can be learned.

A couple of conclusions came quickly. First, none of the subjects are anywhere near as young as they would like to think. Second, and perhaps a corollary to the first, none of them possess anywhere near the energy that they think they do. A number of them attempted to ward off sleep by consuming caffeinated beverages which, unfortunately, were too often offset by malt based beverages.

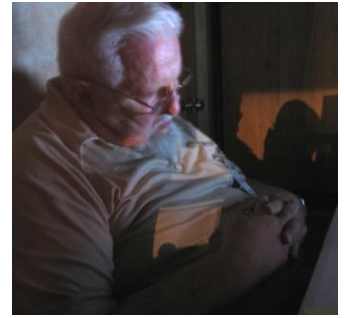


Photo 'A' Subject #1

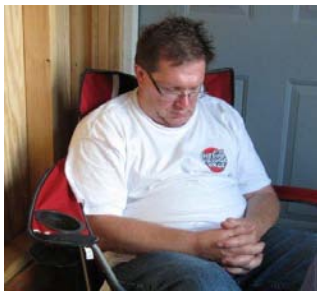


Photo 'B' Subject #2

In Photo A, Subject #1 offers a classic example of why one should never dim the lights while sitting at his station, particularly if operating on the VHF bands. Long periods of dead air time coupled with comfortable air-conditioned surroundings can quickly lull a “mature” operator into sleep.

Photo B shows Subject #2 who was a particularly interesting case. During his interview it was discovered that he would come up with substantial Field Day construction projects that would need to be finished in the seventy-two hours before the event. He would then be up all night on Friday, arrive late on Saturday, erect antennas, assemble stations, and then engage in marathon operating sessions on the busiest band that he could find.

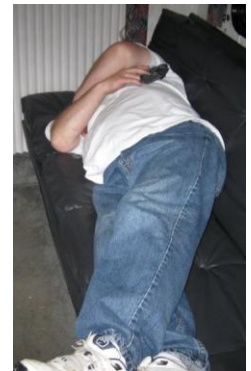


Photo 'C'



Photo 'D'

As you can see, the moment the microphone was removed from his hand he lapsed into unconsciousness. As a test another ham who was a few feet away continued to bellow “CQ Field Day” into the mike but was unable to awaken Subject #2 who later described the racket as “sweet dreams.”

All of this despite Subject #2’s earlier nap (Photo C) on the Mobile Command Center couch. That couch has been known to entice others in past years, such as Subject #3 (Photo D) who may have been worn out by his efforts to create a beverage antenna.



Photo 'E'

By the way, in 2008 (Photo E) Subject #2’s efforts at mobile Field Day operations were terminated after he was found to be incapacitated.



Photo 'F'

In Photos F and G, Subjects #4 and #5 dispel many of the myths surrounding solar energy. Expose either of these two participants to direct sunlight and out go their lights. It is unclear whether, like mushrooms, they thrive in the dark or if the sun simply has a toxic effect on them. More study is required.

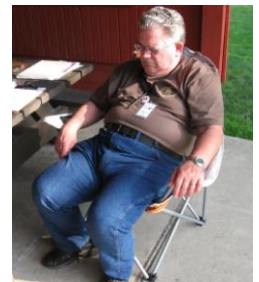


Photo 'G'





Photo 'H'

For these two subjects the inability to remain awake at Field Day is apparently a chronic condition. As you can see in Photos H and I, in 2007 both were also observed dozing uncontrollably. Sit them in a chair, let them lean back, and they were out. Ham radio narcolepsy is nothing to be ashamed of, but, sadly, Subject #5 (Photo J) attempted to conceal his identity while he dozed.



Photo 'I'

Lastly, we have Photo K, an as yet unidentified ham who suffered a brief psychotic break as a result of too little sleep and too much CW. He was so delusional that he claimed that he heard and saw fireworks in the middle of the night. A sad case, he had to be tranquilized for his own safety.



Photo 'J'



Photo 'K'

*Jim, KC8PD*

## PCARS Thursday Net Control



August	
5	N8XTH
12	KB8UUZ
19	WB8LCD
26	N8QE

September	
2	WB2DFC
9	KC8PD
16	KD8FLZ
23	KB8UUZ
30	WB8LCD



The PCARS net is **Fun** - tell your friends to check in via RF or Echolink! If you have not been a Net Control Operator for PCARS and would like to give it a shot, please contact me at: [WB8LCD@portcars.org](mailto:WB8LCD@portcars.org) and take one of the "open" slots in the roster. Everyone who is a club member is welcome to have a turn!

*Tom WB8LCD*  
PCARS Net Control Coordinator

## Special Service Events

Hi folks... here is the next event: Headwaters Adventure Triathlon - July 10, 2010 - Buchert Park, Mantua. You can view the map here <http://www.portageparkdistrict.org/hrace.html>

Other events:

- August 7 Black Squirrel Triathlon, Kent
- August 22 Bellefaire JCB Biathlon, Shaker Heights

If you are interested in any of these, or would like more information, contact me at: [WB8VNO@portcars.org](mailto:WB8VNO@portcars.org)

Thanks,  
*Gay, WB8VNO*



# *PICNIC 2010*







## PCARS Patches & Stickers



PCARS logo patches & stickers are now available!! Put the patch on your hat, your shirt, your jacket and show off that PCARS logo!! The patch is approximately 3". The embroidery on the white patch is in Red, Black and Blue. Cost for a patch is \$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! If you would like to order by mail contact the club Treasurer: Bill, WB9LBI at: [WB9LBI@portcars.org](mailto:WB9LBI@portcars.org)



## Some Words From Weaver

### Field Day: Gone for another Year

I've received many reports of very successful Field Day operations from throughout the Division. I was also privileged to be able to visit several others on FD Saturday. Regardless of the size of operation, these fun activities serve as valuable tools toward tuning our responses to real emergency situations when these occur. Several clubs signed up new members thanks to FD. At least on club held VE licensing exams the morning of FD and introduced the successful new hams to on-air operation later in the day.

Many of the operations in the Division obtained great community press. Among these, several hosted state and local dignitaries who got to see for the first time just part of what Amateur Radio can do "when all else fails." At least one county sheriff told a reporter who covered his visit that he had added the local amateur group to his disaster planning as a result of its demonstration.

Well done, gang!



Jim, K8JE

### Ohio Section Manager Election Looms

Ohio members should be aware that they will receive a ballot for the Ohio Section Manager (SM) in the coming week or two. This is an opportunity for members to determine who they wish to lead ARRL Field Activities in the Section. There are two candidates for SM for the coming two years. These are Tom Sly, WB8LCD, of Kent and Frank Piper, KI8GW of Pickerington. Tom is very active in the Portage County Amateur Radio Service. Frank is the current Ohio SM, having been appointed to the position to complete the term of former SM Joe Phillips, K8QOE (SK).

A short statement from each candidate will accompany the ballot. In addition, each candidate has a web site that provides further information they believe relevant to the election and SM position.



Ballots will be mailed using the ARRL non-profit mailing permit. Please do not misconstrue these for junk mail. Please, also, exercise your privilege as an ARRL member to vote for the candidate of your choice for SM. This is a very important position that is responsible for ARES(TM) management, state legislative action effort, supporting affiliated clubs and additional activities at the state level.

Good luck, gentlemen.

### Ohio State Parks On the Air

At least, many the Ohio State parks will be on the air this coming September 11. This is the date chosen by the Portage County (OH) ARS (PCARS) for its third annual Ohio State Parks On the Air Contest. The day is Saturday and the time is from 12 noon to 8 PM -- 1600Z to 2400Z. The object is to set up portable amateur stations in as many Ohio State Parks as possible and for stations not at parks to work as many park stations as they can.

Ohio and non-Ohio amateurs can compete for a variety of awards using the usual amateur bands of 80, 40, 20, 15, 10, 6 and 2 meters. For further information, go to <http://parks.portcars.org>.

If you plan to operate portable from a park it will be a good idea to discuss your plans with the park administrator ahead of time.

### QSO Parties are Scheduled

Well, I did it again. I goofed. This time in my haste I reported an incorrect time range for the Ohio QSO Party. It is actually from 1600Z August 28 to 0400Z August 29. The Kentucky QSO Party, as reported previously, is from 1400Z November 13 to 0200Z November 14. My old friend Hank, N8XX, took great glee in correcting me. Tnx Henry.

73

**Jim Weaver, K8JE**  
Director - ARRL Great Lakes Division



### Why I Enjoy PCARS

There are many reasons I enjoy PCARS but I want to take a moment to say that the folks in PCARS willing to do things to help other members and the organization in general is right up there at the top.

During a recent event at Camp Butler to demonstrate Amateur Radio to the Cub Scouts there, several members responded to calls at different times in the day and showed a tremendous amount of patience in talking to a lot of Cub Scouts who were making their first contacts by radio.

You thrilled and delighted many of those Cub Scouts and I am truly proud to be associated with all of you in the PCARS club.



Frank, KD8HGI and Rick, K8CAV with the Cub Scouts at Camp Butler

**Rick, K8CAV**





## August Contest Calendar

August 2010	
European HF Championship	0000Z-2359Z, Aug 7
10-10 Int. Summer Contest, SSB	0001Z, Aug 7 to 2359Z, Aug 8
North American QSO Party, CW	1800Z, Aug 7 to 0600Z, Aug 8
ARRL UHF Contest	1800Z, Aug 7 to 1800Z, Aug 8
Run for the Bacon QRP Contest	0100Z-0300Z, Aug 16
North American QSO Party, SSB	1800Z, Aug 21 to 0600Z, Aug 22
New Jersey QSO Party	2000Z, Aug 21 to 0200Z, Aug 23
Ohio QSO Party	1600Z, Aug 28 to 0400Z, Aug 29

*Yes* - there are even more than what are listed here.  
Check the internet for contest activity from around the world.

## Ohio QSO Party Coming Up in August

The **Ohio QSO Party** - this Ohio operating event will be held on **Saturday August 28, 2010** from local noon to local midnight. Every year during the Ohio QSO Party (OhQP) Ohioans light up the airwaves and make QSOs all over the world. In this event, Ohio stations are the "DX" and are sought after. Get on and call CQ, and experience the thrill of the world calling you!

Event Basics: Ohio stations send consecutive serial number + county. Suggested frequencies are: CW: 3545, 7045, 14,045, 21,045, 28,045 kHz; SSB 3825, 7200, 14,250, 21,300, and 28,450 kHz.

Full details and an operating guide can be found on <http://www.ohqp.org/>. We hope to hear you on the air!



73,  
**Kenny, K2KW**

## Tenth District ARES® Picnic



Saturday AUGUST 21st from 3 pm to 8 pm at Painesville Recreation Park in the Main Pavilion. This picnic is for all ARES® Leaders and your registered volunteers. Everyone must RSVP no later than SUNDAY, AUGUST 15th so Lynnette KB1LGB and I know how much food to buy. All are encouraged to bring a dish to pass. PICNIC RSVP INFORMATION: email - [kb1lgb@yahoo.com](mailto:kb1lgb@yahoo.com) Phone - 440-853-6683 (leave message)

**Matt, W8DEC**  
District Emergency Coordinator  
ARES® Tenth District - ARRL OH Section

**PCARS  
Member  
QSL Cards**

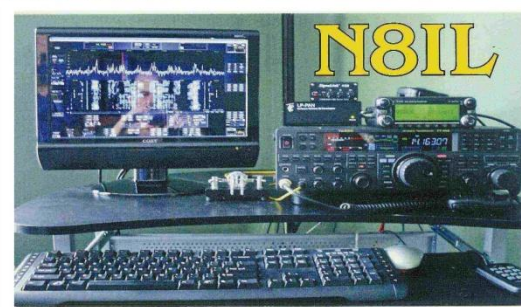
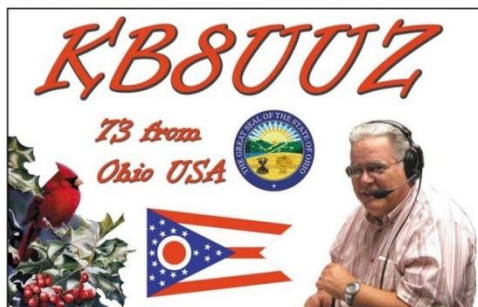
**NX8G**

Rex Simmons  
2505 Upland Ave SW  
Massillon, OH 44647

Mobile ☐ Portable ☐  
Location: \_\_\_\_\_

Radio	Confirming QSO				PSE QSL <input type="checkbox"/> TNX QSL <input type="checkbox"/>			
	DAY	MONTH	YEAR	UTC	RST	MHz	MODE	

www.chappells.com



**KB8UUZ**

73 from Ohio USA

Portage County Amateur Radio Service

ICOM DX ENGINEERING

WAS WAC DXCC VUCC(6m)  
CQ-USA-CA CQ-DX-Field CQ-WAZ

Rig: \_\_\_\_\_ Antenna: \_\_\_\_\_

Confirming two-way QSO / SWL report

Via	Date	Time	Band	Mode	Report
To Radio	Day Month Year	UTC	MHz	2-way	RST

**Tom Parkinson**  
9992 State Route 700  
Mantua, OH 44255 USA

Portage County ITU: 08 CQ: 04 Grid: EN91k  
Transmitter located in Freedom Township, Ohio

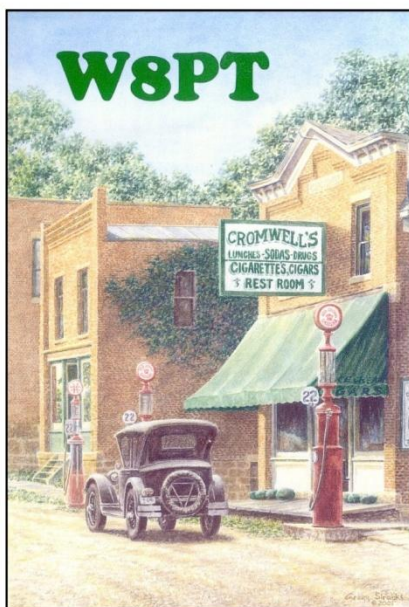
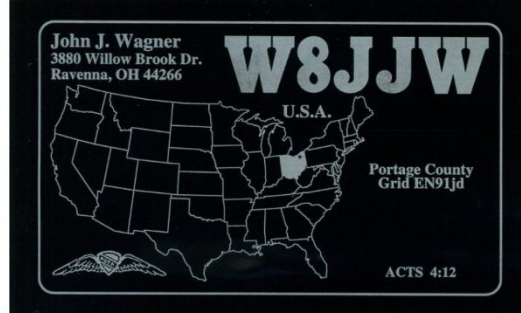
**KB8UUZ**  
PSE / TNX QSL 73

Ohio Entered the Union: March 1, 1803, the 17th state  
Origin of Name: From the Hopewell Indian word for "great river"  
State Motto: With God all things are possible  
State Nickname: Buckeye State  
State Flower: Scarlet Carnation  
Ohio Flag: designed and patented by John Eisenmann, Adopted in 1902

10-10 67605  
802 1314

ANA  
Association of Naval Aviation  
Life Member

VFW Post 7754  
Life Member



**W8PT**

**Cromwell's in Parkman**

This is a view of Cromwell's General Store as it could have appeared in the early 1930's. This building still exists today and is only 2 blocks from my QTH. It was rebuilt in 1899 and served as a pharmacy, meat market, and in recent years, a coffee house and now a print wear company. The original building was of frame construction built in the early 1800's and was the source of a fire that consumed the entire Parkman business district May 6, 1899.

The art work is a copy of a painting by a local artist, who is also my neighbor, Gregg Straki. The art work is © 2001 and is used with his expressed permission. All rights are reserved.

Rigs: Yaesu FT 2000 PEP ☐  
Kenwood TS-570SG ☐  
Icom IC-7000 ☐  
Icom IC-V8000 ☐  
Kenwood TM V71A ☐  
Antennas: Shagburr 4el w/40/30 @ 63' ☐  
M2 6M7JHV 7el for 6m @ 32' ☐  
M2 2M12 - 12 el for 2m @ 42' ☐  
Power: 100 w or watts / AL-80B Amp

**W8PT**

Chuck Patellis  
18118 Madison Rd.  
Middlefield, OH 44062 USA  
Geauga Cty, Grid EN91k

E-mail: [chuckw8pt@gmail.com](mailto:chuckw8pt@gmail.com)

Ex: WA8FOK & K8CMP

CQ Zone: 4 ITU Zone: 8

☐ PSE QSL TNX ☐

**W8RID**

Bob Davet  
2207 Sherwin Dr  
Twinsburg, Ohio  
44087 U.S.A.

We Read You Loud and Clear!!

Summit County Please QSL, Thanks 73's Grid EN91jd

Confirming QSO of: \_\_\_\_\_

Date: \_\_\_\_\_

UTC: \_\_\_\_\_

Mode: \_\_\_\_\_


Freq: \_\_\_\_\_

Power: \_\_\_\_\_

Report: \_\_\_\_\_







## Swap-N-Shop

**FOR SALE: Best Technologies “Ferrups”** commercial grade UPS, model FE850VA/14C, 850VA continuous; includes battery cables with powerpoles for external deep-cycle battery(ies) ... \$85 each (I have two) [exp 11/01/10]

**FOR SALE: Gator GR-4S** rack case, 4 rack units (the ultimate “go kit” --  
http://www.gatorcases.com/Default.aspx?Section=Products&Page=Details&CategoryID=4488&CatalogID=10017), new in box ... \$110 [exp 11/01/10]

**FOR SALE: Gator GRR-8L** rack case, 8 rack units, with wheels (the super-ultimate “go kit” --  
http://www.gatorcases.com/Default.aspx?Section=Products&Page=Details&CategoryID=4488&CatalogID=9767), used in very nice condition ... \$120 [exp 11/01/10]

**FOR SALE: WACOM 900MHz diplexer**, 900-960MHz, 4 cavity, 2 RX to a single antenna, model WP-687-3943, rack mount type (I have specs and tuning instructions) ... \$125 [exp 11/01/10]

**FOR SALE: Telewave power monitor**, model nr PM-2AQ-900/3, \$20 [exp 11/01/10]

**FOR SALE: Acer Aspire One** subnotebook computer, dual core atom CPU, Windoze XP, with Microsoft Office Professional and DX Lab software installed and updated; very little use; includes factory box ... \$220 [exp 11/01/10]

**FOR SALE: Winlink 2000 station:** IC-2200H 2M radio, KPC-3+ TNC, TNC-radio cable, TNC-computer cable, on rack shelf (all in like-new condition; I have the box for the radio) ... \$295 (might be willing to sell the “components” separately) [exp 11/01/10]

**FOR SALE: 6 ½ ’ heavy duty rack cabinet** with rails front and rear, two locking doors, good condition ... \$125 [exp 11/01/10]

**FOR SALE: 6’ medium duty cabinet with rails** front and rear, two locking doors, very good condition ... \$110 [exp 11/01/10]

**FOR SALE: Huber-Suhner EMP protector**, model 3400.17.0024, 824-960MHz, with two N-F connectors (condition presumed good but not verified; removed from working equipment) ... \$10 each (I have two) [exp 11/01/10]

Contact **Rick** - [K8GI@portcars.org](mailto:K8GI@portcars.org)

**FOR SALE: MFJ-434B Voice Keyer**, \$130.00 or best offer. [exp 11/01/10]

Contact: **Rex** - [NX8G@portcars.org](mailto:NX8G@portcars.org)

**FOR SALE: Hallicrafter** model S108, looks good but doesn't work: \$50 [exp 11/01/10]

**FOR SALE: Hammarlund HQ100C** with manual. Good appearance but doesn't work: \$50 [exp 11/01/10]

**FOR SALE: Bencher IAMBIC Paddle, BY1**, appears to be new in box, asking \$80 (currently in AES catalog at \$119) [exp 11/01/10]

Contact: **Leon** N8GLK: phone 330-296-2651 or [N8GLK@portcars.org](mailto:N8GLK@portcars.org)

**FOR SALE: Cushcraft 10-3 ten meter 3 element beam.** I've dry fit it and it seems that the only piece missing is a 6" x 6" aluminum mast plate. \$299 new, I'd like to get \$100 plus shipping (should be around \$16.00 to ship). [exp 9/28/10]

Contact **Randy** - [N6TL@portcars.org](mailto:N6TL@portcars.org)

**FOR SALE: Mirage A-1015G, 6 Meter Amplifier** - 10 watts in, 160 watts out - FM/CW/SSB - Original manual & box - Cost new \$389, works great - will sell for only \$275 [exp 11/01/10]

**FOR SALE: MFJ-5124K - Auto tuner cable** for Kenwood - Original box & manual. - \$20.00 [exp 9/25/10]

**FOR SALE: Vibroplex Iambic Key** - Highly polished decorative chrome base with the brass plate. Jeweled movements. Has custom made clear plastic dust cover. Works great. New: \$199.95. Original box & instructions. Will sell for \$145.00 (includes cord with 1/4" jack & dust cover). [exp 9/25/10]

Contact **Tom** - [KB8UUZ@portcars.org](mailto:KB8UUZ@portcars.org) or call 330-527-7609

**FOR SALE: Kenwood TS-570S** 160m through 6m HF/VHF Transceiver. Has MARS/CAP modification and includes the .5 ppm TCXO. With original Kenwood microphone, power cord with Anderson power pole connectors, Kenwood user manual and schematics, and Nifty mini-manual. \$650.00 [exp 11/01/10]

**FOR SALE: GAP Titan DX Vertical** 80m thrugh 10m - Good condition with manual \$150.00 [exp 11/01/10]

Contact **Rick**: [K8CAV@portcars.org](mailto:K8CAV@portcars.org)

**Editor's Note:** Ads run for 3 months then are dropped from the listing *UNLESS* you send it in again. Each ad will have an expiration date that looks like: [exp 11/30/10] when they will be removed. This will help keep the listings current.

## Vanity Call Sign Fees to Decrease August 17

On July 19, the Federal Communications Commission announced via the Federal Register that the cost of an Amateur Radio vanity call sign will decrease 10 cents, from \$13.40 to \$13.30. The new fees take effect 30 days after publication, making August 17, 2010, the first day the new fee is in effect.

In FY2010, the FCC expects to grant 14,800 vanity call signs, bringing in \$196,840 from the vanity call sign program. Earlier this year, the FCC released a Notice of Proposed Rulemaking and Order (NPRM), seeking to lower the fee for Amateur Radio vanity call signs.

The notice in the July 19, 2010 edition of the Federal Register -- entitled "Assessment and Collection of Regulatory Fees for Fiscal Year 2010; Final Rule" -- includes all FCC regulatory fees; these fees are expected to recover a total of \$336,712,213 during FY-2010, encompassing all the Services the FCC regulates.

The FCC is authorized by the Communications Act of 1934, As Amended, to collect vanity call sign fees to recover the costs associated with that program. The vanity call sign regulatory fee is payable not only when applying for a new vanity call sign, but also upon renewing a vanity call sign for a new 10 year term.



**ARRL**

## Ham License Plates Wanted

Dig out an old amateur radio call sign license plate (with your present call sign), clean it up and bring it in to be permanently affixed to the wall in the club station.

We have 32 plates up on the wall now, but we can use more!

Don't have ham radio call plates on your vehicle? Well for those of you in Ohio, you can get the plates sent to you by going to any License Bureau office and filling out the special plate registration form. It costs about \$20 the first time for the bureau fee, mailing fee, and Amateur Radio plate fee. When renewal time comes around for your Amateur Radio, you can get NEW plates issued (same call sign). Then you'll have an old plate to bring in to get hung up as a **permanent part of PCARS history!!**



**We have room for YOUR Ham Radio plate**

The official form for obtaining your Ohio Amateur Radio license plates is on the PCARS Yahoo Group site.



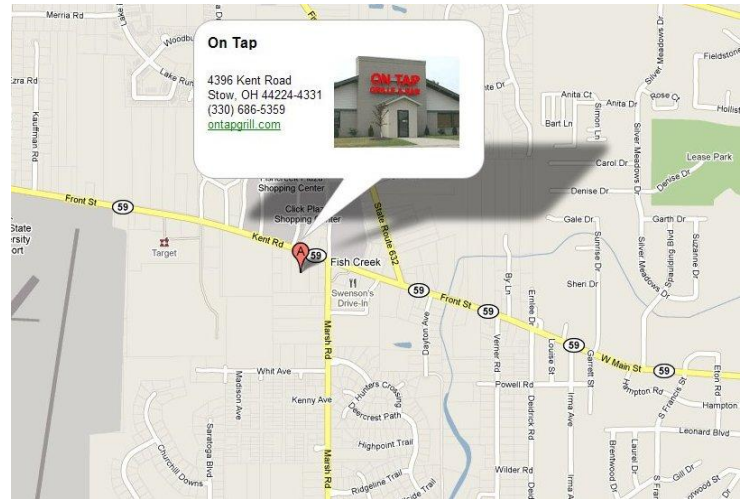
## PCARS Meetings

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

The next meeting will be at: **On Tap Grille**, 4396 Kent Road (St Rt. 59), in Stow. It is about a mile west of the Kent city limits.

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

(January through November. December is the Christmas Party)



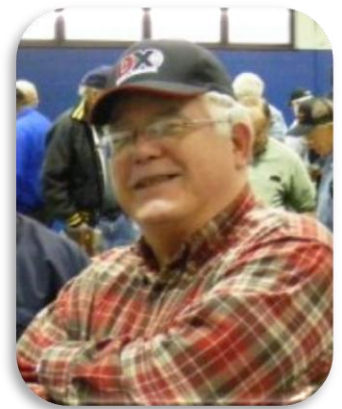
## Thanks & 73



I really appreciate your help in getting material for this newsletter. All of our members (and others) look forward to getting this newsletter every month, so keep sending those inputs!

Thanks goes out to this months contributors:

**KC8PD, WB2DFC, WB8LCD, WB9LBI, W8CDL, K8JE, WB8VNO, K2KW, KB8UUZ, K8CAV, W8DEC, KD8MBH, W8RID, W8PT, W8JJW, N8IL, NX8G, K8GI, the ARRL, and the World Wide Web.**



"Parky", KB8UUZ

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

**Tom, KB8UUZ**  
PCARS Newsletter Editor

## Field Day Picture Disks

Thanks to all that sent me their pictures from Field Day 2010. I have over 650 pictures!

I plan on putting all the pictures on one disk and will gladly make you a copy. But, you have to reserve a copy by contacting me either at the August PCARS meeting, or drop me an e-mail at: [KB8UUZ@portcars.org](mailto:KB8UUZ@portcars.org).

I should have the disks ready for you at the September PCARS meeting.

**Tom, KB8UUZ**



## *Pictures from the July PCARS Meeting*





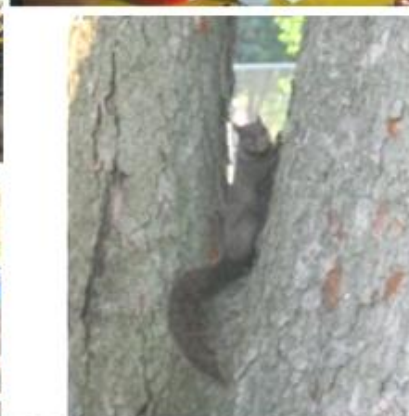
## Pictures - PCARS Field Day 2010















**ARRL  
Field Day  
June 26-27, 2010**





# Amateur Radio Cruise-In



So you think that you have one of the best amateur radio mobile installations to be found? Well here is your chance to show off that mobile rig and have the opportunity to compare it to dozens of others, HF, VHF, UHF, you name it.

On Wednesday, August 11, 2010, starting at 5:00 p.m., the Portage County Amateur Radio Service (PCARS) will be sponsoring an Amateur Radio Cruise-In Night at the **A&W** Restaurant located at 769 East Main Street in Ravenna.

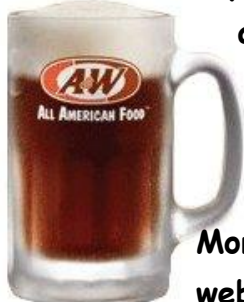


Hams from all over Northeast Ohio will be cruising in to check out the wide variety of mobile radio setups and get some ideas for their own vehicles.

Prizes will be awarded for the most unique, the most professional as well as the ugliest installations.

Have you wondered how well screwdriver antennas perform? Confused about how best to run your power cables from the battery to the passenger compartment? How have other hams dealt with all that noise generating equipment in newer cars? Can you work DX from your truck? Need a solution for mounting that remote control head?

Well come on by and get those questions answered while you enjoy a burger, some fries, and a mug of **A&W** root beer. Enjoy an evening of ham radio fellowship and fun and get to know other hams from throughout the area.



Talk-in will be on the N8EQJ repeater,  
146.895 MHz, PL 110.9

More information can be found at the PCARS web site, [www.portcars.org](http://www.portcars.org) or contact

Jim, KC8PD, at [kc8pd@portcars.org](mailto:kc8pd@portcars.org) or 330-297-7979.



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

# Ohio State Parks On The Air



## 2010

### Ohio State Parks On The Air contest

Saturday, September 11, 2010, from 1600 UTC to 2400 UTC

There are **74** Ohio State Parks  
Make a day of it and join us in the **FUN!**

Visit a beautiful Ohio State Park  
and have some  
Amateur Radio Fun at the same time!



**Rules? Entry Forms? Log Sheets? Ohio State Park Information?**

Check out **all** the details at: <http://parks.portcars.org>

While you're at it, check out the PCARS web site at: [www.portcars.org](http://www.portcars.org)





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

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

Check the PCARS website [www.portcars.org](http://www.portcars.org) for meeting location

*All are welcome to attend – Drop in and say hello!*



# "When All Else Fails - Amateur Radio Works"

PCARS Uses the N8EQJ Repeater: 146.895 MHz (PL 110.9 – Rootstown, Ohio PL 114.8 – Kent, Ohio)

**Repeater is graciously provided by N8EQJ for use by PCARS members**

### PCARS Appointments & Committees 2010

ARRL Awards - VUCC	<b>W8KNO</b>	Joe Wehner
ARRL Awards - WAS	<b>KB8UUZ</b>	Tom Parkinson
Club Call Trustee	<b>KB8VJL</b>	Al Atkins, Sr.
Club Site	<b>KC8PD</b>	Jim Aylward
Contest	<b>W8KNO</b>	Joe Wehner
Coordinators	<b>W8PT</b>	Chuck Patellis
Field Day 2010	<b>WB9LBI</b> <b>W8PT</b>	Bill Fraedrich Chuck Patellis
FYAO	<b>WB8LCD</b>	Tom Sly
Historian	<b>KB8SZI</b>	Peggy Parkinson
K8BF QSL Mgr.	<b>KB8VJL</b>	Al Atkins, Sr.
Net Coordinator	<b>WB8LCD</b>	Tom Sly
Newsletter	<b>KB8UUZ</b>	Tom Parkinson
OSPOTA	<b>W8PT</b>	Chuck Patellis
PIO	<b>KC8PD</b>	Jim Aylward
Proxy Check In	<b>KB8VJL</b>	Al Atkins, Sr.
Secretary	<b>KD8GGZ</b>	Mary Jo Loveland
Web Master	<b>K8SRR</b>	Steve Randlett



PCARS  
VE Team

<b>KC8PD</b>	Jim Aylward
<b>KB8UUZ</b>	Tom Parkinson
<b>KB8DPN</b>	Russ Anderson, Sr.
<b>N4IT</b>	Carl Capps
<b>WB8LCD</b>	Tom Sly
<b>N8XTH</b>	Deron Boring
<b>N8PXW</b>	Jim Korenz
<b>N8QE</b>	Bob Hajdak
<b>W8PT</b>	Chuck Patellis
<b>N8EQJ</b>	Ed Polack
<b>K8QF</b>	Russ Conklin
<b>K8GI</b>	Rick Patterson
<b>WB8VNO</b>	Gay Wands
<b>WD8CVH</b>	Ted Wands
<b>NX8G</b>	Rex Simmons
<b>N8RLG</b>	Robert Gurney
<b>AB8AA</b>	Allan Avnet
<b>K8JAA</b>	Jane Avnet
<b>KD8FLZ</b>	Mike DiCarro
<b>KE8G</b>	Jim Blanca



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This is the **Electronic E-Mail** version of the **PCARS Newsletter, the RADIOGRAM**. The advantages to receiving this way are: You get **COLOR** pictures, **NO** postage needed, and delivered right to **YOUR** e-mail box! If you know of anyone else that would like to receive this newsletter, please have them send me an e-mail. The RADIOGRAM is published every month and is sent only to subscribers. If you would prefer not to receive this newsletter, we understand. We'll try not to take it personally. It's not you saying you don't like us, but maybe you just don't have the time to look at all this hard work we've done just for you. Hey, that's cool. But if your heart is truly set on making sure you no longer receive this newsletter, even though we promise to one day reveal the meaning of life in it and you're going to be really upset when you miss out on that. To remove your self from the mail list – send an e-mail to me at: [KB8UUZ@portcars.org](mailto:KB8UUZ@portcars.org)

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



NLC

