



The RADIOGRAM

When All Else Fails ~ Amateur Radio Works



June 2006 ~ Official Newsletter of the Portage County Amateur Radio Service, Inc. (PCARS) ~ Vol. 1 No. 5

~ Officers ~

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

~ 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
 Application for ARRL affiliation was submitted November 29th



From the President

Dayton is behind us and Field Day is coming up fast! Probably two of the biggest events in ham radio-back to back. May has been a fantastic month for our club. I hope you've participated in the events that have taken place, it's been a blast, but there's a lot more just on the horizon!

I'll have to be honest and say that for the past 6 months, I may not have had as much "on-air" time as in the past, but I've certainly had more "ham radio activity" time. I think my wife will confirm that too! I'm also having a bunch more fun and learning by participating in a lot of new activities. Since PCARS has taken off, I've been reacquainted with old friends, and I've gotten to know a lot of new friends. What a Great Hobby we have!

I had the pleasure of assisting Larry Cole, N8FTP, as he gave a presentation to the Kent After School Programs. The audience was a little young, but what a great job Larry did bringing ham radio to them on their level. Larry will be teaching our amateur radio class at Maplewood this fall, be sure to let him know if you will be able to assist in any way. At the very least, be sure to tell Larry "Thanks" for spreading the good word! I was also at our Squirrel Hunt Antenna Building Clinic. That too, was fun and a good learning experience - PCARS has a lot of very talented and interesting guys (and gals!) to hang out with. By the time this hits the streets, our first "Blind Squirrel Hunt" will be history and I'm sure it will have been a fun time too - hope I saw you there! Dayton was OUTSTANDING! For me, it was one of the best Hamventions in recent history. While I was there I met Dave Sumner - K1ZZ of the ARRL



Dave - K1ZZ Tom - WB8LCD

and talked with a few ARRL officers such as Norm Fusaro - W3IZ, Jim Weaver - K8JE, and Joe Phillips - K8QOE. I also met the new Ohio SEC, Frank Piper - K18GW. Believe me when I say, they

know that PCARS is here to be a force for the good of Ham Radio in Ohio and the Great Lakes Division! As many of you know, I'm particularly interested in QRP operation. Every year the QRPARCI has a program called "Four Days In May" (FDIM) in conjunction with the Hamvention. Russ - KB8DPN, Tom - KB8UUZ and I were able to make it for 3 out of the 4 days. Friday night was vendor's night which was like a mini hamfest at the Holiday Inn in Fairborn. It was a good chance to see the QRP related items up close. They also had a home brew contest with some really nice looking entries. If you like to melt solder and do light machining, then check out the QRP aspect of our hobby, you'll be in good company. I'd also like you to check out the QRPARCI at www.qrparci.org - they have a great web-site and an outstanding quarterly magazine. I also had a chance to share a Great Lakes Moondog Ale with Dick Pascoe, G0BPS, president of the QRPARCI - my little bit for international relations.

We've got a meeting coming up on June 12th that should be a highpoint in our clubs short history. Be sure to get to Mike's Place early, this could be a well attended event. After that all attention is on Field Day!

Even if you can only stop by for a short time, come on out and give us your support. EVERY one should take their turn in the operators chair or help out with logging. It's gonna be a fantastic weekend, but it'll be even better if you stop out to support PCARS. Finally, I've been having a ball with PCARS and all the activities. But I'm not the club, YOU are! On behalf of all the officers of PCARS: "Thank you" for your participation and the fellowship we have experienced up to this point. It's only going to get better from here!

Best 73's

Tom - WB8LCD



WB8LCD

G0BPS



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From the Vice President

Well, if you weren't able to be there this year the Dayton Hamvention was outstanding and the weather was close to ideal. Business was brisk both inside the Hara Arena as well as out in the flea market.

I had driven down alone on Friday morning and ended up on the road at about the same time as Tom - WB8LCD and Russ - KB8DPN, who were riding together. By the time we were all southbound on Interstate 71 we were within about fifteen miles of each other. We made contact on simplex at 147.520 MHz and when we couldn't hold that we had to resort to [cringe] cell phones.

We arrived at the shuttle bus parking area at about the same



time and rode to the Hara Arena together. There we met up with Tom - KB8UUZ, who had been there all morning. While there I also talked to Mark - KC8FQV, on the air but did not get a chance to see him. On Sunday, I ran into Wayne - AK8U, who had also been in Dayton and we had an enjoyable chat about the event. Best of all, I won some prizes! One was a copy of the new ARRL Handbook and the other was a pretty nice Daiwa SWR/power meter. The "Bring Your Rig" event at the May club meeting was a lot of fun and provided some good personal stories from a number of the members about favorite radios. Everyone was

probably a bit envious of Chuck - K8CMP, who brought his spanking new Icom 7000.

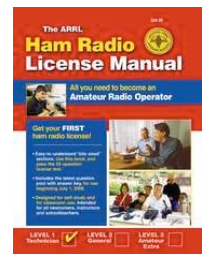
On May 17th, Errol - KC8RJR and I took the opportunity to attend the open house held by the Canton Amateur Radio Club at the Stark County EOC. This was an event to introduce the club to the general public and to provide some demonstrations of the rather well equipped amateur radio station at the EOC. It also gave us a chance to introduce ourselves and share some information about PCARS.

We received a letter from the IRS agent assigned to the follow up on our 501(c)(3) application to be granted tax-exempt status. She had a variety of questions



and we sent a three page response within a week of having received her inquiry. So we are now back to waiting for either more questions or, hopefully, a final favorable ruling on our request.

As we noted in this column last month, PCARS will be sponsoring a Technician Class course that will be offered at the Maplewood Career Center this Fall on Tuesdays from 7:00 to 9:30 p.m. The cost will be \$20.00 which is paid to Maplewood, plus the cost of "The ARRL Ham Radio License Manual -- All you need to become an Amateur Radio Operator" text sold by the ARRL. At the end of the course we will provide VE testing for the graduates. Larry Cole - N8FTP will be helping to arrange the class and teach parts of the course. Larry has been the sole instructor for the course in



past years. We would like to have other volunteers from PCARS to assist in the class presentation. In the meantime, let's get the word out about the class and recruit some new hams!

The Field Day committee will be finalizing its preparations over the next few weeks. Our Field Day location at the Cunningham Shelter in the Ravenna City Park is a great spot that is open to the public and has plenty of

open area and shelter space for antennas, equipment, and people. Our plan is to have a versatile setup with at least three or four stations on the air plus the GOTA station. We will operate multiple modes with opportunities for everyone to participate. We plan on lots of ham radio fun (and some good food, too).

As always, we want to make sure that we are planning far enough in advance to give you plenty of notice about future events and programs. More importantly, we want to be sure that we are providing activities and information that you want. Every few meetings we will circulate the questionnaires so that you can update us your topics of interest and give us feedback on the programs that we have presented. If you have any ideas or suggestions please send them to me at kc8pd@portcars.org.



Jim - KC8PD

After School Program

On Friday May 12th, Larry Cole - N8FTP and Tom Sly - WB8LCD participated in the Kent After School program by



Larry – N8FTP Talks about Ham Radio

giving two separate presentations on Ham Radio. The first one was at the Longcoy Elementary School and the second one at the Kent Rec Center on Franklin Ave. The program was for kids in the first through fourth grades. They had been doing a week long study of radio and TV and Larry had been invited to talk about ham radio. He explained how it worked and what you could do with it. Tom gave a brief demonstration on the code practice oscillator. The kids all then had a chance to talk to one another on the handhelds. Some were a little mic shy, others didn't want to let go! The kids were all interested and paid close attention. They were all interested in the idea of morse code and they all wanted to try the code oscillator. Larry was an outstanding presenter and really planted the seed for ham radio with the kids. Hopefully we'll see some of them in the future!



Tom – WB8LCD

Charlie the Tuner's HF High Lites

Well, we're in it now. The good weather has hit and I'm sure that there are many projects that have been started or shortly will be starting. For those of us who are married, the XYL "Honey Do" lists are probably growing. My list is so long that I'll be lucky if I get to my tower and antennas by November! But I will make time to work some DX and IOTA contacts. Here is a list of just some of what will be happening in June.



4W PA5M is currently in Timor Leste and awaiting the final approval of his license. The callsign is unknown yet, but will most likely be known on May 22 and he will be there a few weeks. QSL via PA7FM

CU CT1BWW, EA2RC and EA3GHZ will be active from the Azores in July. They will operate from Faial Island (EU-175), Pico Island (EU-175) and S. Jorge Island (EU-175). They will have two stations active on 160-6 meters. QSL via EA3GHZ, direct or bureau.

F F6IPS operating as TM6SME on June 3-13 from Emondeville, close to Sainte Mere-Eglise, to commemorate the 62nd anniversary of the World War II "D-Day" landings in Normandy (6 June 1944). QSL via home call, direct or bureau.

IS0 IZ8GCB will be active as IS0/IZ8GCB from Sardinia on June 3-21. He plans to operate CW and SSB on 80, 40, 20, 15 and 20 meters. QSL via home call.

JA JM1VQJ/1, JO1IRO/1 and JF1IZM/1 will be active from To Island AS-008, JI1A AS-008-013 on June 2-5. QSL via home calls, direct or bureau.

JA Expect five special stations to be QRV on all bands and modes from May 12 to June 30 to celebrate the International QRP Day (17 June). QSL via operators' instructions.

JW JW4GHA will be staying on Bear Is. (EU-027) until July. He plans to focus on 6 meters during the last month of his stay and will be monitoring 50110 kHz (CW and SSB). QSL via LA4GHA

JW DJ3KR will operate as JW/DJ3KR from Svalbard on June 2-18. This will be a CW only operation on HF and 6 meters. (Just for Bobbie.)

KL W5BOS plans to operate from two new IOTAs in Alaska between August 16-22. He will sign W5BOS/AL0 from the Southern Alaska Peninsula Center group (NA-238/pr) and W5BOS/NL0 from the Southern Alaska Peninsula East group (NA-237/pr). These islands are very difficult to land on, and weather will be a major factor. QSL via N6AWD

PJ4 Glen, K0JGH will be on Bonaire (SA-006) from May 31 – June 8 with his wife Pam, N0ICF. He will operate SSB, CW and RTTY. QSL via home call.

S7 IZ8CLM will be active as S79RS from Mahe (AF-024), Seychelles from May 23 to June 5. He plans to operate SSB and RTTY in his spare time, after 14 UTC. QSL via home call, direct or bureau.

SM DL8AAV will operate as SD1B from Gotland Island (EU-020) from May 24 to June 5. QSL via DL8AAV.

SV HA0HW (J48HW and SV8/HA0HW), HA4DX (J48DX and SV8/HA4DX) and /LZ1PJ (J48PJ and SV8/LZ1PJ) will operate CW, SSB, RTTY and PSK31 from Thassos Island (EU-174) from May 27 to June 5. QSL via home calls, direct or bureau.

SV A group of eight amateurs will be active as J48WT from Samothraki Island (EU-174) on June 22-27. QSL via SV2HPP, direct or bureau.

V2 G0VJG reports he will be active as V25V from the V26B contest station on Antigua (NA-100) from June 23 to July 8. He plans to operate SSB, digital modes and some CW on the HF bands and possibly on 6 meters. QSL via G4DFI.

In addition:

3Y0X VIDEO ---> Pre-orders for the Peter I 3Y0X "DX-perience" DVD –which is due out in late summer can be placed at <http://www.peterone.com/dvd/index.htm> (ordering now gives you a discount off the release price).

That's it for now. Hope to see you down the band! 73's.

Chuck - K8CMP

Echo Link on 146.895

On the May 11th PCARS net on the 146.895 repeater, we had a real nice surprise check in. **VU2VDR** came in all the way from Bangalore, India via the Echo Link that's on the repeater system. Dharmendra came in loud and clear saying the weather was a cool 77 degrees. Bangalore is 8450 miles from Kent, so this is a new distance record for our Thursday night net. As we say on the net we take check-ins *'From around the Corner, to around the World'* is really true. Looking forward to hearing you on Thursday nights at 8:00 pm on the PCARS two meter net!

Tom - KB8UZZ

Paper Chase

Did you make the contacts to obtain the WAS (Worked All Steves) certificate I mentioned last month? I did not, only got

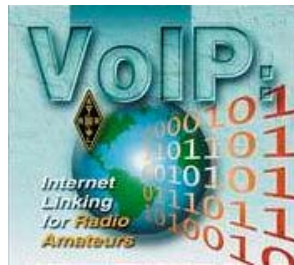


two of them, so this month I have another certificate that you should easily obtain even though it requires contacting fifteen Museum Ships. This year there is a new sponsor and a new date. The Battleship New Jersey (BB-62) Amateur

Radio Station has replace the USS Salem (CA-139) Radio Club as the sponsor and the event will take place from 0000Z June 3rd through 2359 June 4th, 2006. There are now 65 ships signed up to participate. There are 2 Aircraft Carriers, 6 Battleships, 3 Cruisers, 5 Destroyers and many many more. One of the interesting ones is the President's Yacht, USS Potomac, a Coast Guard Cutter. It is located in Oakland, California and will use the call sign KI6ASN. If you are a member of the International Light House Society, there will be 4 lightships in the event. With ships being sunk to form reefs for fish, none of these ships will be activated for IOTA. You can find all 65 ships listed at <http://users.tellurian.com/freddie/nj2bb/ship-event.html>. Here is a list of suggested frequencies but with so many ships they may be spread out across the band. All frequencies are in kHz.

SSB	AM	CW
3,860	3,880-3,885	3,539
7,260	7,290	7,039
		10,109
14,260		14,039
18,160		18,079
21,360		21,039
24,960		24,899
28,360		28,039
50,160		50,109

All stations that work 15 of the participation ships will receive



a certificate if they send a copy of their log entries showing these contacts. The certificate is 8.5x11. Please send either \$2.00 to cover costs or send a large enough envelope with enough postage. Certificate should not be folded. All certificate request must be received by Oct 31, 2006. Send certificate requests to: Margaret Burgess, KB2BRR - 150 Schooner Ave. - Barnegat, NJ 08005

Good hunting.

Joe - W8KNO

Hamfest Calendar

4 Jun 2006 - 52nd Annual Hamfest & Computer Show - **Breezeshooters** ARC - <http://www.breezeshooters.net> - Talk-In: 147.96 - Contact: Bob Benna, N3LWP - 1010 Willow Dr. - Pittsburgh, PA 15237 - Phone: 412-366-0488 - Email: hamfest2006@breezeshooters.com - Butler (Pittsburgh), PA - Butler Farm Showgrounds - Route 68 (East of Butler)

Hamvention Report

For three days in May, thousands of hams from around the world migrate to the Hara Arena to partake in the ritual known as "Hamvention". This was my 12th trip to that arena and I



enjoyed every minute of it. Up at 3am on Friday to drive to the Salem Mall, park and hop on the bus and I was there just when the outdoor flea market opened. After an hour of pounding the pavement, the inside exhibits opened up. My first stop was the ARRL area and the chance to see some of the faces and talk to a few of the people we read about in QST. I spoke a couple of times with Alan Pitts - W1AGP about the ARRL "Hello Radio" campaign, and I gave him a copy of the last PCARS newsletter. He also gave me a copy of the "ARRL Swiss Army Knife" CD for PIOs since there's an article on the also brought home a stack



KB8UZZ W1AGP

of "Hello Radio" brochures to use during Field Day. My shopping list was small this year, so it didn't take long to get everything I was looking for. I had arranged to meet up with KC8PD, WB8LCD and KB8DPN and we finally got together around noon. Tom - WB8LCD has suggested we get together for lunch and we all piled into Jim's - KC8PD car and headed out for lunch. Well, I thought Tom - WB8LCD had some knowledge of where we were going, but nope, he didn't. Neither did any of us in the car have a clue on where to go. But that didn't deter Jim - KC8PD, he gave all of us a nice tour of routes between Hara Arena and downtown Dayton and back again. During that nice hour long drive, we never did spot an open restaurant! We ended up back at the Salem Mall parking area, and returned to the Hamvention. You know those \$3.50 Hara Arena cheeseburgers ain't so bad when your hungry.... Later on Friday - Jim headed home.

Russ, Tom and I headed off to the hotel that the QRP group was having their activities. The QRP people had a mini hamfest and QRP show that was real interesting. We did manage to find a Mexican restaurant for dinner close to the hotel. Bed time came around 9 pm. I was really worn out from all the walking! I 'camped' out in my sleeping bag in the room with Tom & Russ. Up around 7:45 on Saturday, a nice



breakfast buffet and off to Hamvention. Walked around until about 1 pm or so and decided to head home. Got home around 5:30 and in bed

by 8 – sure beats the sleeping bag!! The weather at the Hamvention was great on Friday & Saturday, cool & sunny. Much better than the hail and storms they had just the day before opening! Only 51 weeks till Hamvention 2007. Yes, I'll be going again.

Tom – KB8UUZ

National Museum of the United States Air Force

It was a wonderful Hamvention! Christmas in May was a term I heard more than once over the weekend. We arrived Friday, had a blast at the fest and the social times with many old friends and PCARS members. Saturday was a full day as well arriving at the fest around 9 or 10 and almost closed down the flea market at 4:30PM. As wonderful as it was, both Tom - WB8LCD and myself were "Fested Out." Yes -- there was more to see -- there always is, but we had reached a point of "Hamvention Saturation." Nursing our aches and pains back at the hotel that evening we each evasively talked about the idea of skipping the Sunday portion of the Hamvention and heading for home with a stop at National Museum of the United States Air Force next to the Wright Patterson Air Force Base. I don't think either of us wanted to suggest skipping the 'fest for fear of ruining the others plans, but we concurred in the mutual feeling of wanting to make the stop at the museum. The decision was made, and that was the new plan of attack. I guess my reasons for wanting to stop at the museum were personal. I remember it as being one of the trips my parents took me to as a boy. I also remember that one year that my father Sam (now deceased) and I made a weekend trip to Dayton for the Hamvention circa 1989. It was a great time and one of my favorite "Dad" memories. My father was of age during W.W.II, and like most other eligible young men of the day went down to the induction center for his physical. He was however classified "4F" because of asthma. He did however serve his country by becoming a foreman for Republic Steel in Youngstown, Ohio. Dad was placed in charge of several "Rosie the Riveter" type young woman who were working on the Republic P-47D "Thunderbolt." During that trip in 1989 my father reminisced and I took a picture of my father next to "His Plane" as we called it. The P-47 was one of America's leading fighter airplanes of WW II. It made its initial flight in May of 1941, but the first production article was not delivered until March 1942, more than three months after the attack on Pearl Harbor. Pilots soon learned that the

Thunderbolt could out-dive any Luftwaffe airplane encountered. In addition to establishing an impressive record as a high-altitude escort fighter, the P-47 gained recognition as a low-level fighter-bomber because of its ability to absorb battle damage and keep flying.



KB8DPN with a P-47

By the end of the war, the Thunderbolt had been used in every active war theater with the exception of Alaska. The P-47D that is on display was one of more than 15,600 built. Tom and I arrived at the museum amount 10 and we walked through the displays seeing everything from the first Wright Flyer, through WW1, WW2, The Cold war years, several space exhibits and missiles. Highlights of the stop were of course the above mentioned P-47D, The massive B-52 bomber and the SR-71, unofficially known as the "Blackbird." It was with the Blackbird that Tom and I each pondered with anticipation as to it's location. It was mid-sentence that we both stopped and realized that we were a mere 20 or so feet way from the aircraft, and didn't even notice it. Now that's what I call stealth! Got a great photo of Tom in the F-16 Cockpit Mock-up they had on display.

The sign next to the display stated that "Perhaps large people should refrain from sitting in the display." Probably the nicest way I had ever seen that stated, I must say. The



visit was the "Cherry On Top" of a great weekend. The Museum was as overwhelming as the Hamvention, and the 3 or so hours we spent before trekking it home were just a nibble of what the Museum has to offer. Admission to the museum was FREE, meaning that it was one of the only things I could afford after being at the Hamvention, and is a highly recommended stop anytime one is near Dayton, Ohio.

Russ - KB8DPN

PCARS Two Meter Simplex Contest

Spread the word! PCARS will be having it's annual 2 meter 12 hour sprint contest on Saturday – August 12th. Contest runs from 11:59 am until 11:59 pm on 2 meter simplex. Contact as many people in each of the Portage County Cities, Villages, and Townships. Complete rules, log sheet and summary sheet can be found on the PCARS web site (www.portcars.org). Contest is open to everyone that can get on 2 meters, you don't have to be a member of PCARS, and you don't have to be in Portage County. So join in on the fun and see how good your simplex set up works throughout Portage County and beyond.



Tom - KB8UUZ

Lighten Up

Riley Hollingsworth to Amateur Radio Community: "Lighten up!" FCC Special Counsel for Enforcement Riley Hollingsworth advised those attending the FCC forum at Dayton Hamvention 2006 to try kindness instead of confrontation when problems arise on the bands. Hollingsworth spoke May 20 to a nearly full house at Hara Arena, and for the most part he praised the



behavior of the majority of Amateur Radio operators, especially those who volunteered in the aftermath of Hurricane Katrina last year. But, he noted, radio amateurs still could be more courteous and less inclined to fly off the handle at some perceived on-the-air offense. "You need to lighten up and not embarrass the Amateur Radio Service," Hollingsworth advised. "All of us make mistakes, especially with the new features you have on radios today. It's very easy to make a mistake, to be on the wrong frequency or be operating split and not know it--there's a hundred ways to make mistakes." Hollingsworth said experience has shown him that at least 75 percent of the interference complained about is absolutely unintentional. In Hollingsworth's view, radio amateurs all too often are hypersensitive and rude. "We have a radar going to detect offenses at all times, we assume the worst in people, we rarely give people the benefit of the doubt," he said. He joked that if there were three amateurs in a town, there would be two Amateur Radio clubs. "And there'll be two hamfests with 20 people each, because they wouldn't dare consolidate them," he added. "Stupid Filter" Hollingsworth acknowledged that "certain problem operators" remain, but the real troublemakers are rarely the newcomers to Amateur Radio. "If there's a downfall in Amateur Radio, it won't be caused by no-code Technicians or codeless anything else," he said. "It'll be caused by the microphone--no doubt in my mind." He advised his audience to ignore the troublesome operators and not give them the attention they crave by engaging them on the air. "Now, think about it: If what you're hearing annoys you, or angers you or is stupid, use the 'stupid filter,' which is that big knob--that VFO that will take you somewhere else," he quipped. "It's the largest knob on the radio." He recommended moving to another frequency or even another band altogether.

Words of Praise

Hollingsworth praised the Volunteer Examiner program as "outstanding" and noted there had not been a single complaint in the past year stemming from an examination session. He also said the Amateur Radio community should have a greater appreciation for what the ARRL is doing on its behalf. "Most of you have no idea how much work is done in Newington for you and the Amateur Radio Service generally," he said. "I see it every day, but I think you have no idea of the hard work and dedication that comes out of that office up there, and I don't think we would be there if it weren't for [the League]." "This country's communications infrastructure needs Amateur

Radio," Hollingsworth emphasized, praising Amateur Radio's overall performance following Hurricane Katrina. "You have a tremendous amount to be proud of." He also suggested that radio amateurs have an obligation to stay informed about what's going on in Amateur Radio that might affect their activities. "You have to not only keep up, you have to lead the way, because it's in your charter," he said, pointing to §97.1 of the Amateur Service rules.

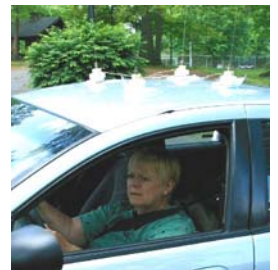
No Comment on Code Issue

Hollingsworth noted at the start of his talk that he could not address any questions dealing with the FCC's long-awaited decision on the Morse code requirement (Element 1), because he works in the Commission's Enforcement Bureau. "We don't meddle in rule making," he explained, but added that he didn't expect CW to decline if the FCC does drop the 5 WPM Morse requirement for all Amateur Radio license classes as it's proposed to do. The FCC Wireless Telecommunications Bureau (WTB) handles Amateur Radio rule makings, Hollingsworth noted, including the "Morse code" proceeding, WT Docket 05-235, and the so-called "omnibus" proceeding, WT Docket 04-140. The WTB has said it will rule first on the omnibus proceeding, then tackle the Morse code proceeding, but it has not indicated when to expect either Report and Order. No representative from the WTB was at Dayton Hamvention this year.

ARRL Web Site

Fox Hunts in Summit County

Hidden Transmitter hunts are on Wednesdays will be starting from the Scout House in Silver Lake, on Rt. 59 behind The Church in Silver Lake., at 7:00 p.m. If you don't have direction finding equipment you are welcome to ride along with our regular hunters on a space available basis. There MAY be some loaner equipment available, so bring along an antenna adapter just in case. We look forward to having you join us in the fun.



Gay – WB8VNO

New Ohio ARRL SEC

Frank Piper, KI8GW, former District Emergency Coordinator for District Seven, on June 1 will officially become Ohio Section Emergency Coordinator (SEC). Frank, who resides in Fairfield County east of Columbus, will succeed SEC John Chapman, WB8INY, who announced his resignation at the April 22 ARES Ohio Section Conference. John, who is starting a new business, said the time required for this venture just was taking too much time away from his ability to run the ARES program. Mr. Piper has been running emergency programs for the ARRL for the past ten years. He was named assistant EC for Central Ohio in 1997, serving as bulletin editor, public service events manager and



net manager. Frank became Franklin County EC in 2002 and DEC for District Seven in November 2003. While EC, Frank developed the Franklin County EMA Volunteer Coordinating Committee. He is a graduate of all three ARRL EmComm courses and is a certified instructor and certified examiner for the program.

Joe – K8QOE – ARRL Ohio Section Manager

EmComm

Previous EmComm columns have examined the structure and role of the Amateur Radio Emergency Service (ARES®) which is essentially a subsidiary operation of the American Radio Relay League (ARRL). ARES operations vary dramatically from one ARRL section to the next, as well as at the local level. At the national level, the ARRL has begun its examination of the ARES structure in an effort to determine what changes need to be made to remake ARES into the flexible and versatile organization that can meet twenty-first century emcomm needs. In fact, at the recent Ohio Section ARES the outgoing Ohio Section EC, John Chapman, WB8INY, even announced that it was likely that the name of ARES would be changed in the future to be more mission specific. As ARES works to redefine itself, it is worth noting that there are a variety of other emcomm organizations and programs for amateur radio operators. Let's take a look at a few of those. An excellent example is MARS, the Military



Affiliate Radio Service. You can find out all you need to know about MARS at its web site www.netcom.army.mil/mars/. At that site MARS is described as a "Department of Defense sponsored program, established as a separately managed and operated program by the

Army, Navy and Air Force. The program consists of licensed amateur radio operators who are interested in military communications on a local, national, and international basis as an adjunct to normal communications." Although we tend to think of MARS as a message handling service and communications link for service men and women overseas, it has been evolving recently into a service that can provide emcomm services stateside. Obviously there is a lot of competition for those services from both the internet and satellite/cell phones. The MARS mission statement includes the following:

- To provide Department of Defense sponsored emergency communications on a local, national, and international basis as an adjunct to normal communications.
- To provide auxiliary communications for military, civil, and/or disaster officials during periods of emergency.
- To assist in effecting normal communications under emergency conditions

There has been a recent shakeup of the top MARS leadership so keep on eye out for possible changes in MARS operations including greater emphasis on emcomm. Don't forget the critical communication services provided to public agencies by the Radio Amateur Civil Emergency Service (RACES). This is the one emergency communication service specifically described in the FCC rules and regulations. RACES units can

be established at the state or local level and operate under the direction and control of public officials such as the directors of Emergency Management Agencies (EMA). RACES units provide an excellent method to integrate amateur radio into a community's overall emergency response. Local governments adopt Emergency



Operation Plans (EOP) in order to coordinate the activities of the many and various emergency responders. A higher level of sophistication and preparedness is the norm these days for state and local EMA's, largely as a response to the events of 9/11 and the 2005 hurricane season. There is a heightened public awareness of the quality and effectiveness of disaster relief efforts and an expectation that those efforts be more professional. From the Federal EMA on down, emergency responders, including emcomm volunteers, are expected to be better prepared and trained, including familiarity with the Incident Command System and the National Incident Management System. All of these goals can be met by having a well run RACES program serving the EMA and other public agencies. The RACES units can also assist other organizations such as the Red Cross and public hospitals as may be necessary.

RACES can be activated for any of the following:

1. Safety of life.
2. Preservation of property.
3. Alleviation of human suffering and need.
4. Any disaster endangering the public.
5. An act of sabotage.
6. Testing and drills.

The ARRL encourages the cooperation of RACES and ARES units when both exist in the same service area because of the differences in their missions and the services that they can provide. Read more about RACES at www.races.net. On the other hand, there are traditional emcomm service providers such as SATERN, the Salvation Army Team Emergency Response Network, with a more limited scope. Its web site is at www.saturn.org. SATERN is a well coordinated effort that has the specific mission of providing emcomm services to the Salvation Army and its volunteers that are sent into disaster areas. The North American Mission Board of the Southern Baptist Convention also provides amateur radio volunteers to assist their disaster service teams with on-site communications and message handling. More information may be obtained from To contact the Disaster Operations Center, call 1 800 462-8657, ext. 6133 or e-mail dr_offsite@namb.net. There has also been the development of new services such as the VoIP Skywarn/Hurricane Net



which can be found at www.voipwx.net.

This net relies on the marriage of internet and amateur radio to provide communications during weather disasters. A fairly recent entry onto the emcomm stage is the World Radio Relay League (WRRL)

which can be found at www.wrll.org. The WRRL describes

its mission as follows: "... to develop, promote and provide effective emergency communications by trained, skilled, and disciplined licensed amateur radio operators capable of accepting, originating, relaying, and delivering tactical and formal message traffic accurately, in a timely manner, on behalf of agencies (government and non-government) as well as the general public. This is accomplished through networks of fixed stations and field deployable Amateur Radio Communications Teams (ARCT). WRRL does not rely upon existing infrastructure or commercial services. WRRL operators observe all applicable laws, rules and regulations and use standardized operating procedures including the universal RADIOGRAM format for formal message traffic." What is particularly noteworthy is the mission statement's reference to ARCT's. Many emcomm organizations are recognizing that responses to regional and local disasters can be sped up and handled more efficiently when prearranged teams with specific missions, such as ARCT's, can be deployed. They have a huge advantage over the traditional uncoordinated response where a variety of volunteers are pulled together *ad hoc* as they arrive and then deployed together with the hope that they have adequate skills and supplies to meet the need. The WRRL is also affiliated with the web site www.emcomm.org where you can find a great deal of information about emcomm services, particularly about ARCT's. Having said all that, a bit of caution is in order regarding this group. While the WRRL seems to have a fair number of good ideas about improving emcomm services, its style and methods may seem a bit over the top. I mention them here not to encourage membership or to endorse their program, but only to suggest that some of their ideas, such as ARCT's, have merit and should be part of the discussion. Also, organizations such as the WRRL crop in circumstances where old-line groups such as ARES are perceived as not having necessarily kept up with the times.

I hope you take the chance to explore some of these web pages and become better informed about the range of opportunities available to you as an amateur radio operator to assist in the event of a disaster or emergency.

Jim – KC8PD

Summit County ARES

The monthly meeting was held at the American Red Cross building at 531 West Market Street in Akron. Radio Bob-N8KBX and I attended the meeting. We were able to beat the rain storm and get inside before the rains came. The meeting was held in the lower level so we all felt more safe as the storm raged overhead out doors! The meeting started at 7 PM on the dot with the Summit County EC Larry Fields-WD8ITF leading the way. Some points of the past Columbus meeting with the Ohio ARES groups/members were talked about. Last month and this month the Summit County ARES EC and his AEC's talked about the fast changing requirements that will effect all



volunteers before they can take part in emergency communication. The number one issue facing ARES members is the need for them to be "really" trained and qualified in emergency communications. Just showing up with an HT is about worthless at this point to the real world we are trying to serve with our ham radio experience. Besides qualified and certified training that the State of Ohio will soon require of everyone who wants to take part. The Red Cross will be requiring background checks and SS numbers will be required and drivers license will be required of those who offer to help. To insure that States don't run into conflicting background checks and to insure that the checks are uniform our federal government will handle all the checks. Another reason for the feds to handle it is to insure that the cleared person would/could be qualified to serve in any state.. not just each state that did the check. So that way the volunteer could go anywhere... any state... without delay. The Summit County ARES group repeated that rapidly approaching changes will effect hams that want to take part and everyone will be trained and certified or they will not be taking part in anything!

The program for the evening: "The Winlink 2000 Emergency Communications System and it's development in the Stark



County Amateur Radio Emergency Service." Given by Terry Russ- N8ATZ and Ralph Bugg-K8HSQ. The Stark County Winlink Initiative was started after Ohio ARES leader John Chapman informed every Ohio County ARES group two years ago to establish a Winlink communications system. The Stark County ARES group followed our ARES leaders directive and moved forward

learning more and more along the way. The Stark County ARES group, now after starting this project in 2004, has three working 2 meter/VHF Nodes (repeaters) that cover close to all of their county for this service. What is this Winlink 2000? It's digital communications over the Amateur radio bands that will also transfer email in and out of the system anywhere email can go and the reason for it is to meet the needs of others (served agencies). Agencies want more then just hams with HT's and the real world out there is moving forward with or without us and this Winlink system is what they expect us to be able to use to help them out! Terry and Russ went though the system requirements for software and hardware. We were told that our state of Ohio sent Yaesu 8800 dual band radios to hospitals and the Stark County Hospitals were told that data input radios ARE REQUIRED for all Stark County Hospitals and THEY WILL get with the ham radio group who will operated them! In the meeting/training session... it was pointed out that about 90% of all traffic on HF during the Hurricane Katrina event was on HF using HF Winlink and Winlink is the way we (ARES) are going! Terry and Ralph had a Winlink set up there for us to inspect. It was a outstanding program! Questions about the program can be answered via (truss@sssnet.com) or (buggr@sssnet.com) and the Stark County ARES group is at (www.wd8aye.org). Another outstanding evening with the Summit County ARES group!!!! For more info about them... you can go to their web site at (www.sumco-ares.org). Their next meeting will be on June 22nd at the Green City Hall in Green at 7:00 PM.

AI – KB8VJL

Happy Birthday PCARS Members

Four PCARS members have a birthday in June:

K8HGX – Jack
WB8OVQ – Robert

KB8JHS – Roger
Rena Martin-Wehner



Dead Electrical Dudes

Andre Maria Ampere
Entered Mortal Coil: 20 January 1775
Assumed Room Temperature: 10 June 1836

“Oui, I’m a Pretty Boy!”

After enjoying a brief sabbatical, here is yet another treatise churned up from the dank depths of my twisted mind. Maria makes it an even dozen dudes for our ongoing saga of the pioneers who have made our modern electronic world possible. I doubt if any of us will make a contribution to science so epic as to have a fundamental unit of measure named after us, or perhaps some element or natural phenomenon. “Hey Professor Smith! It measures out to 0.932 Neidlingers!!! Only +3.2% from our calculations!” *Yeah...in my wildest dreams!* To recap, for those of you who have tuned in late, here is a list of our past honorees on this internet website; Messrs. Maxwell, Tesla, Armstrong, Marconi, Ohm, Volta, Hertz, Morse, DeForest, Fessenden, and Henry. So, without further delay, I present our current dude, Mr. Andre Maria Ampere.



Maria can accurately be described as a child-computing prodigy. How many of us can claim to have mastered the calculus while only in our early teens? Maria had a paper rejected for publication by the Academie de Leon at age 13 as he used infinitesimals in his calculations: he was totally ignorant of the use of the differential calculus at the time and subsequently enlisted the services of a monk to tutor him in this complex subject. He learned the new math quickly. Impressive.

A series of tragedies then befell the Ampere family. Andre's sister died from an illness in 1792. Later, his father lost his head to the executioner's guillotine. Understandably, the young intellectual's world was shattered by these events, and he went into a deep funk for the better part of 18 months. It took the love of a woman to snap him out of his destructive reverie. The girl's name was Julie. The couple wed in 1797 and had a child. Unfortunately, Julie died in 1803. Ampere remarried in 1806, and had another child, Albine. But fate was not kind to Andre, as he and Jenny were legally separated at the time of Albine's birth. He subsequently gained legal custody of the child. His children, however, did not bring much joy to the scientist, and he was quite distressed by their

behavior in later years. Andre was a singularly unhappy man. Despite this personal baggage, Ampere made steady progress in his career, progressing steadily from a humble position as a mathematics professor to a recognized scholar. He was elected to the *Institut National des Sciences* in 1814 for a paper on partial differential equations. Of course, Ampere's claim to immortality was assured with the 1826 publication of the paper “*Memoir on the Mathematical Theory of Electrodynamic Phenomena, Uniquely Deduced from Experience*”, which described the properties of electric current, its relationship to magnetism, and how these properties could be demonstrated by a series of experiments. He also established experimental verification of Avogadro's Number, an important constant in the field of chemistry. For Maria's discoveries, the unit of electrical current, the *Ampere*, designated by the letter **A**, was named in honor of him.

Philip - KA4KOE

Mark Your Calendars

On the calendar for upcoming meeting topics & activities are:

June 12th club meeting - Not to be missed, Mel Vye, W8MV, one of the participants in the 3Y0F Peter I Island Antarctic DXpedition will be there to tell the story of what has to be one of the most exciting adventures that a ham could hope to be involved in. Be there early!! Seating may be limited.



June 24th - 25th – Field Day, Cunningham Shelter, Ravenna City Park

July 10th club meeting – Mark Griffiths, the Director of the Portage County EMA will be there to tell us about the variety of issues that the EMA deals with, in particular communications.

August - A tentative event is a cookout. Let us know what you think about when and where we should hold it.

August 12th - First annual PCARS 2 meter 12 hour sprint contest - work all of Portage County!

September 8th - the Black Squirrel Special Event Station – KD8CKP at Kent State University.

Ongoing - watch for announcements about PCARS activities at various outdoor festivals around the county this summer.

Suit Sat Getting Close to Final Burn

The sky is falling! Well, not really, Chicken Little, but the now-silent SuitSat-1--the Russian Orlan spacesuit cum Amateur Radio satellite--is likely to fall into Earth's atmosphere and burn up in a few weeks. Launched February 3 from the International Space Station, SuitSat-1 was a project of the Amateur Radio on the International Space Station (ARISS) program. Identifying as RS0RS and transmitting voice greetings and an SSTV picture, SuitSat-1 remained operational for more than two weeks, easily outlasting initial predictions that it would transmit for about one week. The only rub was that its signal was far less robust than its sponsors had expected. "The orbit life is dependent on the

atmospheric drag that the satellite experiences," ARISS International Chairman Frank Bauer, KA3HDO, said when SuitSat-1 was launched. An analysis done prior to its deployment predicted a 70 to 120-day orbital life for SuitSat-1. That suggests the end should come by sometime in early June at the latest. The mission continues to capture imaginations around the world as well as attention in the popular press. The Reader's Digest "America's 100 Best: The



2006 List" judged SuitSat-1 "Best Empty Suit." Popular Science will highlight SuitSat-1 in an upcoming edition. The scouting magazine Boys Life also plans an article. To keep the momentum going a bit longer ARISS and AMSAT are sponsoring a "Chicken Little Contest," in which participants

pick the date on which they believe SuitSat-1 will drop out of orbit. Some radio amateurs already have begun posting their own Chicken Little dates on the AMSAT Bulletin Board. The winner will be the individual who picks the date closest to SuitSat-1's actual re-entry. Enter by filling out the online entry form on the AMSAT Web site. The SuitSat-1 "Chicken Little Contest" has three entry categories: Kindergarten through grade 8; high school (grades 9-12), and adult. The contest rules permit only one entry per person. Certificates will go to winners of each group. Winners also earn bragging rights, as well as the fame and notoriety associated with successful re-entry prognostication. SuitSat-1 has been in orbit for more than 110 days. As of May 24, it was at an altitude of 325 km (approximately 202 miles). In time, the novel satellite will pick up more drag from Earth's upper atmosphere, and the heat from friction will cause it to burn up and vaporize. Bauer credits ARISS-Russia's Sergei Samburov, RV3DR, and his colleagues with coming up with the SuitSat concept, called Radioskaf or Radio Sputnik in Russian. ARISS has left the door open to launching a SuitSat-2 in the future.



ARRL Web Site

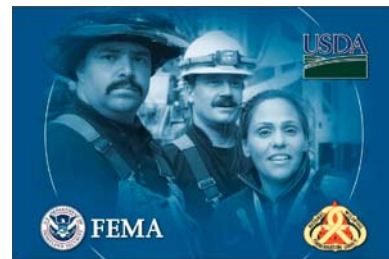
Perspective: Katrina Ops Observations

[From the ARRL ARES Newsletter: On the eve of hurricane season here in Dixie, the following are the timely observations of Daisy Crepeau, KT4KW, and Ray Crepeau, K1HG, who were deployed to Hancock County, Mississippi following Hurricane Katrina, and to Palm Beach County, Florida, in the wake of Hurricane Wilma last season.]

Training: No longer is the ham with an HT adequately able to respond. Nor is the ham with mobile equipment or even a radio equipped "jump kit." Amateur operators need to be adequately trained. The ARRL ARECC courses should be required, period. FEMA training, consisting of courses ICS 700, 800, 100, and 200



also should be required. Hams need to understand and be able to operate under the Incident Command System (ICS) and the National Incident Management System (NIMS). Training to operate under extreme stress is needed. We saw a new ham arrive who didn't understand that two-way radio communication required releasing the PTT button to hear the other party. This individual also needed a crash course in the phonetic alphabet. An extreme case perhaps, but such operators were liabilities, not assets. Proper training and credentialing would prevent this.



ICS-100: Introduction to ICS

Credentialing: FEMA, most state Emergency Management departments, law enforcement agencies, and even the Red Cross do not recognize hams with a local badge. The ARRL supports the local EC as the point person for Amateur Radio emergency operations, but the reality is that most disasters are going to encompass more than the local area. ARESMAT [ARES Mutual Assistance agreements] is the right idea but few ECs have built the necessary relationships with others outside their locales.

Resource Typing: We need a system of Amateur Radio "resource types" that FEMA (or anyone needing communications support) can request when needed. See the work of the World Radio Relay League and their idea of "Amateur Radio Communications Teams" (ARCT) <<http://www.emcomm.org>> and <<http://www.wrrl.org>>. FEMA is in the process of specifying "resources." We need to be in that system.

Deployment Tasking: Pre-departure briefings covering assignments, duties and responsibilities in the deployed area, and conditions there, should be plainly explained and understood. When we went to Mississippi we were sent to the wrong place and spent half a day finding where we were to go. **Message Handling:** Passing messages from point A to point B is the primary mission during emergency responses. Hams are the worst at relaying messages. Butchering of messages passed to the EOC or to action personnel occurred in Mississippi. So, message handling training is absolutely necessary: The radiogram format gets the job done.

Recognition: The Red Cross is mandated by the federal government to manage shelter care and mass feeding of disaster casualties. The ARRL has many MOUs with a number of different agencies both federal and private. But in the real world they don't mean a thing. The Red Cross prefers to use persons who have been through their training sequences. FEMA couldn't care less about hams in spite of an MOU.

And the list goes on and on. The ARRL needs to become recognized as a "Non Government Organization" (NGO), which will be called upon. When it hits the fan, FEMA will call for Amateur Radio resources to establish communication links, and not commercial entities.

Ray - K1HG, and Daisy - KT4KW

Report on the Fox Hunt Workshop

On Saturday, May 13th at the Center of Hope in Ravenna PCARS held its first homebrew antenna workshop. This was



KC8PD's Fox Hunt Beam

a chance for club members who might want to participate in the Fox Hunt on May 27th to cobble up some inexpensive, reasonably efficient, and simple to build directional antennas.

We had a great turnout: Russ - KB8DPN, Tom - KB8UUZ, Errol - KC8RJR, Al - KB8VJL, Bobby - WB8FEW, Dan - WD8DAU, Roger - KB8JHS, Tom - WB8LCD, Jim - KC8RKV, Albert - KC8ZZG, Carl - N4TIE, Mike - KB8TUY, and me (KC8PD).

Our plan was to work from a design and picture that can be seen at <http://home.cinci.rr.com/w8eh/dfyagi.htm>. It is a fairly straightforward antenna consisting of some 3/4" PVC pipe with a tee fitting and end caps, along with some bronze brazing rod and coax feedline.



The first step was to cut all the PVC pieces to length and glue the masts together. After that we kind of went in two different directions. The precision team, led by WB8FEW, began making careful measurements and drilling holes. The "who cares we can always bend the brazing rods" team of WB8LCD and KC8PD largely eyeballed the layout and drilled away.



With the rods With the rods taped in place on the first 'prototype' we began measuring SWR and trimming the rods. We finally got the SWR below 2:1 which seemed okay for fox hunting. At the suggestion of KB8DPN we moved the solder point from the tips of the driven elements to the opposite sides on the second antenna. With that we dropped to about 1.5:1 after trimming and bending. We were onto something! Our third model



came in at about 1.3:1 and we declared victory. Thanks to KB8UUZ the soldering looked quite professional. WB8FEW remained in pursuit of something closer to 1:1 and took his antenna home to tinker with it, along with the pieces and parts for another antenna. You can only guess what kind of magic he will conjure up in the basement workshop.

So we should end up with five ready to use antennas for



KC8PD KB8TUY WB8FEW

The Center of Hope was a convenient place to hold the workshop. It is located in Ravenna and had plenty of table space for antenna construction. And we also had the chance to help out by hauling in a bunch of canned goods that were being dropped off by postal workers who had collected them on their routes that day.



We would like to express our thanks to Family & Community Services, which operates the Center of Hope, for graciously allowing us to use the space.

Jim - KC8PD

Report on the May 27th PCARS Fox Hunt

[As described in the previous article, the PCARS Fox Hunt Workshop got us in tune for the first annual PCARS Blind Squirrel Fox Hunt.]

"Well, you never know what it will be like until you try it," might be the appropriate motto for PCARS' first ever "Blind Squirrel" fox hunt. It was the first transmitter hunt sponsored by the club, and for some participants it was their first chance to go t-hunting. On top of all that, it was a great chance to see



if our homebrew antennas would really work! Starting time for the event was noon on Saturday, the 27th and the rain from the preceding week had moved through and the weather was great. All the participants met and checked in at the

Cunningham Shelter in Ravenna City Park. For anyone not familiar with the park, this was a good chance to visit our Field Day site.

Turnout was good. Those attending included KC8PD as the fox and Tom - KB8UUZ, as the official photographer. The teams consisted of Errol - KC8RJR, Dave - WA8GCF, and Bobby - WB8FEW; Tom - WB8LCD, along with Carl - N4TIE; Jim - N8PXW, who was flying solo;



WB8VNO - On The Way

Gay - WB8VNO, and Ted - WD8CVH, although Gay made the run solo; and a late arrival, Dan - WD8DAU. We have to

give a lot of credit to WD8DAU because he was attempting the hunt without a directional antenna! KC8RJR's team was the only one using one of the homebrew antennas.

To make sure that there were plenty of chances to win, we had both 'novice' and 'pro' categories (the pros were those who had participated in more than two prior fox hunts) as well as a category for the shortest distance driven. Vehicles were sent out in one minute intervals to avoid folks playing tag or follow the leader on the way out.

Of course as it turned out we didn't have to worry about a logjam at the park entrance with just four vehicles headed out. It also meant that almost every team could be a winner.

Our goal was to have a hunt that was neither too hard or too easy. Something that would challenge the participants (and the hunt coordinator) without overextending any of us. The sneaky trick by the fox was to park his regular vehicle in his driveway as a diversion and then use his wife's car at a location a few hundred yards south of the house but across a set of railroad tracks. The trick seemed to work because Errol reported that they sat outside the house honking the horn to see if they could hear the horn while I was transmitting (just in case I was hiding out on the back deck.)



KC8PD welcomes 1st place N8PXW

combination of a doppler system along with experience and intuition can't be beat! Heck, he even beat KB8UUZ who knew where the fox was hiding. But that gave us a chance to re-enact the finish so that we could get a photograph.



N4TIE – WB8LCD

who was homing in on us. A last minute visitor at the finish line was Al - KB8VJL, who stopped by to see how we had all made out. From there a group of us headed to East Park for some lunch and good conversation. Every agreed that the event was plenty of fun.

Now that we know we can do it, we will plan on making the "Blind Squirrel" an annual event and look to make it a bit more festive of an event. We will still do some equipment homebrewing and maybe some other t-hunting events. We also encourage our members to join our friends in the

Well the clear winner was N8PXW who pounced on the fox less than ten minutes after he had pulled out of City Park. The

From there it was about a forty minute wait until the second place team of WB8LCD and N4TIE pulled in. By that time N8PXW had already driven back to the park, picked up WD8CVH and driven back to the finish. After about ten more minutes KC8RJR, WB8FEW and WA8GCF arrived. We talked WD8DAU into the finish and inadvertently disclosed the end point to WB8VNO

Cuyahoga Falls Amateur Radio Club (CFARC) in their regularly scheduled fox hunts. You can find more information about those at www.cfarc.org.

Jim - KC8PD

Pictures from the May 8th PCARS Meeting

The "Bring Your Rig Night"



KC8PD

WB8LCD



KC8RKV



WB8FEW



K8CMP



KC8PD

WB8LCD

KB8UUZ



WB8VNO



The crowd enjoyed hearing about various radios

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.mikesplacrestaurant.com



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

June Contest Calendar

June, 2006

Portugal Day	0000Z-2400Z, Jun 10
Asia-Pacific Sprint, SSB	1100Z-1300Z, Jun 10
ARRL June VHF QSO Party	1800Z, Jun 10 to 0300Z, Jun 12
SARL Youth Day	0700Z-1100Z, Jun 16
All Asian DX, CW	0000Z, Jun 17 to 2400Z, Jun 18
SMIRK Contest	0000Z, Jun 17 to 2400Z, Jun 18
West Virginia QSO Party	1600Z, Jun 17 to 0200Z, Jun 18
Quebec QSO Party	1700Z, Jun 17 to 0300Z, Jun 18
Kid's Day Contest	1800Z-2400Z, Jun 17
Run for the Bacon QRP	0100Z-0300Z, Jun 19
RSGB 80m, SSB	1900Z-2030Z, Jun 22
King of Spain, SSB	1200Z, Jun 24 to 1200Z, Jun 25
ARRL Field Day	1800Z, Jun 24 - 2100Z, Jun 25

Swap-N-Shop

Nobody has anything for sale, or wanted this month!
Must have found, or sold, everything at Hamvention!!!

Editors Note to PCARS members: Have you got some ham related item for sale? Or, maybe your looking for some ham related gear? Send me an e-mail and we'll put it in the Swap-N-Shop column.

PCARS Thursday Net Schedule

We have had a lot of fun on the 2-meter net. We've had check-ins from around town to around the world via Echolink. Every week there's chatter that continues after the net for another 30-45 minutes! It's a great place to find that guy you've wanted to hook up with but just never caught him on the air before. And don't forget, you'll be recognized for 10 consecutive check ins! We may have a few more certificates to pass out at the June meeting. Get on the net, it's a good way to keep up with what's going on.

Net control:

June 1	K8CMP – Chuck
June 8	KC8TYR – Robin
June 15	KB8UUZ – Tom
June 22	KC8PD – Jim
June 29	KB8VJL – Al
July 6	K8CMP – Chuck
July 13	KB8VJL – Al
July 20	KB8UUZ – Tom
July 27	WB8LCD – Tom



If you go to the PCARS web-site, we've got a basic script to use and a log in sheet. It's important that you keep a good record of the net and turn the log sheet in so we can keep a record of each week's net. It's really a good experience and will make you a better operator. And it's important experience to have if we ever do have a REAL emergency and you have to take it – you'll be glad you had the practice session.

Tom - WB8LCD

Thanks

Well, that's the 5th issue of the PCARS newsletter. Another 12 (plus) hours of work putting it all together. This issue sure has allot for everyone! I hope you enjoy it. I look forward to

you sending in those articles to share with our members. Thanks goes out to this months contributors: WB8LCD, KC8PD, K8CMP, W8KNO, KB8UUZ, KB8DPN, WB8VNO, K8QOE, KB8VJL, KA4KOE, K1HG, KT4KW, ARRL, and the world wide web. With your continued help – we can make this a great newsletter.

Tom - KB8UUZ
Newsletter Editor



*More photos from
the Dayton
Hamvention
May 19-21, 2006*





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 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 Elected Officers

Office	Call	Name	E-Mail
President	WB8LCD	Tom Sly	wb8lcd@portcars.org
Vice President	KC8PD	Jim Aylward	kc8pd@portcars.org
Treasurer	KB8UUZ	Tom Parkinson	kb8uuz@portcars.org
3 Year Trustee	KB8VJL	Al Atkins, Sr.	kb8vj1@portcars.org
2 Year Trustee	W8KNO	Joe Wehner	w8kno@portcars.org
1 Year Trustee	KB8DPN	Russ Anderson, Sr.	kb8dpn@portcars.org

PCARS Appointments & Committees

Awards	W8KNO	Joe Wehner	w8kno@portcars.org
Call Trustee	KB8VJL	Al Atkins, Sr.	kb8vj1@portcars.org
Field Day	KC8PD	Jim Aylward	kc8pd@portcars.org
KD8CKP QSL Mgr.	KB8VJL	Al Atkins, Sr.	kb8vj1@portcars.org
Net Controller	WB8LCD	Tom Sly	wb8lcd@portcars.org
Newsletter	KB8UUZ	Tom Parkinson	kb8uuz@portcars.org
PIO	KC8PD	Jim Aylward	kc8pd@portcars.org
Secretary	KB8UUZ	Tom Parkinson	kb8uuz@portcars.org
Web Master	KB8DPN	Russ Anderson, Sr.	kb8dpn@portcars.org



PCARS Mentors – Need some help or advice? Contact:

Echo Link	KC8RKV	James Godfrey	kc8rkv@portcars.org
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Portage County Amateur Radio Service, Inc. (PCARS)

Tom Parkinson - KB8UUZ - Newsletter Editor

9992 State Route 700

Mantua, OH 44255

PCARS Web Site: www.portcars.org



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