



PORTAGE AMATEUR RADIO CLUB



"Public Service Through Amateur Radio"

May June, 1998

SUMMER HAS SPRUNG !

KB8UUZ Editor

PRESIDENT:

Larry Solak WD8MPV

VICE PRESIDENT:

Dave Cluggish N8IIQ

SEC'Y/TRES:

Joanne Solak KJ3O/8

RADIO OFFICER:

Thomas H. Simmons N8QXG

TRUSTEES:

Roger Steiner KB8JHS

Andy Miller KC8CER

Dave DeSimio WA8GCF

P.A.R.C. Nets

**Sunday 145.39 -- ARES
8:30 pm**

**Tuesday 145.68 Simplex
9:00 pm**

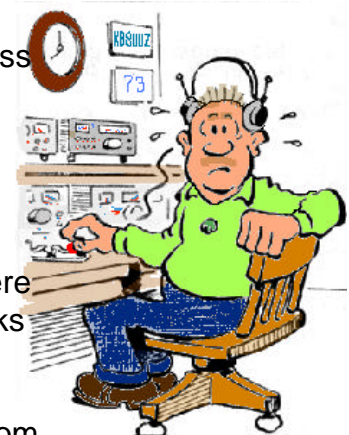
**Friday 29.4 FM Simplex
9:00 pm**

Summer has sprung - a bit on the wet side, but it looks as if the snow has finally left us. Time to get the garden growing and get those leaves out of the hiding places they have been since last fall. A lot has happened since the last newsletter. The club had a Skywarn training class in late April and the turn out was fantastic. The program was done well and all found it very informative and interesting. The Dayton Hamvention is history for another year and all that made the trip said it was a lot of fun seeing the new equipment, old equipment, and some friends from the airwaves. This year was VERY hot and sunny in Dayton. More ham fests are popping up locally, so dust off the walking shoes and get ready for a summer of fun. The solar cycle is slowly getting better and some of those far away stations are making their way into Portage county. What better time to get busy and upgrade the license to take advantage of being able to use more frequencies!

I'm using the Adobe Acrobat to convert this newsletter into a Portable Document File. PDF files can be read by just about any computer and you can get the Adobe Acrobat PDF reader for free from Adobe. Those of you receiving this by e-mail will have instructions on how to get the latest FREE Adobe Acrobat Reader right from Adobe.

Those of you having internet access have been able to get the newsletter in either PDF format (*WITH COLOR PICTURES!*) or text format right from the Portage Amateur Radio Club web page. In this issue of the news letter, there is something for everyone. Thanks for your inputs and please, keep them coming in.

73 & good DX KB8UUZ Tom



SECRETARY'S CORNER

The last regular monthly meeting of the Portage Amateur Radio Club was held April 22, 1997 in the EOC meeting Room of the Portage County Justice Center 8240 Infirmary Road, Shalersville. The meeting was brought to order at 7:10 PM by our President, **Larry Solak, WD8MPV**. Following the general announcements the minutes of the previous meeting were approved as read and the Treasurers report was approved as submitted. **Dave Cluggish, N8IIQ**, Portage County EC, announced some ARES events coming up in the near future. The American Diabetes Assn Tour-de-Cour 1998 will be held Sunday May 17th. A special session for SKYWARN training will be held here at the EOC April 29th at 7 PM. We are scheduled to work the Ravenna Balloon-A-Fair September 19, 1998. We discussed the "tornado(s)" funnel clouds, spotted in Portage County during the month, we also discussed the "Volunteer Portage County Group" who met here in the EOC to discuss interaction of the various groups in case of a disaster. It was very well attended with many group representatives attending..another meeting will be announced soon with a yearly schedule set up for these meetings.

May 9th at 9 AM Room 502 Kent Roosevelt School in Kent was the Portage ARC FCC VE Exams. We tested 12 candidates and we have three (3) new amateurs, with 8 candidates passing elements for credit and receiving certificates of completion for those credits - congratulations!!

The General Class upgrade classes have proven to be successful with 4 of our members now with elements passed! **Tom Rees, WA8IAA** was the instructor..congratulations on a job well done! The code class is next..the dates will be announced.

Want to visit our club webpage?

[http// PARC.PORTAGE.OH.US](http://PARC.PORTAGE.OH.US)

Remember Field Day is June 27th and 28th..The **Cluggish's** are hosting this years Field Day again..the address is 3275 Bartlett Road in Mantua..corner of Bartlett and Diagonal. 2 PM Saturday until 2 PM. Sunday with set-up Friday evening or even Saturday..the exact time will be

announced....cu there!!

The FCC is planning a major change in 610 forms! As an aftermath to reduce the paperwork and expenses by order of Congress the FCC has devised a single-Universal Licensing System where all Services will use the same form. This means the end of the traditional 610 form. The new form will be called a form 605..more on this as it becomes available.

We have a new Great Lakes Division Director..Dave Coons, WT8W, has automatically succeeded to the office of Director, since the resignation of Joe Falcone, N8TI, effective March 23. A new Vice Director will be announced soon.

Under heavy pressure from authorities and from increased Amateur Radio activity, taxicab drivers in the Big Apple reportedly are moving off 10 meters . The FCC and the TLC (Taxi and Limousine Commission) have cracked down on the illegal use of the 10-meter band by the taxi drivers (an ad hoc committee was formed to over-see this endeavor).

An unconfirmed report claims that US Senator and NASA astronaut John Glenn took Gordon West's ham class at Fry's Electronics in Southern California. John Glenn is preparing to go on the STS-95 US Space Shuttle mission in October.

A fee to obtain an Amateur Radio vanity call sign would drop drastically under the FCC's proposed fiscal year 1998 fee schedule. If adopted, the new fee will be \$12.90 for the ten-year term, payable at the time of application for a new, renewal or reinstated license.

Have you seen the Ohio Section Journal..our President, **Larry Solak, WD8MPV**, made the FRONT PAGE! LARRY, also the Ohio Section Emergency Coordinator, was photographed while chairing the ARES forum at the Great Lakes Division Convention in Cincinnati, Ohio. If you haven't seen the current Journal, one will be available at the next club meeting to pass around! Larry is in charge of the ARES forum at the Dayton Hamvention also which is coming up the middle of this month.

If you haven't received your pre-sale hamfest tickets for our Portage Hamfair 98, please call me at the club phone no and pick up some tickets to sell..or for yourself while the pre-sale price is in effect. I have tickets here at the office and bring them to the club meetings. If you haven't volunteered yet to work our Hamfair, please do so now..we can use your help!

The next meeting of our club will be May 27th - 7 PM Portage County Justice Center! The meeting in June will be on the 24th an in July on the 22nd.

A SPEEDY GET WELL to our club members who are "not up to par"..**Bill Clevinger, WB8CXP..Fran Koby (XYL N8SGS)..Bill Jones N8GGV..GET WELL SOON!!**

Well that's about it for this time around. I will be seein' you when and where you least expect it, until then BEST 73. - **Joanne KJ3O**

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PAPER CHASE!!

Just when I thought I had this issue's article down, the ARRL beat me out! I was going to have an article on the QSL buro, but QST magazine beat me to it, oh well, my next choice will get bumped up. You hear a lot about IRCs and I hope I can fill you in. "IRC" stands for "International Reply Coupon". A large group of nations have made postal agreements with each other so all of this works pretty good. The problem is when you are sending off for that QSL card you need, what do you do for return postage? Here in the states, it's no problem, you just stick a stamp on the return envelope. Or if it's Canada, we probably all have some Canadian money laying around from our last visit to Niagra Falls, so - pop it in the envelope to help pay postage for the return QSL. Brazil, England, France, Germany start rolling in, now what? Well that's where IRCs come into play. You can purchase IRCs from your local post office. Here in the states they cost \$1.05 each. You get one of these and enclose it in the envelope to that ham in England, and he can then take the IRC to his local post office and exchange it for British postage stamps. Your

QSO response will be much better since the foreign ham can handle the IRCs for getting stamps just like his own currency. Som require more than one IRC, so make sure you ask the person your making contact with. Why not just enclose a US Dollar Bill? Well a lot of places just can't handle exchanging of international currency. Try taking some Italian Lira to your local bank and getting it exchanged to US money. What you don't loose in the exchange fees, you loose in time it take you to make the extra trip to the bank. However, some places prefer the US Dollar (also known as a Green Stamp), so check with your contact before mailing off to exchange QSL cards. One more VERY important item. On the IRC there are two places for post offices to affix their stamp to validate the IRC. Make sure your local post office puts there stamp on the IRC and make sure it is on the proper area. If they don't stamp it, or they stamp the wrong side, the IRC is not worth anything. The picture shows a typical IRC that has been stamped and is ready to go.



The IRC above is shown as grey - it's light blue lettering with a yellow background design.

Updates on the First Contact Award, the Old Sock Award, and the Friendship Award - Since the Portage Amateur Radio Club is affiliated with the ARRL, we are able to process these awards for you and get your certificates from the club! Contact Joanne or Larry for more information. The awards are very attractive and can get you going on the Paper Chase! **CAUTION - Paper Chasing can become habit forming!!!**

73s - de KB8UUZ - Tom

Check out the upcoming QSO Parties in the contest column - good time to catch some counties!!!!

SKYWARN TRAINING

Skywarn Training, sponsored by the Portage Amateur Radio Club was held April 29th. The training was open to anyone interested and the turn out was super. The room was FULL and there were people standing to watch the great presentation. The foul weather season is still with us, so keep your eye to the sky!



SIX METER BAND PLAN

6 Meters (50-54 MHz)

50.0-50.1	CW, beacons
50.060-50.080	beacon subband
50.1-50.3	SSB, CW
50.10-50.125	DX window
50.125	SSB calling
50.3-50.6	All modes
50.6-50.8	Nonvoice communications
50.62	Digital (packet) calling
50.8-51.0	Radio remote control (20-kHz channels)
51.0-51.1	Pacific DX window
51.12-51.48	Repeater inputs (19 channels)
51.12-51.18	Digital repeater inputs
51.62-51.98	Repeater outputs (19 channels)
51.62-51.68	Digital repeater outputs
52.0-52.48	Repeater inputs (except as noted; 23 channels)
52.02, 52.04	FM simplex
52.2	TEST PAIR (input)
52.5-52.98	Repeater output (except as noted; 23 channels)
52.525	Primary FM simplex
52.54	Secondary FM simplex
52.7	TEST PAIR (output)
53.0-53.48	Repeater inputs (except as noted; 19 channels)
53.0	Remote base FM simplex
53.02	Simplex
53.1, 53.2, 53.3, 53.4	Radio remote control
53.5-53.98	Repeater outputs (except as noted; 19 channels)
53.5, 53.6, 53.7, 53.8	Radio remote control
53.52-53.9	Simplex

10 METERS, S.S.B. and a DIPOLE

Hello PARC members! In late March the CQ Magazine Phone Contest was on the air. I never planned to spend too much time on the radio that weekend, so my low number of contacts reflect the time spent. However, the time I was on the air was enjoyable and a lot of fun. I was looking to make contact with stations I have not worked before in past contests. I managed to work 37 stations during the times I was on the air that weekend. The 10 meter band opened up to South America fairly well. For those of you who don't have an HF radio, you are missing a lot of fun. I've been told CW is fun too, but that's another story. I made contacts with Argentina, Aruba, Barbados, Brazil, Canada, Puerto Rico, Venezuela, Paraguay, and Panama. I also managed to get my first 10 meter contacts to Spain, St. Vincent Island, and Chile. I did hear a "ZS" from South Africa coming in about 5-3, but I couldn't work him. I'm using about 10 watts into a half-wave dipole at 30 feet. I'm told that when the band opens - look out! The contacts will be rolling in! Now I'm waiting for all those return QSL cards. So long until next time, 73 and good DX - **Al Atkins - KB8VJL**



CONTEST INFORMATION

June 6

QRP TACTical Contest, sponsored by QRP Society of Central Pennsylvania and the EPA QRP Club, 1800-2400Z June 6. CW. QRP. Exchange Call, RST, Name and Tac (Telephone Area Code) or Country. DX Countries may use their Prefix. Pennsylvania stations will send an X after the prefix. There are 5 categories. QRP, 5 W or less, QRP. Less than 1 W, portable using temporary antennas, Homebrew, or Newbie (if this is your first contest). Score 5pts/per QSO 10pts/ per QSO with Pennsylvania stations. The same station may be worked on different bands, excluding 30, meters. Score equals QSO points TACS and Countries plus 1000 pts for every category entered. Certificates. Send logs by July 15 to Cameron Bailey, Box 173, Mount Wolf, PA 17347-0173.

June 13-15 - ARRL June VHF QSO Party.

June 20-21

Kid's Day Operating Event, sponsored by the Boring ARC, from 1800-2400Z Jun 20. Exchange name, age, location, and favorite color. Work stations again if operator has changed. Suggested frequencies 14.270 to 14.300 and 7.200 to 7.250. No scoring. All participants will receive a certificate. Send logs, comments, and funny stories to Boring ARC, 15125 SE Bartell Road, Boring, OR 97009. For more information see <http://www.jzap.com/k7rat/>. Results will be posted at: <http://www.contesting.com/kids/>.

SMIRK QSO Party, sponsored by the Six Meter International Radio Klub, from 0000Z Jun 20 until 2400Z Jun 21. 6 meters only. All phone contacts within the 48 states and Canada must be made above 50.125; only DX QSOs may be made between 50.100-.125. Exchange SMIRK number and grid square. Score 2 pts/QSO w/SMIRK member and 1 pt/QSO w/nonmember. Awards. Send entries by Aug 1 to Pat Rose, W5OZI, POB 393, Junction, TX 76849-0393. For more information, see <http://www.cswnet.com/~ka0nno>.

West Virginia QSO Party, sponsored by the West Virginia State ARC, from 1800-2400Z Jun 21. Work stations once/band/mode, no repeater QSOs. WV stations send RS(T) and county; others send RS(T) and state/province/DXCC country. CW -- 1.810 and 35 kHz up; phone -- 1.860 3.860 7.260 14.260 21.360 28.360; Novices -- 25 kHz up. Score 1 pt phone, 2 pts/CW QSO, and 25 bonus pts for working W8WVA. Final score is QSO pts x WV counties (max 55); WV stations use WV counties + states/provinces/DXCC countries. Add bonus pts to final score. Awards. Mail logs by Jul 24 to WV QSO Party, Dave Ellis, WA8WV, 610 Hillsdale Dr, Charleston, WV 25302; or e-mail WA8WV@aol.com.

June 27-28 - Field Day

VHF/UHF Century Club

The VHF/UHF Century Club is one of the League's newer awards, for working and confirming V/UHF contacts in 2x1 degree grid square locators on all V/U/SHF bands from 50 MHz to 300 GHz. Satellite and Laser contacts count, too. Individual certificates are issued per band to those meeting initial qualifying levels, with an extensive endorsement program beyond the initial certificate. All cards must be checked by ARRL VHF Awards Managers -- contact HQ for the Awards Manager near you. A VUCC lapel pin is available at a nominal charge. Further VHF/UHF Century Club information is available at <http://www.arrl.org/awards/vucc/>.

From our England Club Correspondent G0EOH, Don Bristow

Well time again to continue the article for our Club magazine, it is always a pleasure to be able to do a little something to help foster the good relations between our two Countries. Continuing from the last newsletter, here is part two of:

Code That Trapped Crippen Finally Signs Off Part -2-

Morse came up with the idea while returning by ship from Europe in 1832. The idea of sending information using wires had been around for 30 years, but no one had thought up a universal code system for sending messages.

His code, known to boy scouts down the years was very simple; A dot is dot - dash, B is dash. dot. dot. dot, C is dash-dot-dash-dot, and so on, No letter has more than four components, and with practice, sentences can be transmitted very fast.

Morse Codes heyday lasted more than a cantered became the main method of communicating business and government data, urgent messages and news reports, and was elbowed aside only very gradually by such modern developments as radio, Telex, the telephone, satellites and lately, the Internet.

In 1910, Morse caught its first criminal. The murderer Dr Crippen and his mistress tried to escape to a new life in Canada aboard the transatlantic liner, Montrose.

At sea, they must have thought they were truly away from their pursuers, but the captain recognised them and radioed Scotland Yard (British Police in England) by Morse code. They were arrested on board and returned to Britain, where Crippen was hanged.

Two years later Morse and the memorable new SOS message invented for it. (dit dit dit dah dah dah dit dit dit) was famously used by the doomed liner TITANIC.

It was also heavily used in both World wars. During the second, undercover operatives on both sides employed it to send messages from behind enemy lines.

Morse was netherless under threat as early as 1934, when the Post Office ceased using it in the inland telegraph service. Could Morse possibly last, it was asked at that time?

But it went on saving lives at sea, as brave radio operators put their lives at peril to tap out messages from stricken ships.

Adapted for use by lights, Morse allowed wartime Naval vessels to communicate quickly during radio silence - a simple form of total security which it has taken massively complex modern communication systems to replicate. Obsolete as it is now, Morse still has a romantic air about it. Which means even today almost everyone knows what it sounds like. Filmmakers still use it as a background sound to create an atmosphere of urgent communications. And Morse still takes the occasional starring role in Hollywood films, (see the new blockbuster TITANIC.) In the science fiction film Contact, Morse played apart, in the air terrorism thriller EXECUTIVE DECISION, it saved not just a fully loaded 747 jumbo jet, but the entire World. Morse may be officially dead from midnight yet just tune across the short wave on your radio and you will still the faint dah-dit-dah-ing of hundreds of Morse transmissions.

(to be concluded in the next issue of P.A.R.C. newsletter)



Here is a picture that may be of interest to some one there, it is a picture of one of our local beauty

spots about three miles from our QTH, it is the beach where in 1944 a U.S. Army infantry division embarked to assault OMAHA beach in Normandy France on D-Day. What a terrible disaster that landing was for all those poor guys?

I continue to monitor the freq 18.158 from 0900hrs up until 1130hrs (U.S. clock time) nearly every day and certainly hope that some of you able to work on that frequency will listen for me there, I am sat monitoring whilst in the shack working on my new toy the computer, so give a call, or maybe anyone with a computer and a E mail facility, can drop me a line at **don.bristow@virgin.net** I will promise to drop a line to any callers.

To all of you reading this short newsletter, I wish you all the very best 73s until next time.

G0EOH Don Bristow



Falmouth, Cornwall, England.

CQ CQ CQ to all P.A.R.C. Members!

Hamfest Information

June 7

Medina Two Meter Group, Medina, OH
Mike Rubaszewski, N8TZY
4264 Alpine Hill Ct., Brunswick, OH 44212
330-273-1519

June 7

Breezeshooters ARC, Pittsburgh (Butler), PA
Larry Polesnak, WB3KJG
PO Box 101035, Pittsburgh, PA 15237
412-367-7933
<http://www.users.sgi.net/~wolfie/>

June 14

Goodyear ARC, Akron, OH
Ken Phillips, K8CHE
351 Hillman Rd., Akron, OH 44312
330-733-5795
E-mail: KenPhillips@juno.com
E-mail: aa635@acorn.net

June 21

+ Cuyahoga ARS, Macedonia, OH
Rich James, N8FIL
7620 Crestwood Ln., Northfield Ctr., OH 44067
800-404-2282
<http://www.cars.org>

July 5

Triangle ARC, Lisbon, OH
Dick Sisley, K8JKB
1218 Northside Ave., East Liverpool, OH 43920
330-385-1245

August 2

Portage ARC, Randolph, OH
Joanne Solak, KJ3O
9971 Diagonal Rd., Mantua, OH 44255
330-274-8240
<http://parc.portage.oh.us>

September 12

Radio Association of Erie, Erie, PA
Matthew Steger, N3NTJ
1137 Mission Dr., Erie, PA 16509
814-835-1566 or 814-864-3809

September 13

Findlay Radio Club, Findlay, OH
Bill Kelsey, N8ET
3521 Spring Lake Dr., Findlay, OH 45840
419-423-4604
E-mail: kanga@bright.net
<http://www.bright.net/~kanga/w8ft/>

September 13

Butler County ARA, Butler, PA
Gerald Wetzal, W3DMB
784 Mercer Rd., Butler, PA 16001-1108
724-282-6777
E-mail: w3dmb@aol.com
<http://www.nauticom.net/www/cliff/bcara>

E-MAIL Addresses Still Needed!

We would like to send you your PARC Newsletter by e-mail. It saves the club in postage and printing when we can do this. Also you get the newsletter *REAL* fast. With the new software I am using, it doesn't matter if you have windows 3.1,/95, MacIntosh, or Unix. Using the Adobe Acrobat Reader will allow you to view, save, print, copy what ever you want from the newsletter. The file size is also smaller than a normal text, or WordPerfect file (that's what I use for my word processor. The

newsletter is in Portable Document File or PDF format. To get your FREE Adobe Acrobat reader, hop on the Internet and go to this address:

<http://www.adobe.com/acrobat>

So - send me you e-mail address! Drop me some e-mail at: tompeg@apk.net

See you in the July August issue!

Send me some info!

SEASONED WITH LOVE

ROASTED POTATOES

2 Tbsp. lemon juice, 4 tsp. olive or vegetable oil, ½ tsp. dried thyme, 1/8 tsp. pepper, ½ tsp. garlic salt, 6 small red potatoes, quartered In a medium bowl, combine lemon juice, oil, thyme, garlic salt and pepper. Add potatoes; toss to coat. Place in an 8 inch square baking dish that has been coated with nonstick cooking spray. Bake, uncovered, at 450 degrees for 40 minutes or until potatoes are tender, stirring occasionally. Makes 2 servings.

SWEET AND SOUR PORK

1/3 lb. pork loin chops, all visible, fat removed, 1 - 8 oz can pineapple chunks packed in its own juice, 2 Tbsp. brown sugar, 1 Tbsp. corn starch, 2 Tbsp. vinegar, 1 Tbsp. low-sodium soy sauce, 1/4 cup low-fat, low sodium chicken, ½ green pepper, cut into thin strips, 2 to 3 cups brown rice, cooked without broth, 1 tsp. olive oil added fat or salt. Cut pork into 1/2 inch strips. Drain pineapple; set aside; reserve juice. In a medium mixing bowl, combine brown sugar and cornstarch; add pineapple juice, vinegar and soy sauce, and broth; stir and set aside. Heat oil in medium non stick skillet stirring quickly until tender and browned. Drain the meat on a paper towel; keep warm. Wipe the skillet with another paper towel to remove any remaining oil. Add the juice mixture to skillet; cook over medium heat until it starts to thicken. Add the meat; simmer for about 5 minutes. Add green pepper and onion, continue to simmer for 5 minutes. Add pineapple; cover and simmer for about ten minutes more. Serve immediately over rice. Makes 2 servings.

KB8CLH - Vivian L. DeSimio

SPECIAL EVENT STATIONS

On May 1st a Special Event Station was held at the QTH of **Tom Parkinson KB8UUZ**. The Special event was the 40th annual Loyalty Day. Tom was transmitting from Freedom Township. Even with solar flares upsetting all the bands, a total of 235 contacts were made on 80, 40, 20, 10, and 2 meters over a 3 day period. The certificate was on fancy U.S. flag paper and had contact information, the history, and the purpose of Loyalty Day. Other special events are being planned - 4th of July and in September the National POW/MIA awareness week - from Freedom Township.

Lightning Safety Rules

Courtesy of the National Oceanic and Atmospheric Administration (NOAA), U. S. Department of Commerce

When lightning threatens...

1. Stay indoors, and don't venture outside, unless absolutely necessary.
2. Stay away from open doors and windows, fireplaces, radiators, stoves, metal pipes, sinks, and plug-in electrical appliances.
3. Don't use plug-in electrical equipment like hair driers, electric toothbrushes, or electric razors during the storm.
4. Don't use the telephone during the storm. Lightning may strike telephone lines outside.
5. Don't take laundry off the clothesline.
6. Don't work on fences, telephone or power lines, pipelines, or structural steel fabrication.
7. Don't use metal objects like fishing rods and golf clubs. Golfers wearing cleated shoes are particularly good lightning rods.
8. Don't handle flammable materials in open containers.
9. Stop tractor work, especially when the tractor is pulling metal equipment, and dismount. Tractors and other implements in metallic contact with the ground are often struck by lightning.
10. Get out of the water and off small boats.
11. Stay in your automobile if you are traveling.

Automobiles offer excellent lightning protection.
12. Seek shelter in buildings. If no buildings are available, your best protection is a cave, ditch, canyon, or under head-high clumps of trees in open forest glades.

13. When there is no shelter, avoid the highest object in the area. If only isolated trees are nearby, your best protection is to crouch in the open, keeping twice as far away from isolated trees as the trees are high.

14. Avoid hilltops, open spaces, wire fences, metal clotheslines, exposed sheds, and any electrically conductive elevated objects.

15. When you feel the electrical charge -- if your hair stands on end or your skin tingles -- lightning may be about to strike you. Drop to the ground immediately.

SURFING THE NET

In my quest to gather information for the newsletter, I run into a number of ham related web sites. For those of you that have internet access, try some of these out. You should find some interesting information:

Portage Amateur Radio Club - Our Web Site!
<http://www.parc.portage.oh.us>

The American Radio Relay League
<http://www.Arri.org>

Radio Amateurs of Canada
<http://www.rac.ca/index.htm>

The Radio Society of Great Britain
<http://www.rsgb.org/contents.htm>

North East Ohio Amateur Clubs, Nets & Repeaters
<http://w3.gwis.com/~tsarah/ham.htm>

The Virtual Ham Fest - an on-line hamfest 365 days a year!
<http://www.vhamfest.com>

3905 Century Club
<http://www.nmia.com/~bsavage/cc/ccp1.html>

10-10 Net International
<http://listserv.lehigh.edu/lists/tenten-l>

Portage Amateur Radio Club, Inc.

Membership Form

Name _____ Call Sign _____
 Class _____

No. and Street _____ City _____ State _____

Zip Code _____ Home Phone _____ Age _____

Packet Address _____ E-mail Address _____

ARRL Member (Y/N) _____ ARRL Membership Expiration Date _____

Additional family members living at home who are or want to be club members

	Name:	Call:	License Class:	ARRL Member (Y/N)
1.	_____	_____	_____	_____
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____

Employer: _____ Location: _____

Occupation: _____ Work Phone: _____

Married: _____ No. Children _____ Year First Licensed _____

List your interests in Amateur Radio. _____

Are you a member of Amateur Radio Emergency Services (ARES) (Y/N) _____

If not a member of ARES, would you like to join? (Y/N) _____

Please check the Bands and Modes you can operate:

Band	160	80	40	30	20	18	15	12	10	6	2	220	440	1276
Phone														
CW														
Mobile														

Do you operate: RTTY _____ Packet _____ ATV _____ Other _____

What do you like about PARC? _____

What changes or improvements would you like to see made? _____

Single Membership \$12.00 Family membership \$15.00

Dues are due: January 1, 1998

Signed _____ Date _____

Mail to: Portage Amateur Radio Club, Inc.
 c/o Joanne Solak - KJ30/8
 9971 Diagonal Rd.
 Mantua, OH 44255

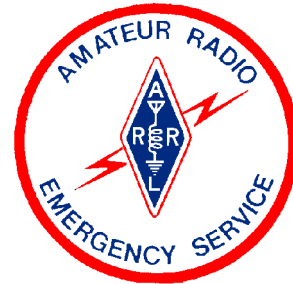
If you have any questions call Joanne at: 330-274-8240

The Portage Amateur Radio Club meets the 4th Wednesday of each month at 7:00 PM
PORTAGE COUNTY JUSTICE CENTER, 8240 Infirmarary Road, Shalersville, Oh.

Guests are always welcome!

For more information contact Joanne or Larry Solak at: 330-274-8240.

P.A.R.C. Repeaters: 145.39MHz. 442.875MHz. Located in Ravenna, Ohio



HAMFAIR® '98 -- August 2, 1998

Portage Amateur Radio Club, Inc.
Joanne Solak - KJ3O/8 - Secretary
9971 Diagonal Road
Mantua, OH 44255



"Public Service"
Through Amateur Radio