



The RADIOGRAM

When All Else Fails ~ Amateur Radio Works



July 2007 ~ Official Newsletter of the Portage County Amateur Radio Service, Inc. (PCARS) ~ Vol. 2 No. 7

~ 2007 Officers ~

President: - Tom Sly - WB8LCD
 Vice President - Jim Aylward - KC8PD
 Sec/Treasurer - Tom Parkinson - KB8UUZ
 3 Year Trustee - Russ Anderson - KB8DPN
 2 Year Trustee - Al Atkins - KB8VJL
 1 Year Trustee - Joe Wehner - W8KNO

~ Meetings ~

2nd Monday of
 every month. 7pm at
 Mike's Place
 Routes 43 and
 261 in Kent

~ Nets ~

Thursday nights
 8 PM
 on 146.895
 PL Tones
 110.9 Rootstown
 114.8 Kent

PCARS ARRL
 affiliated April 20,
 2006



From the President

Well, Field Day 2007 is behind us now. What a great time to get together and have some Ham Radio Fun! It was really good to see such a good turn out from club members, and we had a chance to make some new friends too. I know there'll be lots of FD coverage, so that's all I'm going to say here. But I will add "Thank you" to all who supported us!

Lets keep looking to all the good things we've still got coming up this summer. Saturday July 28th is the Club picnic at The Black Squirrel Oasis. Spouses and others are invited to attend and it's a good chance for them to meet all the rest of the "PCARS Nuts" they probably hear you talking about all the time.



The Portage County Sprint Contest is August 18th. This is a 2-meter contest so all licensed hams can participate. Get the rules, plan your strategy and see how you can do. In addition to a lot of fun, it's a good way to see what your equipment will do. Oh yeah, the Black Squirrel Oasis will be open during and after the contest – stop on by!

PCARS is planning to operate a club station for the Ohio QSO Party. That's on August 25th. Wow – back to back operating events! More to come on this.



September 7th
 is the Black
 Squirrel
 Festival at
 KSU

(tentative date, watch for confirmation or change). PCARS will be operating a special event station from the KSU Campus.

So there you go, lots of activities to keep us having fun over the summer! Be sure to be there because you can't have the fun if you don't participate.

PCARS has an interesting mix of Ham Radio Operators. We've got young hams and old ones. New hams and veterans. Operators and technical wizards. What makes PCARS such a Great Club is the diversity of our members. Add to that that we gotta be one of the *friendliest* bunch of hams I've ever been involved with and we've got a winning combination. So, keep up the good work. Don't let anyone walk into a PCARS meeting or event and not be made to feel welcome. Invite your ham and non-ham friends to get involved with us. We keep it going by keeping it growing!



PCARS is your club. The officers have done an outstanding job of putting together programs and activities and doing all the club business too. But maybe we've missed something that would be of interest to you! Please, please, let us know what you want to see PCARS doing in the future. We'll do whatever necessary to bring it to you.

In my 30+ years as a ham, I can honestly say I've never had as much fun with ham radio as I am right now. I hope you feel the same way.
 73

Tom – WB8LCD



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From the Vice President

Due to space limitations, not all of our Dayton Hamvention experiences made it into the June newsletter. I wanted to share a few of my experiences there because they were special for me.

A real high point was running into Mike Stewart, K0MDS, from Kansas. Mike is the guy that I worked with in Ocean Springs, MS, post-Hurricane Katrina and it meant a lot to me to get see him again and get caught up to date. He introduced me to his daughter Emily, KC0PTL, who was volunteering at the ARRL Expo Youth Activities booth. She is sixteen and has been licensed since she was ten.

Another real treat was stopping by the MARS booth. I had a chance to talk to Stu Carter, AAA9A, the new Chief of Army MARS. It was an informative conversation and he also gave a very upbeat presentation at the MARS forum on Saturday on his vision for the future of Army MARS.

At the MARS booth I also had a chance to talk to Steve Waterman, K4CJX/AAA9AC, who is the Winlink 2000 system administrator and a member of the WL2K development team. I really admire Steve and his fellow volunteers for all of the work that they have put into developing and maintaining the WL2K system for hams and MARS.

Our PCARS photo ops also led to a terrific conversation for Tom, WB8LCD, Parky, KB8UUZ, and I with Norm Fusaro, W3IZ, who is the ARRL Affiliated



Club/Mentor Program Manager. What a great guy! He is really in touch with twenty-first century club issues and is a tremendous resource for affiliated clubs.

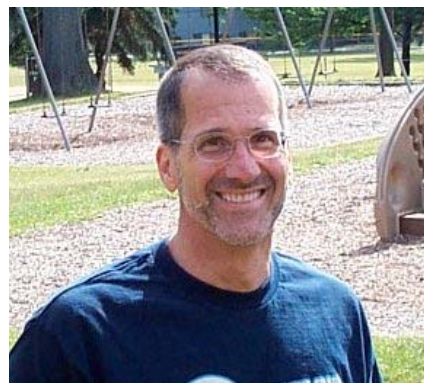
KC8PD - KB8UUZ - W3IZ - WB8LCD at the Hamvention

PCARS members will have some fun operating opportunities coming up in the next few months. The Two Meter Simplex Sprint is on August 18th and the Ohio QSO Party is on August 25th. We will be running a club station for the Ohio QSO Party and we will have more details at the



July club meeting. Also, we hope for a good turnout for the PCARS special event station at KSU for the Black Squirrel Festival on September 7th. We had a great time there last year.

Our VE team will continue to offer testing bi-monthly at the



Center of Hope at 10:00 a.m. on the first Saturday of the even numbered months. The plan is to offer Element Two – Technician, Element Three – General, and Element Four – Amateur Extra class tests at every

session. The next test session will be on Saturday, August 4th.

In order to help us plan, if you or anyone you know may be interested in taking any of the tests please call me at home (330) 297-7979, or send me a note at kc8pd@portcars.org. We will also accommodate walk-ins at each of these sessions.

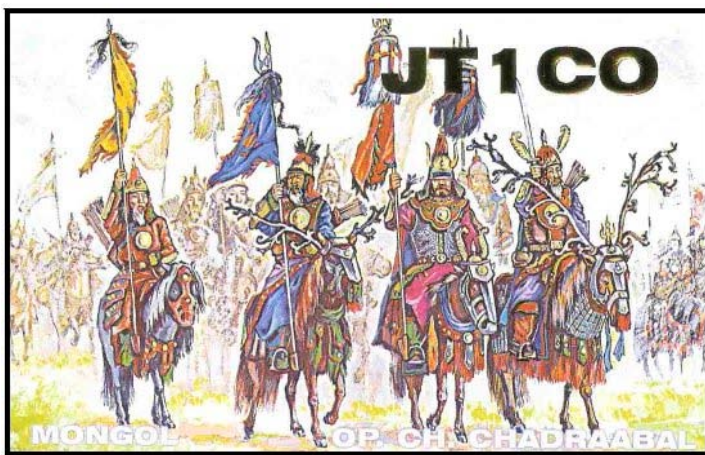
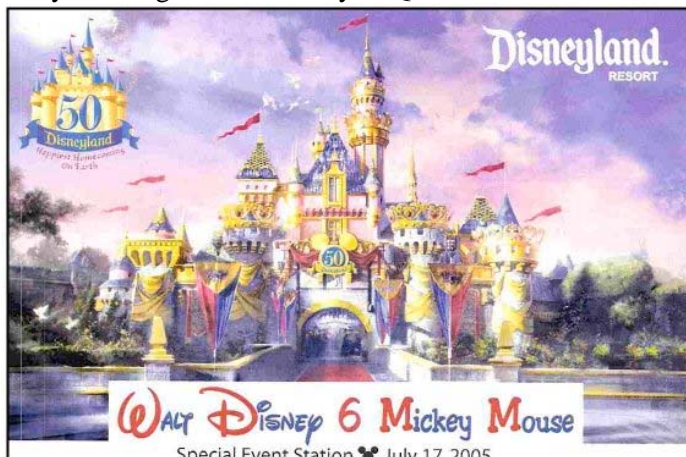
Watch for information later in the summer about the scheduling of our Technician class at Maplewood. I have already had some inquiries about it so start spreading the word.

Program and activity suggestions are always welcome. Let me know what PCARS can do for you. This is your club and we want it to be responsive to your ham radio interests.

Jim - KC8PD

Paper Chase

I have always written about how you need to do something to acquire a certificate or QSL card. That is true but the easiest way is to just be active and exchange QSL cards. The cards you get back may be a joy to behold. I have two cards that are exceptionally attractive and you will get some too if you QSL.



Hope to hear you in the pile ups.

Joe - W8KNO

PCARS Club Picnic

The PCARS Club Picnic will be held on Saturday, July 28th at the Black Squirrel Oasis in Sugarbush Knolls. (1480 Lake Martin Dr. Kent, OH 44240) Plan on showing up somewhere between 4:30 and 5:30 so we can eat dinner by 6 PM. The club will provide hamburgers, hot dogs and beverages. We'll be asking everyone to bring a side dish and/or dessert to add to it. So...I'll need to know who all is coming and what you would like to bring. If everyone says they're bringing baked beans, please don't be offended if I call you with another suggestion!

This is an informal gathering, however, we may have some organized craziness for you. Last years Ugliest Mobile Ham Shack contest was fun, so make sure you come in the vehicle that has all the "sticks" mounted on it! We could try something different too – let me know if you have any suggestions. The fire lighting demonstration by Mrs. KC8PD was also highly rated, so plan on sticking around, maybe we can get a repeat performance! Just plan on a relaxing evening with your favorite Ham friends.

Please let me know if you'll be coming, if you'll have anyone with you and what you would like to bring for the dinner. You can email me at wb8lcd@portcars.org. Please let me know prior to July 21st so I can make sure we've got all we need. Hope to see you there (here)!

Tom - WB8LCD

Charlie the Tuner's HF Hi-Lites

It's Charlie wishing you a happy Fourth of July. Be careful with those fireworks. We don't want anyone losing any digits. It's hard to tune the bands when your hand is in a big bandage.



I hope that you all had a great June and a fantastic Field Day to cap off the month. But this is now July and a lot of things are happening on the HAM bands. You'll notice an expanded IOTA section this month

because of the RSGB IOTA Contest at the end of the month.

For those of you who have been led to believe that nothing is going on because of the low sun spot cycle, let me just say that the week of June 17-23 saw 199 separate countries active on the bands and the week before that there were 208 recorded countries. So DX is alive and well. You just have to get on the air to snag them.

I so want to thank the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, the 425 DX News, and the ARRL DX Newsletter for providing the information. As always there is more information than we have room for here, so I have to take the liberty of picking some of the more choice tidbits to include in this column.

4X7, ISRAEL - Members of the Holyland DX Group will be active as 4X7AZ from **Akhziv Island** (AS-100, MIA MIR-001) between July 28th and July 29th. Activity will be on 80-10 meters, CW and SSB. They plan to have two stations on the air. Look for 4X7AZ to participate in the IOTA Contest. QSL via 4Z5LA.

9U, BURUNDI - DL7DF, will be leading a team of operators to East Africa to be active as **9U0A** between late evening (local time) September 26th and October 9th (noon local time). Activity will be on 160-6 meters on CW and SSB. One station will be exclusive on RTTY, PSK31 and SSTV. There will be a special emphasis on the lower bands and digital modes. The QSL route is via DL7DF.

9X, RWANDA - EA5RM, has announced that a multi-national team is planning to be on the air from Kigali this summer. Details will be announced later. Stay tuned!

C5, THE GAMBIA - ON7YK, will once again be active as C56YK from September 14-27th. Activity will be on 80-10 meters and also on 6 meter SSB. QSL via the info on QRZ.com.

FS & PJ7, ST. MARTIN AND ST. MAARTEN ISLANDS (Update/Survey). Operators CT1BWW, EA3GHZ and EA5YH will be active as FS/homecall and PJ7/homecall between July 15-25th. The trio (with their XYLS) will start their activity on the French side of the island but will make visits to the Dutch side throughout their stay. Activity will be on 80-6 meters, CW, SSB and the digital modes. QSL via their home call signs. Visit their very interesting Web page at:

<http://www.dxciting.com/index.htm>

They have also added to their Web page a survey to determine what bands and modes are needed the most for each entity. During their operation, visit the DXFUN Web page for updates, photos and logs.

IOTA ACTIVITY

AS-155 – Green Island – Six amateurs will be active as BV9G from Green Island (also known as Lu Tao, WLOTA LH-0495) during the RSGBIOTA Contest (July 28-29th). QSL via BV8BC.

EU-008 - Members of the Cockenzie and Port Seton Amateur Radio Club (CPSARC) will once again operate from the **Isle of Tiree (IOSA NH04, WAB NM04)**, the most westernly part

of Scotland's Inner Hebridean Islands, during the RSGB IOTA (Islands on the Air) Contest which runs from 1200z, July 28th to 1200z, July 29th, using the clubs special contest callsign GM2T. Pre-contest activity members will be signing as MM0CPS/P. QSL GM2T via the Bureau, or their QSL Manager GM4UYZ.

EU-031 - Seven Italian will be active as IC8R from **Procida Island (IIA NA-002, MIA MI-080)** during the RSGB IOTA Contest (July 28-29th). QSL via IC8OZM.

EU-042 - DF7FC, will be active as homecall/p from **Langeness Island (N-19 for the German Islands Award)** during the RSGB IOTA Contest (July 28-29th). His activity will be SSB only, with 100 watts. QSL via his home callsign; bureau is preferred.

EU-057 - DL5KUD, will be active from **Ruegen Island (O-07 for the German Islands Award)** during the RSGB IOTA Contest (July 28-29th). QSL via DL5KUD; bureau is preferred.

EU-123 - MM0NDX and GM1RIG will be active as homecall/p from Cramond Island during the RSGB IOTA Contest (July 28-29th). QSL via their home callsigns, direct only.

EU-127 - DL5AUA, will be active as homecall/p from **Neuwark Island (N-12 for the German Islands Award, ARLHS FED-165, TWLHD WLH DL-019, WLOTA LH-2311)** during the RSGB IOTA Contest (July 28-29th). QSL via his home callsign.

EU-128 - DL5XAT, will be active as homecall/p from **Fehmarn Island (O-01 for the German Islands Award)** during the RSGB IOTA Contest (July 28-29th). QSL via his home callsign.

EU-146 - There will be two separate groups working from **Schouwen Duiveland** during the RSGB IOTA Contest (July 28-29th). QSL via PA1BX.

EU-170 - 9A4ML, 9A2HW, and 9A4CD will be active as **9A9Z/p** from **Pasman Island (IOCA CI-085, CIA-34, ACIA IC-348)** during the RSGB IOTA Contest (July 28-29th). QSL via 9A1ADE; bureau is preferred.

KD8, UNITED STATES (USI Op). KD8DFD and KD8DWU will attempt to qualify **Duck Island (USI MD-030, Washington County, Maryland)** in the Potomac River for the first time on July 28th. Activity will be on 40 and 20 meters, mostly SSB, plus 2 meters. QSL via the USI eQSL or the callbook address.

Well that's it for another month. If I can do it, I will try to bring some updates during our weekly PCARS Net. Maybe I'll tell you about the 73 old grandmother who is going on DXpedition to two Islands in the Pacific. So until next time, keep the receiver sensitivity wide open so you don't miss that weak signal from some HAM having a great time on some mountain top or some beach somewhere. Remember, it may be you one day out there looking for a friendly voice to come back to your CQ.

Chuck - K8CMP

PCARS VE Test Sessions

PCARS VE sessions for 2007 are scheduled for the first Saturday of every other month and started in February.

VE sessions For Technician, General and Amateur Extra will start at 10:00 am at the Center of Hope, located at 1034 West Main Street in Ravenna. Walk-ins are welcome.



Please bring your original license, a copy of your license, your FRN number if you are already licensed, your original CSCE, a copy of your CSCE, a photo ID, and a check for \$14.00 made out to "ARRL-VEC". We look forward to seeing you there!!!!

Rest of the 2007 Schedule

Aug 4, Oct 6, Dec 1 - Center of Hope - 10 am

kc8pd@portcars.org. We will also accommodate walk-ins at each of these sessions.

Jim - KC8PD
PCARS VE Coordinator

New Style WAS Certificate

WAS Gets a New Look (Jun 14, 2007) -- Radio operators applying for the ARRL Worked All States (WAS) award will now receive a handsome, newly-designed certificate, sure to be a nice attraction to the ham who enjoys chasing awards and displaying prizes in the shack. The WAS Award is available to all amateurs worldwide who submit proof with written confirmation of having contacted each of the 50 states of the United States of America. The WAS Awards program includes 10 different awards and endorsements. Complete details, rules and applications for WAS can be found here on the ARRL Web site.

Those who already hold a WAS award can get the new style certificate issued to them at a cost of \$10. Contact ARRL Awards Manager, Eileen Sapko or 860-594-0288.

From the ARRL



PCARS Patches

PCARS logo patches are now available!! Put them on your hat, your shirt, your jacket!! These patches are approximately 3" and the embroidery is in Red, Black and Blue. The patches are \$2.00 each and can be obtained at any PCARS meeting. If you would like to order by mail - contact: kb8uuz@portcars.org



Mark Your Calendars

On the calendar for upcoming meeting topics & activities are:

- **July 9th** club meeting – **Banaba Island Dx-pedition**, April 2004, video
- **July 28th** – **PCARS Picnic** at the Black Squirrel Oasis
- **August 13th** club meeting – **Geauga County EmComm Van**, Bob, N8KBX
- **August 18th** – Second Annual **Two Meter FM Simplex Sprint**
- **August 25th** – **Ohio QSO Party** – PCARS Club Station
- **September 10th** club meeting – **APRS** by Russ, KB8DPN
- **September 7th** – **KSU Black Squirrel Festival** – special event station, note: this is the tentative date as of now
- **September 22nd** – ARRL Great Lakes Division Convention in Cleveland
- **October 8th** club meeting – **Jim Weaver, K8JE**, ARRL Great Lakes Division Director
- **October activity** – tentative project – handheld dual band satellite antenna
- **November 12th** meeting – **Radio Controlled Aircraft**
- **November activity** – TBS – tentative project –sound card interface kit
- **December 10th** – **Christmas Party**
- **January activity** – tentative – Powerpole Junction Box

Photos Wanted- PLEASE!

One of my PCARS projects this year is to get photographs of all our members. So, dust off the camera, have someone take a snap shot or two of you - preferably: radio in hand, or in your radio shack, or in your mobile set up, or working on an antenna - you get the idea. Send those pictures to me! If you don't have a

digital camera, send a regular photo to me & I'll scan it in. Looking forward to your photographs for the PCARS collection!

Tom - KB8UUZ

July Contest Calendar

| | |
|-------------------------------|--------------------------------|
| RAC Canada Day Contest | 0000Z-2359Z, Jul 1 |
| Six Club Contest | 0000Z, Jul 1 to 2400Z, Jul 31 |
| MI QRP July 4th CW Sprint | 2300Z, Jul 4 to 0300Z, Jul 5 |
| IARU HF World Championship | 1200Z, Jul 14 to 1200Z, Jul 15 |
| Colorado QSO Party | 1200Z, Jul 15 to 0400Z, Jul 16 |
| Run for the Bacon QRP Contest | 0100Z-0300Z, Jul 16 |
| CQ Worldwide VHF Contest | 1800Z, Jul 21 to 2100Z, Jul 22 |

Contest Calendar - Local Operating Events From the WRECS June Newsletter

July 4 - July 5, 1400Z-0200Z, Thompson, OH. Lake County Amateur Radio Association, N8GB. - Happy Birthday America! 28.460 7.248. Certificate. - George Bair, 386 Cedarbrook Dr, Painesville, OH 44077-2849.

July 21 - July 22, 1300Z-2100Z, Warren, OH. Warren Amateur Radio Association, W8P. 18th Annual Car Show from the National Packard Museum. 20 40 m general portions. Certificate. Gail Wells, PO Box 809 - Warren, OH 44482. www.w8vtd.org

Field Day Etiquette

More than any other event, Field Day puts PCARS and its members squarely in the public eye. The Field



Day Committee observed a number of problem situations, both on the air, and dealing with guests, public officials, and members of the press.

In particular, certain information was given out that not completely true, or could have been handled in a more diplomatic manner.

In future events, please do your best to put PCARS in a good light by refraining from the following:

PCARS officers should be referred to by their given name and/or callsign, not "Princess Anastasia".

- Our radio equipment does not operate on the principle of black magic.
- Do not taunt the French amateurs on the air.
- Sock puppets cannot be listed as control operators in the log.
- When dealing with officials or reporters, the club

president should be introduced as "Tom", or "Mr. Sly", not "our own Dr. Feelgood".

- Not allowed to trade radio equipment for "magic beans".
- You may not form any press gangs to put up or take down antennas.
- Inflatable sheep should be stored out of sight during the contest.
- Log entries should include your name and callsign. A smiley face is not an acceptable substitute.
- Senior members of PCARS are not old enough to have worked the first Field Day, which was not during the Civil War.
- You are not allowed to bum cigarettes off of anyone under twelve.
- Prohibited: Use of logging computers to bootleg pornography. Even if they are "especially patriotic films"
- Avoid making a Citizens Arrest during the contest. For example, you cannot arrest children for being rude.
- "No Drinking Of Alcoholic Beverages" does not imply that a Jack Daniel's thru an IV is acceptable.
- You are not authorized to sell mineral rights to the Field Day site.
- If detained by local police, your ham license does not give you the right to a strip search.
- Tell reporters that we conduct Field Day in a gentlemanly manner. We do not "charge into battle, naked, like the Celts".
- The purpose of Field Day is to have fun in a technically challenging environment, not to "conquer the earth with an army of flying monkeys."
- The Mayor has neither the time, nor the inclination to hear about what you did with six boxes of Fruit Roll-Ups.
- If you cannot successfully complete a contact, simply go on to the next contact. Do not challenge the other station to "Meet me on the field of honor, at dawn".
- Our radio equipment cannot be assembled into a giant battle-robot.
- Do not tell guest that we are hearing conversations from the NSA, FBI, CIA and KGB.

The Field Day Committee thanks you for your cooperation in these matters.

Bill - WB9LBI

Happy Birthday PCARS Members

Seven PCARS member have a birthday in July:

K8CMP - Chuck Patellis
N8FTP - Larry Cole
KB8JFF - Richard Ward
N4PKW - Rod Thompson
WB9LBI - Bill Fraedrich
AB8IE - Ken Westover
KD8EPA - Dan Porcase

Hamfest Calendar

14 Jul 2007 + NOARSFEST - Northern Ohio ARS - <http://www.noars.net> - Talk-In: 146.70- (open repeater) - Contact: Thomas Porter, W8KYZ - 161 Herrmann Drive - Avon Lake, OH 44012 - Phone: 440-930-9115 - Email: tporter161@oh.rr.com - Wellington, OH - Lorain County Fairgrounds - Route 18

14 Jul 2007 + NW PA Hamfest - Wattsburg Wireless & Union City Wireless Associations - <http://www.nw-pa-hamfest.com> - Talk-In: 146.70- and 147.315+ - Contact: Floyd Titus, WA3LCO - 8777 Wattsburg Road - Erie, PA 16509 - Phone: 814-825-8599 - Fax: 814-825-1349 - Email: titus@velocity.net - Erie, PA - Greene Township Municipal Building - 9333 Tate Road.

29 Jul 2007 + Portage Hamfair 07 - Portage Amateur Radio Club <http://www.hamfair.com> - Talk-In: 145.39 MHz -600 - Contact: Joanne Solak, KJ30 - 9971 Diagonal Rd. - Mantua, Ohio 44255 - Phone: 330-274-8240 - Email: KJ30@arrl.net - Randolph, OH - Portage County Fairgrounds - 4215 Fairgrounds Rd.

9 Sep 2007 + Findlay Radio Club - <http://www.findlayradioclub.org> - Talk-In: 147.15/.75 - Contact: Dean Calvin, N8RMF - 141 Olive Street - Findlay, OH 45840 - Phone: 419-423-3402 - Email: n8rmf@arrl.net - Findlay, OH - Hancock County Fairgrounds - 1017 East Sandusky Street.

Swap-N-Shop

FOR SALE: **Kenwood MC-60A** desk microphone; excellent condition. Will also include optional MJ-88 8 pin to modular adapter. I am asking \$120 for it, but am willing to negotiate. If anyone is interested feel free to drop me an email at N8WLE@portcars.org. **Nick-N8WLE**

WANTED: **HF Amplifier** - Am looking for good used HF amplifier. 600 or 1000 watts. If anyone has something to offer send me an email at N4TIE@portcars.org. **Carl-N4TIE**

WANTED: **Cheap 2 meter radio** to use for packet. Does not need to be pretty! Just dependable and did I say cheap?? Let me know what you've got that you want to get rid of. Contact WB8LCD@portcars.org **Tom - WB8LCD**



PCARS Meetings - Mike's Place

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

meets on the second

Monday of

every month at

Mike's Place -

1700 S. Water

St. - Kent. Meetings start at 7 PM sharp and all are invited to attend. You can find out a whole lot more about Mike's Place on the web at:

www.mikesplacereastaurant.com

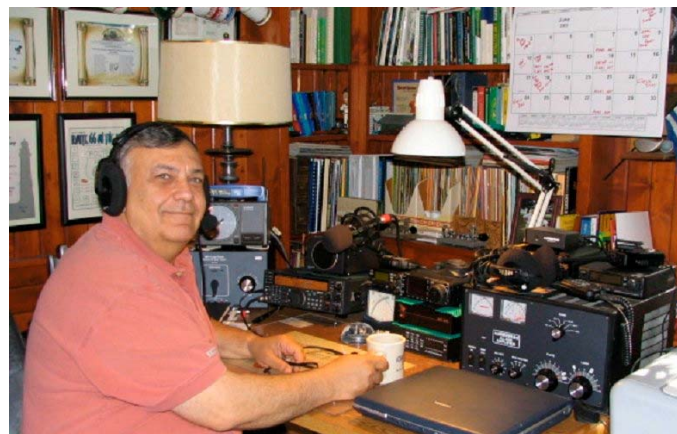
You can look over their entire menu and see some interesting stuff on the web site. Check it out!



Eye-Ball to Eye-Ball

This month's E2E is with ... well it's with ... um... me! Chuck Patellis, from Parkman, OH (Geauga County).

I got my start July 4th, 1947, during a double header between The Indians and the Yankees. And boy was my mom's doctor ticked since he was at the game and was called to the phone. Back in those days, they didn't have other doctors take one's place. Dad said he could hear Dr. Levy cussing a blue streak coming down the hospital hall to mom's room.



My childhood was pretty normal. During the summer vacations from school I played from dawn to dusk (had to get home when the street light came on) and mostly played with my best friend, Duane. Baseball, football, Cowboys and Indians, war, etc, were normal fare with Kick the Can thrown in when I was older.

But my 15th birthday brought something new into my life. That was the day I received a new transistor radio that was also able to pick up short wave stations. One night I discovered a couple of guys talking to one another and one guy was from Twinsburg and the other was from someplace out west. The station from Twinsburg was W8RHZ, Harry Steffan. He was a grand

old man who had a tremendous AM station made up mostly of Collins and Hallicrafters equipment. I was caught! The next day, Duane and I sat at my folks picnic table and we were both awed by what we could hear. That was 1962 and it was the beginning of my involvement in a great hobby. Later that year both Duane and I took our Novice license test and he became WN8FHP and I became WN8FQK. My novice station was made up of a straight key (still have it) and an Eico 720 transmitter and a Hallicrafters SX-110 receiver. Boy, I loved that set up. The next year we both passed our Technician test and I got a Hallicrafters HT-40 and an Ameico 6 meter transverter. This allowed me to get on to 6 meter AM.

On Jan. 21, 1964, I was able to thank Harry, W8RHZ, personally during a 6 meter QSO, for being instrumental in my getting my Amateur Radio license.

I'm not sure when Clegg brought out the Venus 6 meter SSB transceiver, but not long afterwards, my parents blessed me with one and a new 50' tower and 6 element Long John beam for 6 meters. I was in heaven. 75 watts on 6 meter SSB.

I continued this way until 1970 when I got married and Jeanne and I moved to Akron so that I could go to law school. I joined the ARC there and was able to get on the air once in a while. But school took up most of my time. Then with several moves (Hiram, Youngstown, Cleveland, back to Hiram) I simply could not get on the air and allowed my license to lapse in 1974. During those idle years I kept my fingers in HAM radio by building my HeathKit SB-303 and later my SB-401. Duane kept his license throughout and became an excellent contester, winning several awards including DXCC with well over 300 countries. I knew what I had missed and with Duane constantly urging me to get back on the air, I finally studied and took my General test in the Fall of 2004.

All I can say is that the one thing I had not kept up on was the price of Amateur Radio equipment. When I finally started to look for a rig around which to build my first station in 30 years, sticker shock was rampant. I settled for a Kenwood TS-570SG because I wanted to have the ability to kind of "go home again" and be able to work 6 meters. My station now consists of the following: Kenwood TS-570 SG, Icom IC-7000, Icom IC-V8000, Yaesu FT-2500M, and a Yaesu VX-170 HT. My antennas are a Mosley TA-33 Sr. with the additional element for the WARC bands, at 50' and a M² 6M7-JHV 7 element widespaced Yagi for 6 meters at 60'. Oh, did I mention the Ameritron AL-80B foot warmer? I'm hoping to add something for 40 meters but have not yet settled on anything.

When I was a teen, my parents always knew where I

was because I spent most of every evening on the air. Now my wife knows where I am because I seem to be doing the same thing. My HAM interests are hunting DX, contests, and simply rag chewing. I love SSB and am getting back on CW again. It's fun! It's exciting! And it's my main hobby. Other interests include fly fishing and collecting fly rods – tying my own flies, and reading. I have a grown son, Christopher, and a grown daughter, Rebekah, and of course my wonderful, understanding wife, Jeanne.

So that's my little tale. I hope that I can corner someone else for next month's Newsletter. Until then, 73's to all and "Gud DX"!

Chuck - K8CMP

Field Day & EmComm

PCARS Field Day weekend was terrific! Over half of the club's current members attended and we had nearly forty guests, public officials and agency representatives. This was only PCARS second club Field Day and we can be proud of how well things went.

Equipment and Operations

Club members were at the site by 8:30 Saturday morning and setup was well underway by shortly after nine. One big change for 2007 was that we elected to be a 4 Alpha station, meaning a club operating four HF stations on emergency power, versus our 3 Alpha station in 2006. In addition, we operated a Get On The Air station and a VHF station on six meters.



The additional transmitter added some level of complication because we wanted to be sure that we minimized interference between stations. At the suggestion of Ed, N8EQJ, we moved the forty meter station a few hundred feet away, putting it in deep left-centerfield of the baseball field. Ed erected an inverted vee with an east-west orientation although he made some occasional adjustments as band conditions changed.

That left the dedicated twenty meter station, the GOTA station on fifteen meters, the band/mode agile station, the CW rig, and the six meter station all under the shelter. We used bandpass filters on the twenty and forty meter stations and they seemed to benefit from those.

Chuck, K8CMP, once again set up and manned the twenty meter rig and was its primary operator but got relief from other ops whenever he needed it. He first set

up a sloper for twenty on a mast that N8EQJ provided, but replaced it with a Carolina windom. By the way, if you ever need an indestructible portable antenna base see Ed, N8EQJ. The ones he builds could be bridge supports.

The GOTA station was committed to fifteen meters with the hope that the band would be open, and the Buddipole was tuned up (almost flat) for fifteen and left there. We chose fifteen meters so that the GOTA station could operate without interfering with the contesting rigs.



Unfortunately, fifteen only gave us seven contacts on the GOTA station on Saturday before the band just died, which put a real dent in its utility as a demonstration station. Instead we dragged the guests out to listen to Ed running forty. On the plus side, by noon on Sunday fifteen was active and we made a number of contacts from the band agile station.

The band/mode agile station was hooked up to a Buckmaster off-center fed dipole running north-south about forty feet up in the trees. The primarily CW rig used a 106 foot G5RV at twenty five feet that was strung between portable military surplus masts running east-west but close to the south end of the dipole. Both antennas worked quite well and interference between the two was generally avoided.

In addition, Russ, KB8DPN, installed receive and transmit two meter verticals for the APRS demo station. The six meter station ran a squalo at about twenty feet, for a total of eight antennas on site.

On top of the APRS demo we were also able to run Airmail/Winlink 2000 and MT-63 as non-traditional modes and Tom, WB8LCD, also briefly ran QRP on a solar/battery powered station.

Logging

Operations were made a lot easier by having a wireless networked computer system using the N3FJP Field Day network software. Credit for the computer logging goes to Jim, KC8RKV, and Russ, KB8DPN, who got it up and operating and saw all of us through a couple of early glitches without any



loss of data. This is great software that is easy to run. Enter the call sign, class, and section and hit 'return' and that's it. I got a kick out of working the N3FJP Field Day station on eighty meters and getting a chance to compliment them on the software.

A big 'thank you' to all of our loggers. They included Tom, KB8UUZ, Doug, KC8OHQ, who was also a guest who had recently upgraded to General, Julie, KD8AYJ, Bill, WB9LBI, Karen, WD8BIW, Kathy, KD8FLW, Bob, KD8FLX and Chuck, K8CMP. We did not keep a separate list of loggers and I hope that we have been able to include them all here. A special thanks to Ken, AB8IE, who logged for me into the wee hours of the morning.

Operators

An important goal for the FD committee was to get more operators on the air. We had a great combination of long-time testers and brand new hams operating this year.

PCARS members included in the list are Chuck, K8CMP, Jack, K8HGX, Terry, KB8AMZ, Tom, KB8UUZ, John, KC8KYW, Errol, KC8RJR, Jim, KC8PD, Bill, WB9LBI, Kathy, KD8FLW, Bob, KD8FLX, Ed, N8EQJ, Nick, N8WLE, Tom, WB8LCD, Rich, KD8FDK, and Dan, WD8DAU.

We also had guest operators, Glen, K8CZC, and Julie, KD8AYJ. Thanks to them for coming out and helping!

Results

The preliminary tally says a lot about how well our efforts paid off. Even though we only added one more station, we doubled our number of contacts over 2006. Our total point score should be about 60% higher than it was last year.

As mentioned above, we had three demonstration modes (only one in 2006) as well as the natural power QSO's (none last year.)

It was never our plan to be a highly competitive station but this year's results are outstanding and set a benchmark for us to exceed in 2008.

After all, what was most important to us about Field Day was:

The Fun Stuff

You know our motto: if it ain't fun why are we doing it? Well on top of all the entertaining radio activity, Field Day made for a great party.

Aside from the debt of gratitude to all of the donors who are mentioned elsewhere in the newsletter, special thanks go out to Tom, WB8LCD, and Errol, KC8RJR, for all of the fine food. Pizza and wings for lunch on Saturday followed by an outstanding steak dinner with baked potatoes and grilled vegetables. The overnight

crew really appreciated the huge trays of egg casseroles on Sunday morning that Mary, WB8LCD's XYL, had so graciously prepared for us.

There was a never-ending supply of snacks and beverages and fresh hot coffee for the sleep deprived. If you went hungry at this event you just weren't paying attention.

Even better was the amateur radio camaraderie that was enjoyed by all. Do you know of another hobby that brings together such a diverse group of people? PCARS has been such a terrific vehicle for restoring ham radio fellowship in the Portage County area. We have over seventy active members and more than half of them made it to Field Day weekend.

EmComm

What does all of this have to do with EmComm? Well don't forget that one of the main purposes of Field Day is to literally get hams out into the field to show how they can provide communications using a variety of modes over all of the ham bands under conditions that simulate an emergency setting.

Who is that important to? How about agency guests and public officials? Jon Barber, the EMA director, Bonnie Wilson and Jennifer Harvey from the Red Cross, Chief Steve Bosso of the Ravenna Township Fire Department and Firecom, Ohio Army MARS Director Duane Crawford, W8DAC/AAA5OH, as well as Ravenna Mayor Kevin Poland, each spent up to an hour apiece at our Field Day site.

They got the full tour with an explanation of what each station was doing and a description of each antenna. We also took time to explain how amateur radio can assist each of them and their clients or constituents when regular communications are disrupted. It was an educational experience for all of them and will help further cooperation between amateur radio and the Portage County public sector.

Thanks to all!

As Field Day Chair, I want to thank everyone who helped and everyone who attended and made this such a special weekend for all of us. Planning started six months ago and the dedication and efforts of the Field Committee members, Chuck, K8CMP, Ed, N8EQJ, Tom, WB8LCD, Al, KB8VJL, Nick, N8WLE, Jack, K8HGX, Mike, KB8TUY, Errol, KC8RJR, Russ, KB8DPN, and Jim, KC8RKV, made this Field Day a success.

So it's never too early to start thinking about Field Day 2008. Are we going to see you there?

Jim - KC8PD

From the ARRL Letter

Kenwood Purported to Merge with JVC in 2008

A consumer electronic magazine, This Week in Consumer Electronics (TWICE), reports that Kenwood has agreed to merge in 2008 with Victor Company of Japan (JVC) under a holding company. JVC is owned by Matsushita Electric Industrial Company. Japan's Nikkei business newspaper reports that

The Kenwood logo, featuring the word "KENWOOD" in a bold, sans-serif font. The letter "K" is stylized with a red triangle pointing upwards from its base.

the final details should be worked out by the end of the month, and that under the plan, Kenwood will buy 20 billion yen (\$161,469,466) in JVC shares as early as this summer, raising its stake to 13 percent. Matsushita will also sell part of its 52.7 percent of JVC to Kenwood's top shareholder, the Sparx Group. When JVC and Kenwood integrate operations under the holding company in 2008, Matsushita will sell the rest of its JVC shares to the holding company to complete the transaction. The holding company's stock will be listed instead of Kenwood and JVC, according to Nikkei. Combined, Kenwood's and JVC's sales are \$7.3 billion dollars annually for their fiscal year that ended March 31.

Ducie Island, VP6, DXpedition Gears Up

The Daily DX reports that the Ducie Island DXpedition Team, VP6DX, has been busy behind the scenes preparing for the much anticipated February 2008 DXpedition. It was also announced that the VP6DX team decided to extend the duration of the DXpedition. Plans are to depart Mangareva Island, part of the Gambier Islands in French Polynesia, via ship on February 5, 2008 and head for Pitcairn Island; this trip normally takes about 36 hours. The ops will spend a few hours on Pitcairn before taking another 36 hour trip boat ride to Ducie Island; they plan to arrive at sunrise on February 9, and hope to be up and running within 24 hours. The team needs to be back on Mangareva by March 3. If all goes well, including the weather, they will have VP6 on the air for as long as 19 days. There is a slight chance of a short visit to another uninhabited island if things on Ducie slow down. Henderson Island (also VP6, not a separate DXCC entity) is the only island on the way to and from Ducie Island.

FCC Dismisses Petitions for Rule Making

The FCC today granted requests to withdraw two Petitions for Rule Making (PRM) concerning "spectrum deregulation in the Amateur Service," as well as a vanity call sign request for a call sign outside the Commission parameters. In the Order, the FCC first granted a request to withdraw a PRM by the Communications Think Tank (CTT), filed June 20, 2005, that requested the FCC

"discontinue mandatory segmentation of emission modes and the activities using these modes in the Amateur Service, and substitute a voluntary system of coordination to achieve greater, and more efficient, utilization of frequency allocations within the amateur radio bands." On November 6, 2006, CTT requested its PRM be withdrawn. On November 14, 2005, the ARRL requested the FCC "comprehensively modify the means by which the extremely varied emission modes in the Amateur Radio Service are developed, experimented with, implemented and regularly utilized in the course of normal Amateur Radio communications." On April 27, the ARRL requested its petition be withdrawn. In the Order, the FCC agreed to drop both PRMs, saying they will take "no further action with respect to these petitions for rulemaking or the comments filed in response thereto." The Commission went on to say in the Order that both PRMs are "dismissed without prejudice," meaning the subject may be revisited at a later date.



From the ARRL

We're Known In France!



Mercredi 04 avril 2007



06h30 - Vous n'êtes jamais trop vieux - Radio

L'information vient de l'ARRL (American Radio Relay League) l'indicatif KD8ETS a été attribué le samedi 2 décembre 2006. Quand vous avez obtenu votre licence, vous avez été probablement très excité pour toutes les joies qu'allait vous apporter votre nouveau passe-temps et soulagé que l'examen soit derrière vous. Pour bon nombre d'entre nous, cela s'est produit quand nous étions des adolescents. Pour d'autres vous êtes venu au radioamateurisme plus tard alors que vous étiez devenu des adultes. Mais très peu de nous ont entendu, comme Clarence des "félicitations, vous êtes passé !" à l'âge de 91 ans.

Sur la photo au centre Clarence KD8ETS fier de montrer sa licence avec de gauche à droite, N4TIE Karl Capps, KB8DPN Russ Anderson, KB8UUZ Tom Parkinson et KC8PD Jim Aylward.

Pour visionner une vidéo sur notre activité cliquez sur l'adresse suivante : http://ed74.ref-union.org/video/seynod_mag_2006_08.wmv

This is a translation of the article on the French website of F8KFH:

"You are never too old - Radio information comes from the ARRL (American Radio Relay League) code KD8ETS was atribué Saturdays December 2, 2006. When you obtained your license, you were probably très excited for all the joys which was going to bring to you your new pastime and relieved that the examination is behind you. For good number among us, that occurred when we were teenagers. For others you came to the radio amateurism later whereas you had become adults. But very few us heard, like Clarence of the "congratulations, you passed!" at the 91 years age. On

the photograph in the center proud Clarence KD8ETS to show its license with left on the right, N4TIE Karl Capps, KB8DPN Russ Anderson, KB8UUZ Tom Parkinson and KC8PD Jim Aylward. "

F8KFH Web Site

PCARS Thursday Net Information

Net Control Schedule

| July | |
|------|--------|
| 5 | W8KNO |
| 12 | WB8LCD |
| 19 | K8CMP |
| 26 | KC8PD |

| August | |
|--------|--------|
| 2 | KB8UUZ |
| 9 | WB8LCD |



Tom - WB8LCD
PCARS Net Control Coordinator

Notes on Field Day

This year's Field Day theme was "Bitten By The Bug." As it turns out, this was actually a reference to the mosquitoes that scored their own FD points off of me.

Bill - WB9LBI

I joined a local repeater group here for field day. This was the 4th year that I joined them for it. We had a blast ,I spent about 8 hours working 40 meters, I made about 130 contacts. The funny thing we made no contacts to the west they were all east . We camped out at the site Friday and Saturday nights. Hope you guys did well. 73's

John - KC9ACX

I had a blast at this year's Field Day! Unfortunately I was only able to make it for a few hours Sunday morning, but had the chance to talk with many of the club members and work one of the stations. I worked 40 meter phone and made a few contacts - including one with the author of the logging software we were using, which was very neat. While I was there, Bill - WB9LBI - and I took care of getting the traffic passed to get the club points for Field Day messages. It seemed like everyone was enjoying themselves (I know I did). I am already looking forward to next year. Congratulations to everyone for making this year another success. 73

Nick N8WLE

I just wanted to say that, as a new PCARS member, I felt very at-home at Field Day. Everyone was friendly and helpful, I learned some new things -- and had a ball!

John - KC8KYW

We want to say "Thank You" to everyone for what was a wonderful rare opportunity that we experienced at Field Day. We are new to the field so being able to see so many modes and bands actually being worked was very exciting. And we were actually helping some of the stations, which really got the old adrenaline pumping, what a fun experience. Watching and helping set up and take down was really interesting and fun too. The food was delicious that the club provided for everyone, surprising under the circumstances of being in the park, what a great job! We decided to spend the night, and boy were we glad we did. It wasn't bad at all. What a great group of people, all willing to share their information with us and actually show us and see what they mean. This will sure go down as one great and fun event that we hope to share in again.

Bob - KD8FLX
Kathy - KD8FLW

It was my first field day and it was great. I enjoyed logging for Ed, N8EQJ as he worked 40 meters staying on a roll. After enjoying a superb steak dinner chef'd by WB8LCD I logged my first QSO on Ed's Kenwood 2000. Nice Rig! I met Kathy, KD8FLW and her husband Bill, KD8FLX who also logged for Ed and used his rig to log some QSOs of their own. On Sunday I came back and sat in with Bill, WB9LBI as he worked CW. I was impressed by his organizational skills as he logged QSO after QSO in a consistent and continuous manner. Terry KB8AMZ then took over for Bill and I watched him also. Both men gave me encouragement as I venture into CW and amateur radio. Thanks to all of you for making field day memorable.

Rich - KD8FDK

We did have a great time! Thanks for the steak and baked potato. They were really great. I commend you all for a great job. I know you all worked hard and it showed. Definitely an awesome club.

Bob - WB8OVQ
Karen - WD8BIW

This was my second field day with PCARS, as it was for many others. Nothing will replace the feelings I had during the first one. But this one was very satisfying. I now see that each year we will see how to do something even better the next time out. And that is part of field day. If it ever comes to us doing the same thing every time, then some of the excitement for me will be lost. I look forward to improving every year in how we set up, in how we operate, in learning what our limitations are

and then trying to push the envelope. The camaraderie among PCARS members is always something to which I look forward. I am anxious to see how well we did point wise, but frankly, that is secondary to getting together and simply having a great time. Field Day 2008 is only 360 days away! Planning has already begun!

Chuck - K8CMP

If you looked around on Field Day, you found me missing. I was in Red Wing, Minnesota for reunion of the USS Hammerberg, DE-1015. Because I knew I would not be in town, I contacted the Hiawatha Amateur Radio Club of Red Wing and they said I could come by and operate. I drove to Memorial Park Saturday evening before a reunion activity and met some members of their club. It is small club with 28 members and I bet I met at least 1/3 of them at field day. Their site was on the top of Memorial Park, 350 feet above the city.



Red Wing has a population of just over 16,000. The park is locked from 10:30 p.m. till 10:00 a.m. I was there at 10:15 a.m. and I was welcomed and I could have been on the air in five minutes but I asked to have some time to get a few pictures. The operator closest to me in the photo is Lee, KC0GYG, club secretary.



The call being used was N0DH, Don whose call it is an extra class and gave them more HF spectrum. I got to operate the 40 station with Art, KB0LYL, the club president. We had a good time and I must thank each and every member of their club for welcoming me and making me feel like I contributed.

It is as we say, "If you do not recognize someone at the club meeting, go up and introduce yourself." That good feeling is what I will always remember from my visit.

Joe - W8KNO

My wife Debbie and I headed out for a vacation in Sedona, AZ early last week. Because of that we would be missing the PCARS Field Day event this year. But...we did manage to drop in on the Verde Valley Amateur Radio Association's Field Day held up on Mingus Mountain in the Prescott National Forest Area. In the picture where I am standing next to a local ham....that ham is Terry KB7TRE.



When we stopped in Saturday afternoon there where about 40 people there for their event. It was just a terrific location for a club's field day!

Al - KB8VJL

I had a ball! Thanks goes out to everyone that helped make PCARS Field Day 2007 a great success!! This was the first time we used a logging program and it was just super! The steak dinner was fantastic! Seeing so many members and guests show up was terrific! Even the Mayor of Ravenna showed up at 2 in the morning and stayed around for almost an hour talking with the night crew! I sure was worn out even though I did grab a couple of hours sleep in the car, but it was worth it! As good as it was, next year will be bigger & better for sure!

Tom - KB8UUZ

PCARS Yahoo Site

Members are reminded that PCARS has a Yahoo Site dedicated to PCARS information. It's a great site to sign up for and get on the mailing list. Check out the PCARS web site at www.portcars.org and follow the link to sign up.



N8EQJ Repeater Upgrades

We tend to take for granted that when we key up the radio to access the 146.895 repeater that it will be there and working for us. However, we also forget that it is someone else who has undertaken the effort to install and maintain the equipment.



Locally, it has been Ed, N8EQJ, and Tony, N8KW, who have been primarily responsible for the continued operation of the repeater that they have graciously made available to PCARS and the Portage County RACES unit for their nets and other activities.



In June, Ed and Tony installed the new transmitter, controller and 220 link that Ed had assembled. The transmitter is located on the top floor of Leebrick Hall, a KSU dormitory.

Watch for Ed's write-up in next month's newsletter detailing the repeater's components and his continuing upgrades to them.

Jim - KC8PD

Some Words From Weaver

More BPL Comes to Michigan -- and?

A California company has partnered with Consumer Energy of Central Michigan to provide BPL. The ultimate goal is to move BPL nationwide. The Michigan installation should not cause problems to amateur frequencies. Watchful waiting is the word for the day.

The coming system is scheduled to use Kaicom equipment and operate on 2-34 MHz. A review of the equipment by Ed Hare, W1RFI the ARRL Lab Manager, shows it contains notching so it can avoid QRMing all ham frequencies. Of course, proper operation of the equipment will be needed to avoid QRMing ham frequencies.

When improperly operated, the equipment can cause interference. However, in the spirit of watchful waiting, anyone who believes they are experiencing BPL QRM should be doubly cautious to avoid making unsupported

complaints against the system. We need to avoid damaging our own credibility.

As Dave Sumner, K1ZZ said, we must not "put ourselves in the position of the neighbor who complains about RFI when the tower goes up but before the transmitter is connected."

A story regarding the Michigan expansion is at: <http://sev.prnewswire.com/computer-electronics/20070613/NYW08013062007-1.html>.

Of course, SM Dale Williams, WA8EFK and his crew of BPL watchers in the Lansing area are already on the job, prepared to work with Consumer Energy to monitor the new system as it develops. The local BPL oversight committee will coordinate closely with WIRFI through its operation.

Updated General Class Study Book

The new, updated ARRL General Class License Manual is available from HQ and, probably, local retailers. It is designed around the exam question pool that becomes effective July 1.

Division Convention

Don't forget the Great Lakes Division Convention on



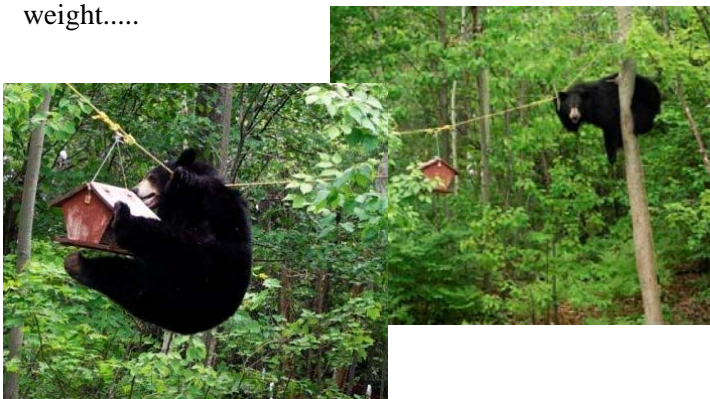
September 22 in Cleveland. This is the day before the Cleveland Hamfest. The Convention features interesting and informative seminars on several aspects of Amateur Radio topics. These are given by top-notch hams in the respective areas. ARRL President Joel Harrison,

W5ZN will speak at the Convention dinner on Saturday evening. At other times, he will be available for casual discussion. Watch for further information.

Jim Weaver - K8JE

ARRL Great Lakes Division Director

Editors Note: Jim sent me an e-mail and attached a couple of pictures. He wondered if these were photos of one of our black squirrels which had put on a bit of weight....



ARECC Level 1 - Special Rebate

Thanks to an anonymous donor, any PCARS member starting, and successfully completing the ARRL Level 1 course during 2007 will get the ARRL membership course fee of \$45.00 reimbursed to them.



The donor feels this course is so important and encourages everyone to take advantage of this offer no matter what emcomm service they choose to participate in.

If you are not an ARRL member (this may encourage you to join), the non-ARRL member ARECC course fee is \$75.00, for ARRL members, the course fee is \$45.00 - the reimbursement is \$45.00. The course is taken over the internet and will take about 25 hours of work to complete.

Complete information on the course and the link to register can be found on the ARRL web site.

From the Rate Sheet

Dates for the **IARU HF Championship** dates are erroneously listed in the July QST Contest Corral as July 7-8. The correct dates are **July 14-15** as shown in the April QST contest announcement. The Web version of Contest Corral has the correct dates.

Problems with the **June VHF Contest email robot** inappropriately rejecting Cabrillo logs have now been fixed. The problems include band and mode identifiers, and rejecting 6-character grids. Discussions are under way regarding what efforts can be made in the future to avoid such undetected problems. If your log was rejected, please give it another try.

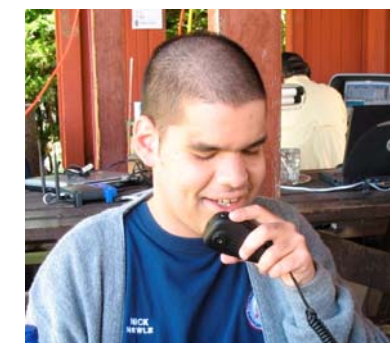
ARRL Rate Sheet

WA8CIA - sk

It is with deep regret we note the passing of Earle H. Conner, Jr., WA8CIA, on June 30th after a long illness. Earle was a resident of the Gardens of Western Reserve Nursing Home, and prior to that, Anna Maria Nursing Home in Aurora. In his time, Earle was an avid CW operator, a mode he used to win the Worked All States and DX Century Club awards. A native of Poland, Ohio, Earle spent most of his professional career as an electrical engineer for United States Steel in the Pittsburgh. Among his survivors are his daughter Betty Murray, a long-time teacher in Streetsboro, and his grandson Andy KC2ECE of Palm Beach Gardens, Florida.

Bill - WB9LBI

Pictures from Field Day



Special Note: These are just a few of the pictures taken during Field Day 2007. I'll be putting a CD ROM together for all that participated with ALL the pictures. If you missed out on this years Field Day and would like the CD-ROM - please let me know - Tom KB8UUZ

Pictures from the June Meeting

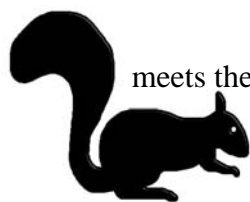


Thanks

Well, that's the 7th issue of the PCARS newsletter the 'RADIOGRAM' for 2007. I appreciate your help in getting material for me. All the members look forward to getting this newsletter every month, so keep sending me those inputs! Thanks goes out to this months contributors: **WB8LCD, KC8PD, W8KNO, K8CMP, KB8UUZ, WB9LBI, KD8FLX, KD8FLW, N8WLE, KC9ACX, KB8VJL, KD8FDK, KC8KYW, WB8OVQ, WD8BIW, K8JE, WRECS** newsletter, the **ARRL**, and the **World Wide Web**. With your continued help – we can make this a great newsletter.

Tom - KB8UUZ
Newsletter Editor





The Portage County Amateur Radio Service, Inc. (PCARS)
 meets the 2nd Monday of each month at 7:00 PM at Mike's Place – Routes 261 & 43 in Kent
 All are welcome to attend – Drop in and say hello!



"When All Else Fails - Amateur Radio Works"

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

Repeater is graciously provided by N8KW for use by PCARS members



PCARS Appointments & Committees

| | | |
|-----------------|--------|--------------------|
| Awards | W8KNO | Joe Wehner |
| Call Trustee | KB8VJL | Al Atkins, Sr. |
| Contest | W8KNO | Joe Wehner |
| Coordinators | K8CMP | Chuck Patellis |
| Field Day | KC8PD | Jim Aylward |
| Historian | KB8SZI | Peggy Parkinson |
| KD8CKP QSL Mgr. | KB8VJL | Al Atkins, Sr. |
| Net Coordinator | WB8LCD | Tom Sly |
| Newsletter | KB8UUZ | Tom Parkinson |
| PIO | KC8PD | Jim Aylward |
| Secretary | KB8UUZ | Tom Parkinson |
| Repeater | WB9LBI | Bill Fraedrich |
| VE Team | KC8PD | Jim Aylward |
| | KB8UUZ | Tom Parkinson |
| | KB8DPN | Russ Anderson, Sr. |
| | N4TIE | Carl Capps |
| | WB8LCD | Tom Sly |
| | N8XTH | Deron Boring |
| Web Master | KB8DPN | Russ Anderson, Sr. |



PCARS Mentors – Need some help or advice?
 Contact by email at <callsign> @portcars.org



| 1. Wire Antennas | 10. QRP | 19. Help - Kenwood | Code | Contact |
|---------------------|----------------------|-------------------------|---|---------------|
| 2. Beam Antennas | 11. Satellite | 20. Help - Yaesu | 17 | Jim - KC8RKV |
| 3. APRS | 12. VHF | 21. Help - Boat Anchors | 5, 24 | Bill - WB9LBI |
| 4. Contesting | 13. PSK-31 | 22. Amplifiers | 1, 4, 9, 12, 14, 16 | Tom - KB8UUZ |
| 5. CW Operation | 14. Mobile (install) | 23. EmComm | 3, 6, 8, 12, 14, 17, 23, 25, 26, 19, 20 | Russ - KB8DPN |
| 6. DF (Fox Hunt) | 15. Computer Logging | 24. Traffic Handling | 1, 5, 10 | Tom - WB8LCD |
| 7. DXing | 16. QSLs | 25. FEMA / NIMS | 2, 6, 14, 17, 23, 25 | Jim - KC8PD |
| 8. Experiment/Ckts. | 17. Echo Link | 26. Computer Hardware | 4, 5, 9 | Joe - W8KNO |
| 9. HF Phone | 18. Help - Icom | | 2, 7, 9, 12, 16, 19, 20, 21, 22 | Chuck - K8CMP |

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