



# WASHRAG

TM



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October 1999

N3SH WA3SH

www.hky.com/~sanfordb/index.htm

Wireless Association of South Hills

## WA3SH CLARION COUNTY 1999 PA QSO Club Expedition

The Wireless Association of South Hills, Inc., will operate from semi-rare Clarion County during the 1999 Pennsylvania QSO Party under their club call WA3SH.

Experienced testers Bob McCloskey W3RJM and Bill Hill W3WH will lead a team of operators based at the summer cabin of Rich Danko N3SBF. Other operators of the team include PA QSO veteran Ron Notarius WN3VAW, Steve Lane W3SRL, and many other club members.

The team will run one or two transmitters as WA3SH from the N3SBF QTH on Saturday, October 9. The team plans to keep one transmitter on 40 meters at all time, with the second station running 20 and 10 meters during the day, 160 and 80/75 meters at night.

In addition, depending on the number of operators available, several "mobile/rover" teams will fan out into neighboring Forest, Elk, and surrounding counties during the later afternoon hours. WASH plans to have at least one and as many as three mobile teams based from Clarion County on the road at any one time during these hours.

Other WASH members will be active during the contest as well. Look for a mobile or portable operation from Dr. John Benitez KE3XB, as well as home QTH operations from Don Vollant N3KEH in Allegheny County and Bob Livorne N3WAV in Westmoreland County. Also, many of the team members will also be operating from their home QTH's when not on duty at the club station.

WASH members and other interested amateurs who would like to participate in these operations, regardless of license class, are encouraged to contact the WASH PA QSO Party Coordinator, Don Vollant N3KEH, or team leaders W3RJM and W3WH for further information.

**Note:** You must make prior contact in order to operate with the club in order to get directions to find the operating location!

### Next Meeting: October 14th, 1999

The next monthly meeting of the Wireless Association of South Hills, Inc. will be Thursday, October 14th, at 7:00 PM at the John McMillan Presbyterian Church, 875 Clifton Road in Bethel Park. Talk-in on the 146.955 N3RNX/R Repeater.

Guest speaker and topic(s) was not set at deadline. But we will be talking about plans for the fall, the Pa QSO Party wrapup, ARRL Sweepstakes, WASHfest 2000 plans, PSK31 and more...

All radio amateurs & interested guests are, of course, invited! See you there!

### Do YOU Plan to QSO?

With two weeks to go (as this is being written) to the 1999 running of the PA QSO Party, I've had a lot of questions asked. Here's some quick Q&A:

*What license class(es) are eligible?* Any!

*Can I operate from the club station & my home?*

Yes, as long as you use your own call from home.

*How often can I work someone?* Once per band, per mode, per county. When mobiles/rovers/portables change counties, work them again!

*Can I operate from more than one county?* Yes, as long as you indicate which county you're in at the time of the contact.

*What's the exchange?* You send call & county.

You get call & county (PA stations) or ARRL/RAC section (everyone else). Multipliers are your total counties, sections & 1 DX. And you'll get double multi credit on your first WPA & EPA counties!

*I don't have a mobile. Can I go portable?* Sure!

Grab a rig, a card table, a chair, a battery, a tuner & a long-wire or simple antenna. Find a nice high spot, set up & go! It can be that easy!

*What are the best bands to operate?* 40 meters during the day & evening, 80/75 meters evening into nighttime. But keep an ear on 10, 15 & 20 meters for the MidWest & West Coast Multipliers.

*Why do 160 & 80 CW contacts score more points than other CW contacts?* Because Doug W3HDH set it up that way. He likes those bands on CW!

73, Ron Notarius WN3VAW, President  
Wireless Association of South Hills, Inc.

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## Schedule of Events

## October 1999

- N3SH/WA3SH WASH Club Net, 9:00 PM ET Sunday Nights on the 146.955 & 443.650 Repeaters

## NCS Schedule:

- ⇒ October 3rd: Paul NOVLR
- ⇒ October 10th: Greg KQ3DX
- ⇒ October 17th: Chuck N4MIS
- ⇒ October 24th: Greg KQ3DX
- ⇒ October 31st: Caspar GHOST

## LOOKING AHEAD:

- ARRL Sweepstakes Weekends: CW Nov. 6-7 — SSB Nov. 20-21
- CQ WW DX CW Contest
- ARRL 10 Meter Contest
- ARRL 160 Meter Contest
- Don't Forget! **WASHfest 2000**, February 20th, 2000, CSVFD Memorial Hall. It's not too soon to start planning for it! (Contact W3SRL or W3WH for more info)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				9/30 Collins Collectors Assoc. AM Night 3875 kHz 9 - 11 PM ET	1 Elco ARS Meeting	2 RA Erie VE Test CA QSO Party Susquehanna Valley ARC Hamfest RSGB 21/28 CW
3 CA QSO Party Pack Rats Hamfest Ellwood City ARA Mtg RSGB 21/28 SSB	4 Breezeshooters Net GPVHS Meeting	5 NHARC Club Net	6 Allegheny Co ARES Net SCARC Social Night West Coast Qualifying Run	7 WACOM Meeting YLRL YL Anniversary Contest CW	8 YLRL YL Anniversary Contest CW	9 <b>PA QSO Party</b> FISTS CW Sprint BARTG RTTY Spring 2M Sidewinder Shootout
10 <b>PA QSO Party</b> Columbia ARA Hamfest 2M Sidewinder Shootout Ten-Ten Day Sprint	11 Breezeshooters Net ARL Lawrence Co Mtg. WIAW Qualifying Run	12 Foothills ARC Meeting Nittany ARC Meeting NHARC Club Net	13 Allegheny Co ARES Net SCARC Social Night NHARC Meeting	14 <b>WASH Meeting</b>	15 2 Rivers ARC Meeting	16 RSGB 21/28 CW JOTA IL QSO Party Asia-Pacific Sprint CW
17 RF Hill ARC Hamfest Elk Co ARA Meeting RSGB 21/28 CW IL QSO Party	18 Breezeshooters Net	19 SCARC Meeting NHARC Club Net	20 Allegheny Co ARES Net	21 <b>WASH VE Test</b> Breezeshooters Dinner Triple "A" ARA Meeting YLRL YL Anniversary	22 YLRL YL Anniversary Contest SSB	23 RI QSO Party QRP ARCI Fall QSO Pty
24 Foothills ARC Hamfest RI QSO Party QRP ARCI Fall QSO Pty	25 Breezeshooters Net	26 Triangle ARC Meeting Mercer Co ARC Meeting NHARC Club Net WIAW Qualifying Run	27 Allegheny Co ARES Net SCARC Social Night NHARC Activity Night	28 SHARC Meeting	29 What? Is this the only day of the month that nothing is scheduled to be going on?	30 CQ WW DX Phone ARRL EME Competition 10X Fall CW QSO Party
31 <b>Halloween</b> CQ WW DX Phone ARRL EME Competition 10X Fall CW QSO Party	11/1 National Sick Stomach Day Breezeshooters Net	11/2 NHARC Club Net	11/3 Allegheny Co ARES Net SCARC Social Night	11/4 WACOM Meeting	11/5 Elco ARS Meeting	11/6 RA Erie VE Test ARRL Sweepstakes CW

## WASH 1999 OFFICERS

## THE LEGAL STUFF

**Executive Committee:**

President	Ron Notarius WN3VAW
VP/Secretary	Steve Lane W3SRL
VP/Treasurer	Mark Stabryla N3RDV

**And We Couldn't Do It Without:**

N3SH & WA3SH Trustee	Steve Lane W3SRL
VE Team Liaison	Bob Sanford AA3FI
Club Communications	Bob Sanford AA3FI
Club Quartermaster	Harold Rosenberger KB3CPI
N3SH/WA3SH WASH Net Managers	
2 Meter FM	Don Volland N3KEH
10 Meter Digital	John Benitez KE3XB
South Hills Hamfest Co-Chairman	Steve Lane W3SRL
<b>(WASHfest 2000)</b>	Bill Hill W3WH
Field Day Chairman	Greg Babin KQ3DX
PA QSO Party Coordinator	Don Volland N3KEH

**Club-Affiliated Repeaters:**

Mt. Lebanon	N3RNX/R	146.955 -	PL 131.8
Mt. Lebanon	W3SRL/R	442.550 +	PL 131.8
Canonsburg	N3FFP/R	443.650 +	PL 131.8

**N3SH/WA3SH WASHNet**, the weekly on-air net of WASH, meets every Sunday Night, 9:00 PM ET, on the 146.955 repeater, usually followed by the 10 Meter SSB Informal Net on 28.469 MHz.

The **10 Meter Digital N3SH/WA3SH WASHNet** meets on 28.105 MHz at 9:30 PM ET, starting with RTTY.

(Both 10 meter frequencies are +/- QRM).

All radio amateurs, WASH members or not, are welcome to join in!

"The WASHRag™" (formerly "The Mariner™") is the Official Newsletter of the **Wireless Association of South Hills, Inc. (WASH)**

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The **Wireless Association of South Hills, Inc.** was founded in 1993 as the original South Hills Amateur Radio Club, and operated under that name through 1998. WASH was also known briefly in late 1998 as the "N3SH Amateur Radio Club." It is not in any way affiliated with the "South Hills Amateur Radio Club, Inc." and is not responsible for that group, its members, or its actions in any way shape or form.

As always, special thanks to the owners of both the N3RNX/R Repeater System and the N3FFP/R Repeater System for permitting the **Wireless Association of South Hills, Inc.** and its members to use their repeaters for club purposes.

## WASH Amateur Radio Club News Briefs

### Next WASH VE Test October 21st!

Our Next VE exam session will be **Thursday, October 21, 1999**, at **7:00 PM**, at the *John McMillan Presbyterian Church*, 875 Clifton Road, Bethel Park, PA. Talk-in on 146.955 MHz. All examiners are ARRL affiliated. Morse code exams are multiple-choice. Walk-ins are welcome, but if you plan on attending the test session, please contact VE Team Liason Bob Sanford AA3FI, telephone (724)-356-4020 or E-Mail: sanfordb@access.hky.com

Please bring the following to your test session:

Picture ID or other suitable identification (2 forms of ID required)

Pen / Pencil / Calculator

Original FCC license plus a copy of license (if upgrading)

Original CSCE plus a copy of CSCE (if upgrading)

Check or Cash in the amount of \$6.45 (payable to: ARRL VEC)

Remember: Novice written (element 2) and 5 wpm (element 1A) code exams are **free**.

FYI Networks, an internet provider in the Pittsburgh & surrounding areas since 1995, is offering all members of WASH their Basic Internet account, normally \$20/month, for only \$15/month. This includes 1 e-mail box, 3 MB of disk space, web page hosting, Telnet & FTP access. Call FYI toll-free 877-FYI-4NET, or e-mail them at sales@fyi.net, for more details or to sign up. **You must mention that you are a member of the Wireless Association of South Hills to get the discount rate.** Many thanks to FYI Networks for making us this special offer available.

### WASH Club Shirts, Hats & Jackets Now Available!

Ham Threads of Perry, MI is providing embroidered shirts and jackets with the club logo. Polo shirts are only \$22.95 per shirt; hats are \$10.95; and jackets are only \$42.95 for S M L & XL sizes when we place a group order. (\$2/shirt or \$3/jacket more for 2X 3X & 4X sizes;). If you'd like your name & call, or other lettering, on the opposite side of the shirt or jacket, the cost is \$8 more per item to cover the extra setup involved. Shirts are available in a variety of colors, including Black, White, Forest Green, Natural (Cream), Gold, Red, **Navy Blue**, Royal Blue, California Blue, and "almost any color you can think of." The jackets are available in Black, Forest Green, Khaki and **Navy Blue**. Delivery time is approx. three to four weeks. We'd like to put together another order at the October meeting, so if you are interested, bring your form & check to the meeting or send it to WN3VAW or W3SRL by October 14. Please make all checks payable to Ham Threads. (The club makes no money from the sale of these items.)

With the hurricane season upon us, watch the bands for emergency nets & please give them clear channels if you're not directly involved in the net operations.

Here is a great Web Page for information about Learning CW. Check it out!

<http://www.w5blt.com/learningcw.html>

— Bob Ferrey Jr. N3DOK

**N3SH Status:** As of newsletter deadline, we are still awaiting word from the FCC. Based on the last incident, we will have to be patient. Meantime, again remember that club members are advised to refrain from using N3SH on the air to avoid problems. And isn't it sadly ironic that these incidents give us a legitimate reason to continue to also hold the club call WA3SH?

**"What Is It?" Photo ID Contest!** Take a good look at that photo on the back page (or look for the full color photo on the club web site.) KE3XB wants to know if you know what this is and what it does. (Hint: This item was located at UPMC in Oakland.) Send your best guess to [wn3vaw@fyi.net](mailto:wn3vaw@fyi.net) before October 24th. The person who has the closest guess as to the object and it's function will win a PSK31 kit. This is open to anyone reading this, club member or not. One guess per individual, and in the event of a tie, the winner will be picked at random. (WN3VAW, KE3XB & their families are not eligible). The winner & correct answer will be in next month's newsletter.

Please remember that if you're storing club gear for us, and haven't already done so, make sure our Quartermaster KB3CPI knows what you have and what type of condition it's in. Harold's is in the process of compiling an up-to-date WASH property inventory so that we know what we have and who's got it.

With all the attention being paid to the PA QSO Party, don't forget that the annual Scouting "**Jamboree on the Air**" will be the weekend of October 16 & 17. If anyone would like to operate WA3SH in conjunction with JOTA, please contact W3SRL, N3RDV or WN3VAW — and please let us know which Scout group(s) you'll be working with.

Are you a **Breezeshooter** with an email address? N3UE is putting together a mailing list for interested Breezeshooter's to pass on information. Contact [N3UE@breezeshooters.net](mailto:N3UE@breezeshooters.net) for more info.

You may have read that the Harvard Wireless Club **W1AF** is celebrating it's 90th anniversary this year & claims to be the oldest Amateur Radio Club today. What you may not know is that Penn State's club station, **K3CR**, also dates back to 1909 & should also be celebrating it's 90th anniversary this year (the club itself only dates to 1965... it's a long story.) K3CR was first licensed as 8XE in 1912. Sad news out of State College is that the future of the station may be in jeopardy because it's current home, a WW II era "temporary" building, is slated for demolition in a few years. Current club trustee WA3FET is confident that PSARC will pull through this just fine. Let's hope he's right. Oh yes... MIT's **W1MX** also dates to 1909 & also claims to be the oldest radio club.

Looking for W3SRL's promised article on a homebrewed PSK31 board? We pulled it, because the kits he found work better & cost less (\$17 instead of \$25 for Radio Shack parts). Contact Steve for more info on ordering the PSK31 kit for an upcoming meeting!

**Congratulations** to Jenny N3ZEI on her new harmonic, Alexandra! We're told that Alexandra joined us on September 23rd, weighing in at about 6 ½ pounds.

## Minutes, September 9th 1999 Meeting

Steve Lane W3SRL Vice President/

Meeting called to order at 19:10 local time by WN3VAW, 14 members were present.

Announcement that John, KE3XB would be giving a demonstration of Slow-Scan Television, immediately after the business meeting.

A moment of silence for Silent Keys was observed.

Introductions were made.

Minutes of the August meeting were read & approved. N3QMV/N3SBF.

Secretary: Nothing new to report

Treasurer: Read & Accepted.

Repeater: W3SRL for N3RNX. 440 machine moving to a new, better site. We will be looking for help.

2M Net: N3KEH – Doing OK, getting volunteers again.

Digital Net: KE3XB – Intermittent over the summer, some folks have been volunteering to step in for me.

Contests: N3KEH – PA QSO Party. Looking for ideas on how we should operate. General discussion followed. Several members have expressed an interest in varied types of effort. (Mobile effort ; Rover Effort; Multiop possibility ; Rare Counties); Total club effort from one location. Scoring is cumulative for the club as long as you annotate the log w/ club name & club sends in a current roster. Possibility of sponsoring one of the plaques for the contest. \$40-\$50 cost to the club. WN3VAW offered his shack for Sweepstakes.

Newsletter: WN3VAW; Steve got a nice email from *Worldradio* magazine re: his QRP article in the WASHRag. Proposed sending out 100 or so additional newsletters to non-members. N3IDH Mentioned that WACOM has been sending a postcard out reminding members of the meeting. They have been sending out 10 extras to non-members in the area and had a good response.

President: Still in a holding pattern regarding the complaint pending on N3SH; patience. Some additional newsletters received from other clubs. Have been approached informally by two folks from two different clubs about the possibility of merging clubs. Dave, N3IDH (President of WACOM) stated that he would welcome exploring the options with WACOM, and felt that the other officers of WACOM would probably agree. Open for suggestions. General discussion followed.

Old Business: FCC Complaint pending.

New Business: Letter received from Mt. Lebanon EMA for Y2K assistance from the amateur radio community for in the event of a phone system outage in the area on New Year's Eve. Catered buffet included.

Good of the Order: Continued discussion of PA QSO Party. N3SBF volunteered his cabin in Clarion for the event. Motion by W3WH/W3RJM to run a club multi-operator station from there. Carried. W3WH & W3RJM then volunteered to be in charge of the team. Butler Hamfest is Sunday, Sept. 12<sup>th</sup> at the Butler Farm Show Grounds. A mini-picnic will then ensue. We will be (upwind!) of the rest rooms. Mike WA3PYU plugged the upcoming *Great Race*. Ham volunteers are still needed; contact him for more information.

General welcome to our newest member, Paul Lusardi NOVLR.

Motion to adjourn was made by N3RDV/N3SBF and then carried. The meeting was adjourned at 20:15 hours.

KE3XB then presented his program on SSTV, assisted by Frank, N3XI at his home QTH.

The CT home page on the web has moved to <http://www.k1ea.com>. Please update your bookmark files. The old site has a pointer to this site, but doesn't automatically take you there. This new site should be a little easier to use. Registered users can click on the link at the top of any page in order to go to the registered user's download page. Please send any comments about the site, good or bad. There's still a lot of work to be done on it. — Jim Reisert AD1C [jjreisert@alum.mit.edu](mailto:jjreisert@alum.mit.edu)

## Balloting Favors New ARRL West Central Florida Section

ARRL Letter courtesy American Radio Relay League

ARRL members in nine Southern Florida counties have voted overwhelmingly in favor of creating a new ARRL West Central Florida Section. Ballots counted on September 15 at ARRL Headquarters showed 920 members favoring the idea--proposed by the West Central Florida Section Committee--and 86 opposed. A county-by-county breakdown of the vote indicates that a majority of ARRL members who cast ballots in each county voted for the proposal. The counties involved are Charlotte, DeSoto, Hardee, Highlands, Hillsborough, Manatee, Pinellas, Polk and Sarasota.

ARRL Executive Vice President David Sumner, K1ZZ, says the next step is for the ARRL Board of Directors to review the entire file and to vote to approve or disapprove the proposal. No timetable has been established for completion of the Board's review. The ARRL Board has the final say on whether the new section will be created.

The petition was filed with the ARRL last April. ARRL By-laws provide that a new section may be created from one or more existing sections. The most recent new ARRL section created was Northern New York in 1996. Presently there are 70 ARRL sections.



## Allegheny County ARES News

Bob Ferrey Jr. N3DOK,  
EC, Allegheny County  
(412) 367-2393 or [n3dok@pgh.net](mailto:n3dok@pgh.net)

Not operating in the PA QSO Party? Forest County ARES needs your help! The TOUR de FOREST ATV trail ride is being held on October 9th and 10th. RADIO operators are needed to pass health and welfare traffic back to the organizers. Please contact Betty Tyers N3HJU on the 145.23 repeater and tell her that you can help.

You will be asked to check-in at the Marienville Fire Department ahead of time to get your assignment, maps and folder with lots of good information in it. Betty will let you know how to retrieve your free breakfast, lunch and a nice T-shirt. Come prepared with a good 45 watt mobile unit, chairs, paper, pencils, clipboard, sunscreen, goodies to eat and soft drinks to your liking. The ride is over by 5 PM and you will be dismissed accordingly. For more information please check <http://www.allegheny-online.com>

Help show the community that ham radio is important. This is good publicity for our Club and ham radio. The organizers have been very generous to the Fort Venango Mike and Key Club. Please volunteer so that we can continue this relationship. You can also reach Betty through the WPA Phone and Traffic Net. Her email address is: [n3hju@csonline.net](mailto:n3hju@csonline.net)

K4XL's Boat Anchors Manual Archive (BAMA) web site, destroyed recently by hackers, is back up and better than ever. Check it out: <http://bama.sbc.edu/> — Brad Stone NB9M, Webmaster, Hallicrafters Collectors Association [www.hallicrafters.org](http://www.hallicrafters.org)

# Skyhooks: HF Antennas on a Shoestring

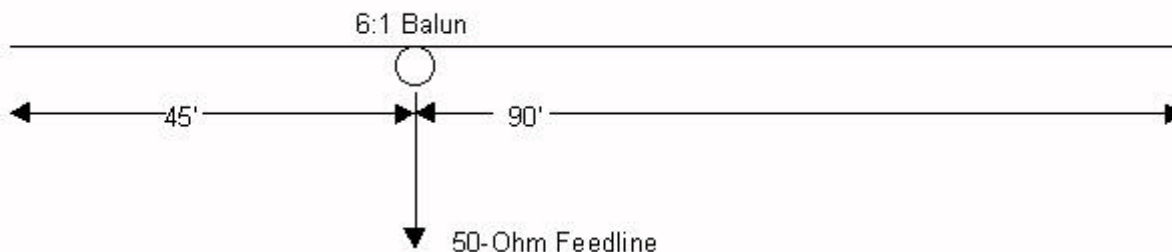
Steve Lane W3SRL

Ask 5 hams what kind of HF antenna is the 'best' and you're sure to get at least 5 answers. Different answers. And before the dust settles, you're likely to hear some rather (off) color comments as well. You'd be much, much safer discussing say, politics or gun control.

It seems that antennas are about as personal as one can get. Everyone has their own favorite or two and a whole slew of justifications (or rationalizations?) for them.

The plain and simple truth is this: Whatever antenna suits your QTH and operating requirements is the best antenna for you!

The following is one of my favorites, because it is fairly efficient, works 10-80m (except 15m) with a tuner, and it is only slightly longer than a G5RV. It's the Off-Center-Fed Dipole or OCFD for short.



The OCFD is a simple coax-fed wire dipole antenna that is often incorrectly referred to as a Windom. It measures 135' in overall length, and works best in a flattop configuration, or the ends can be drooped toward the ground to fit a particularly small lot. In fact, if installed 25' high, BOTH ends could be drooped 10' and still keep things safely 15' up while only taking up the space needed for a G5RV. And anyone who has ever fooled with a G5RV knows they can be a real BEAR to tune at times!

What makes the OCFD different from a garden-variety dipole is that the feed point is at the one-third point of the overall length, or 45' from one end. The other leg, thus is 90' long. The coax is not directly attached to the antenna, but rather is coupled via a 6:1 balun which also provides a support point for the center(?) of the antenna. This is necessary, as the balun and the coax feed will droop the feed point considerably.

And yes, you read correctly, this is a 6:1 balun, and not a 4:1 or 1:1 unit used in most dipoles. This is because of the higher impedance found at the feed point due to the unequal lengths of the legs. The balun converts the 50-ohm feed line impedance to a 300-ohm impedance, which is much more to the liking of the 45- and 90-foot legs of the antenna. It should be installed as a flattop, as the inverted-vee configuration throws much of your signal straight up in the air according to several much more knowledgeable sources than myself.

So how does it perform? Exceedingly well. In fact, this very antenna has been used at our club's last two field days, our activation of 14-mile island and several other little jaunts. It is relatively broad, requiring little touch-up tuning on all bands except 80m. In fact, this antenna is not even supposed to work on 15m but the autotuner on the club's ICOM 738 rig was able to bring things under control. The math shows this antenna to be very inefficient on 21 MHz though. The OCFD antenna is somewhere right around 3 wavelengths long on 15 meters, and the feed point impedance is several thousand ohms on 21 MHz, making it

unsuitable for use there. A rather small concession to be made for the use of 6 other bands, including 80m!

For those of you wishing to try this nifty little antenna, I have found a source for the 6:1 balun: The Radio Works, web page at <http://www.radioworks.com> offers one rated at 1.5 KW for only \$45. So, at this rate you could quite conceivably whip up your own OCFD for fewer than fifty bucks and have every band from 10-80m covered (minus 15m) for a very attractive price. This coupled with the number of 'bending' options and the ease of tuning make the OCFD a winner in my book. I liked the club's copy of this antenna so much, I built one of my own to augment my GAP vertical.

Hopefully, I'll have it on the air by the time this article goes to press. I'll be sure to let you know how it sounds once I do!

## '99 PA QSO Mobiles Rovers & Portables

Bud Trench AA3B [cwtrench@sprynet.com](mailto:cwtrench@sprynet.com)

Here are some of the Mobile, Portable and Rover stations expected on the air during the PA QSO Party. Keep a listen near the mobile windows. Up to date information is available on the PA QSO Party Reflector, [paqso@qth.net](mailto:paqso@qth.net).

Armstrong	N3DQU/R	Monroe	KS3Y/M
Bedford	N3NWA		W3DYA/M
Bradford	W3DYA/M	Montgomery	W3DYA/M
Bucks	W3DYA/M	Northampton	W3DYA/M
Butler	N3DQU/R	Snyder	W3DYA/M
Cambria	WA3SES/P	Somerset	K8SYH/P
Cameron	NA2X/3/R	Sullivan	W3DYA/M
Carbon	W3DYA/M	Susquehanna	W3DYA/M
Clarion	W3HA Bonus Station <b>WA3SH</b> Club Call	Tioga	K3T Special Event Station W3DYA/M
	N3IXR/P	Philadelphia	W3DYA/M
	N3DQU/R	Pike	KS3Y/M
Crawford	N3KT/M		N3GWR/P
Delaware	W3DYA/M		W3DYA/M
Elk	NA2X/3/R	Potter	W3DYA/M
Erie	N3KT/M	Union	W3DYA/M
Fayette	K3MI May use AF3O	Venango/Clarion County Line	
Greene	WB5NLJ/P QRP		KN4SK/R
Indiana	KA3MBC Starts Saturday Evening	Venango	N3DQU/R
		Warren	NA2X/3/R Saturday Night 80/75
Lackawanna	KS3Y/M		W3TDF/P
	W3DYA/M		N3KT/M
Lawrence	N3KT/M	Wayne	KS3Y/M
	AA8QQ/P May use N3L		W3DYA/M
	N3DQU/R	Wyoming	W3DYA/M
Lehigh	W3DYA/M	West Coast	W3HDH/6
Luzerne	KS3Y/M		
Lycoming	W3DYA/M		
Mercer	N3KT/M	Tim	W3YQ will <b>not</b> be in Forest County this year.
	N3DQU/R		
Mifflin	K3DNA Club Call		
	WB3IVX		

List updated 22 September 1999

## WASH Membership October 1999

KB3ANH	Matt Matter
WN3BOJ	Ted Pinsker
KB3CPI	Harold C. Rosenberger
KB3DCO	Fred Beighley
KB3DSB	Ashley Sanns
KB3DSC	Brian Keefe
KQ3DX	Greg Babin
KB3ECD	Frank Thompson
AA3FI	Bob Sanford
W3HEA	William G Hinds
N3IDH	David DeMotte
NP2JF	Paul Jordan
AA3JS	Samantha Sanford
KA3JZR	George E Lang
N3KEH	Don Volland
N3KEX	Ed Hutton
N3KFD	Kevin DeRose
N4MIS	Chuck Nice
N3OBD	Freeman J. Phillips
N3OOO	Dave Westhead
N2QIV	Randy Ide
N3QMV	Dick Barney
N3RDV	Mark Stabryla
W3RJM	Bob McCloskey
N3RNX	Pete Cole
N3SBF	Richard Danko
(Mrs. N3SBF)	Carol Danko
N3SRC	Richard Armstrong
W3SRL	Steve Lane
N3TBK	Chuck Morreale
KA3TWI	Rev. Leo A Latona
N3UE	Ed Wolf
N3UIW	Richard M Novotny
KA3UPY	Al Herrle
WN3VAW	Ron Notarius
N3VEH	Bonnie Sanford
W3VFA	Ed Salva
NOVLR	Paul Lusardi
N3VOC	Eric Hegerle
N3VVL	Kenny Ide
N3VWF	David J. Leipold
N3WAV	Robert Livrone
W3WH	William R Hill
N3WOT	Tracey Hegerle
N3WPT	Robert Ashcraft
KA3WZO	Don Fincher
KE3XB	John G. Benitez
N3XFE	William T Keifner
N3XI	Frank Sanns Jr
N3YPB	Linda Allison
N3YQY	Gorman Johnston
N3ZCG	Jacqueline Sanford
N3ZEG	Sandy Lane
N3ZEH	Thomas Merendino
N3ZEL	Jacqueline Y Gosselin
N3ZEN	Nancy Gastel
N3ZEO	Cindy Coventry
N3ZNI	Ed Oelschlager

Sorted this month by Suffix.  
Please report any additions or corrections to N3RDV, W3SRL or WN3VAW  
Not on the list? Want to be? Membership Application on Page 11!

## You Know You've Been A Pittsburgh-Area Ham Way Too Long A Time If... WN3VAW

...you remember when "KN" was a Novice prefix.  
 ...you remember when "WN" was a Novice prefix. The first time.  
 ...you remember when you had to be licensed for 25 years AND hold an Extra Class to be eligible for a 1x2 callsign.  
 ...you once held a secondary call.  
 ...you notified the FCC when you were going to be operating mobile or portable for more than 48 hours.  
 ...you know that the full acronym for CMOS is COSMOSFET and you can explain what it all stands for and why.  
 ...your Novice written test asked what the beta of a transistor was.  
 ...the FCC graded your Novice written test by mail. In 13 weeks.  
 ...your Technician test was given by mail too.  
 ...you once considered moving to qualify for a Conditional license.  
 ...you once held both a Novice and a Technician simultaneously.  
 ...you once held a Class A, B, and/or C license.  
 ...you "get" the phrase "My Designated Driver is a 12BY7." Even if your rig used a different driver amplifier stage tube.  
 ...you used to be one of the young "whippersnappers" that the OT's looked down on... and now you're one of the OT's.  
 ...you once chatted on a Gooney Bird on 6 meter AM the way we now communicate on 2 meter repeaters, but without repeaters.  
 ...you recall Collins before Rockwell, Heathkit before Zenith, Schlumberger & Daystrom, and Hallicrafters before Northrop.  
 ...you worked "M" prefix stations in the Middle East, "9A" stations in San Marino, and any station in a Neutral Zone.  
 ...you worked a "KA" station in the Phillipines, a "K4" in Puerto Rico, a "K6" in Hawaii, and a "K7" in Alaska.  
 ...you could ragchew with DX for hours without some clod breaking in every 30 seconds to work the DX for a "new one" for DXCC.  
 ...you built your rig from a kit. Then you built one from scratch.  
 ...you wrote out a Hartley oscillator circuit by memory on your FCC exam — and the examiner understood it better than you.  
 ...Radio Shack sold you tubes with guaranteed replacement "forever" no matter what — and they had them in stock.  
 ...you shopped at Tydings Electronics (before South Hills Electronics) or Camaradio (before CAM/RPC).  
 ...you remember when you had to have an Advanced or Extra Class to run FAX or SSTV below 10 meters.  
 ...you remember when "real" hams used CW; phone was for sissies.  
 ...you remember when "real" CW ops used a bug and a mill.  
 ...you got to skip most of basic training because they were short of Radio ops and you already knew CW because of your ham ticket. (And then the Army shipped you to Alaska.)  
 ...you used to watch the four major networks: ABC, CBS, NBC, and Dumont. (And did you know that the original Fox owned stations in the Fox Network were most of the Dumont-owned stations? Except for the flagship — WDTV Channel 3 Pittsburgh, now KDKA-TV2.)  
 ...you used to listen to the four major radio networks: CBS, Mutual, NBC Blue, and NBC Red.  
 ...you know which tower on Mt. Washington was the Channel 8 site.  
 ...you once called up the ARRL and talked to The Old Man himself?  
 ...you could have gotten Life Membership in ARRL for \$100? (\*sob\*)  
 ...you knew Gil Crosley. Personally. From classes at college.  
 ...you took a pilgrimidge to Manhattan to visit Radio Row.  
 ...you considered having a hamfest at Forbes Field.  
 ...you were involved with, let alone remember, Ham-A-Rama.  
 ...you can think off the top of your head of at least 25 more things for this column that the editor is way to young to have heard about, let alone remember. And when you next see him, you'll tell him!



# OFFICIAL RULES: The 42nd Annual 1999 PENNSYLVANIA QSO PARTY

October 9th and 10th, 1999

Sponsored by the Nittany Amateur Radio Club, PO Box 614, State College, Pa.16801-0614

**OPERATING PERIODS:** 1600Z, October 9 to 0500Z October 10 and 1300Z October 10 to 2200Z October 10, 1999

**FREQUENCIES:** SSB:....1850+, 3980, 7280, 14280, 21380, 28310, 50.125, 146.55;

**CW:**....40 khz up from the bottom and 1810 Try 160 meters at 0300 Z, (11pm Saturday night) - Band plan below

**TECH & TECH PLUS:**....28310, 50.125, 146.55. VHF QSOs ARE permitted and encouraged. However, QSOs on 12, 17 & 30 meters are NOT permitted. **MOBILE WINDOW:**.... 5 khz below listed frequencies. KEEP CLEAR FOR WEAK MOBILES! Special High Band Activity Periods: Saturday & Sunday: 10m - 1800z; 15m - 1900z; 20m - 2000z SSB on the hour, CW on the half hour!! Watch your 160M frequencies. The band plan is: 1.800 - 1.830 CW; 1.850 - 2.000 SSB (Keep 1.830-1.850 open for DX QSOs ONLY!)

**EXCHANGES:** Sequential SERIAL # (number) plus COUNTY or ARRL/RAC SECTION.

Stations on COUNTY LINES will give out ONE serial number per QSO but all counties count as multipliers. Work MOBILES and ROVERS as they change counties. Stations may be re-worked on different bands and different modes.

**SCORING: QSO POINTS:** - CW QSOs on 160 & 80 = 2 points  
Other CW QSOs = 1.5 points  
All SSB QSOs = 1 point

**MULTIPLIERS:** PA Stations: ARRL sections + RAC sections (NOT Nunavut)+ PA counties + 1 (only) DX (151 total)  
Out of State Stations: Pennsylvania Counties (67 total)

**FINAL SCORE:** Total POINTS ...X...MULTIPLIERS

**BONUS MULTIPLIERS: QRP** stations (under 5 watts) multiply your final score by 2!

**NOVICE/TECH/TECH PLUS** multiply your final score by 3! (If both QRP & Nov/Tech by 5!)

Pennsylvania **MOBILES** add 500 points for each county activated (10 QSOs minimum).

Pennsylvania **ROVERS** add 500 points for each location operated from (10 QSOs min.)

The following constitute multipliers in the Party:

The 67 Counties of the Commonwealth of Pennsylvania

The 70 ARRL Sections as listed on page 12 (Usually) of QST

The 13 Canadian Provinces or areas: Alberta (VE6), British Columbia

(VE7), Labrador (VO2), Manitoba (VE4), New Brunswick, Newfoundland, Nova Scotia,

Northwest Territories, Ontario (VE3), Prince Edward Is, Quebec (VE2), Saskatchewan (VE5),

Yukon (VY1) (Nunavut is NOT a multiplier.)

One DX multiplier - only 1 - do NOT include DX stations which are

part of ARRL sections (Pacific, KV4, KP4)

151 total multipliers (Now there is a "Clean Sweep" to shoot for - NO ONE HAS EVER DONE IT!)

**ROVER Division:** The ROVER division is intended for those who can not go true mobile but would like to activate some rare counties by going to a State Park or farmer's field and throwing up a dipole or a 5 element beam on 2 meters. General rules: Go as many places as you want; you must use a portable antenna; you must move to a new county; and you must travel a minimum of 5 miles between locations, you must make 10 QSOs from each location to qualify for the 500 point bonus. Identify by using /R on CW or "rover" on SSB or FM. (Remember that "Billy" Penn in his infinite wisdom placed many of the Pennsylvania County Lines on TOP OF MOUNTAINS - great for two meter DX and giving out rare counties during the Party!

**SPECIAL EVENT STATION:** Each year, a different Pennsylvania Club will set up and operate a special event station as part of the Party. This year, The Carbon Amateur Radio Club (The Carbon ARCS) in recognition of their long time support for the QSO Party, will man the designated special event station using their club call, W3HA. Add 200 POINTS for EACH QSO with the special event station. - these are added AFTER all other bonus' have been taken.

**ENTRY DIVISIONS:**

Single Operator, Medium Power (150W) - Plaque presented to both EPA and WPA winners.

Single Operator, High Power - Plaque presented to both EPA and WPA winners.

QRP (5 watt) - Intended for those who are indeed using QRP equipment!

Multi-single operator (ONLY one signal at a time!)

Multi-operator - multi-transmitter

Portable: (single op or multi-single only)

Novice/Tech/Tech Plus

Mobile: May be single op or multi-single only (NOT Multi-Multi)

Rover

CW Only - Single Operator - power limited to 150 watts ONLY

NOTE: If you use both VHF and HF, the VHF transceiver does NOT make you multi-multi! But, you can only have one signal at a time!

**AWARDS:** See Pennsylvania QSO Party Home Page for plaque sponsors!

**PLAQUES:** to top scores in ALL ENTRY DIVISIONS (above) - (Rover division if enough entries); and to top single op EPA & WPA - medium power; Top CANADIAN entry; Top Single op from EASTERN, CENTRAL, MOUNTAIN, AND PACIFIC time zones.

**CERTIFICATES:** to all county, section and DX winners.

**TROPHY** to club with top aggregate score (Club membership chairman MUST submit current roster of members for all club awards.)

**"WORKED ALL 67" PLAQUES:** Stations working all 67 counties during the Party. QSOs will be verified by the committee from log information. To order, submit a special summarysheet AND YOUR LOG ON A COMPUTER DISK! (in addition to your regular entry summary) listing county, call of station worked, date and time of QSO, and numbers sent and received. Enclose a Check for \$25.00 payable to "The Nittany Amateur Radio Club".

**PARTICIPATION COFFEE MUGS:** Anyone who makes 100 QSOs or more during the Party is eligible for a handsome PA QSO Party Coffee Mug. To order, include your log showing 100 QSOs and a check for \$9.50 made payable to "*The Nittany Amateur Radio Club*".

**SPECIAL PLAQUE FOR FIRST TIME ENTRANT FROM PA:** Intended to encourage new contesters, a plaque will be awarded to the top single operator entry from Pennsylvania who enters the Party for the first time. (Not intended for "Big Guns" from other contests! Be honest there, Abe!)

**ENTRY SUBMISSIONS:** Computer Disks are the preferred method of entry!! Printed log not required but they must include a summary sheet and a list of multipliers worked.. Paper entries must include the log sheets, a summary sheet, and dupe sheets (if more than 100 QSOs made per band/mode). Log sheets must show Band, Mode, Time, Full Exchange, Call & QTH received.

It is recommended that an OFFICIAL SUMMARY SHEET be included with each entry. In addition to normal name/address/phone etc., (Official Summary Sheet is downloadable.) SUMMARY SHEETS MUST include the following:

Class of entry, power level, and whether a home/portable/mobile/ or rover station. County and section

Pennsylvania Club Affiliation (Clubs must submit a club roster to be considered for club awards)

Time zone in which you reside.

Number of QSOs on 160/80 CW; Other CW QSOs; SSB QSOs

Number of Counties, Sections, and DX worked

Specifics of QSOs with Special events station

Summary of your bonus points taken.

**SEND LOGS** by November 15, to: Douglas Maddox, W3HDH, RD #1, Box 760, Petersburg, PA 16669. E-Mail logs will be accepted FROM OUT OF STATE STATIONS ONLY. Send as an e-mail attachment to "na2x@arrl.net". DO NOT send the ".qdf" file.

A DONATION of \$1.00 OR TWO with your entry to help defray the costs of mailing, printing, etc. would be greatly appreciated. PLEASE NO SASE - they only get lost!!

## QSO PARTY COMPUTER LOGGING PROGRAMS:

There are a number of PA QSO Party logging programs available. Contact their authors directly for info:

K3CP ( DLARC, KA3MOU, 120 McIlhane Ave, Bath, PA 18014 (KA3MOU@enter.net)

KM3D, Harry Bump, Box 392, Richland, PA 17087 (bump@redrose.net)

Download Version "N" or newer

WINDOWS Version: <http://users.desupernet.com/bump/km3d.htm>

NA Contest logging program: Radio Bookstore of New Hampshire

1-800-457-7373

EQF software, 396 Sautter Dr. Coraopolis, PA 15108 (n3eqf@usaor.net)

KA3JWE - WINDOWS version - Web site: (<http://www.enter.net/~donster/>)

Writelog - ([www.contesting.com/writelog/](http://www.contesting.com/writelog/))

**INFORMATION PACKET** including complete rules, summary form, record high scores, and a list of county/sections is available. #10 SASE to the above address or a request may be sent via E-Mail to [doughDH@AOL.COM](mailto:doughDH@AOL.COM) or via packet to K3CM @ W3YA.#CEN.PA.U.S.A.NOAM.. Persons who have participated in the party in 1997 or later will automatically receive these materials.

Don't forget the Friday night net to find out what everyone is planning.

Last year, we had over 75 check-ins! The net is held at about 8:00pm, Friday night, October 8, on 75 meter LSB, 3910 kHz.

WASH Members planning to operate in the PA QSO Party are encouraged to notify Don N3KEH. We'd like to have some idea of where our members will be operating from AND be able to match up anyone who'd like to operate with others who need help. Don will also be tracking submitted scores for the WASH Club competition — who will be our top op in 1999?

## Support <http://www.qth.net>

Alan Waller K3TKJ [k3tkj@qsl.net](mailto:k3tkj@qsl.net)

The mailing lists at QTH.NET, that you may use and enjoy, are provided by me. This is a personal project, it has no commercial foundation nor does it have any sponsorship. Monthly expenses are paid from my personal money and donations from users. Lists are provided free to anyone who asks, as long as the topic is radio related.

For those of you who have contributed a donation to QTH.NET please accept my sincere appreciation. I try to acknowledge receipt of the donations to each of you, but I'm always fearful one will have slipped through the cracks and I will not have thanked you properly. I can not say enough about your generosity & support & it's direct relationship to the success of this site. For those of you who have just arrived or those of you that have been here since the beginning, I will say again, that without donations this service would be in great jeopardy.

As you might imagine, the monthly expense of T1 rental, phone lines, upgrades of equipment and software can quickly add up. We are now at 76% of full capacity on the Hard drives and the server is loaded as heavy as it is capable of. This means in the next month a new server needs to be purchased along with larger Drives to handle the lists, digests and archives we supply.

Donations to date for 1999 are far below the donations this time last year. User numbers have grown, and the variety of list topics have increased. I can only assume that some of you have donated one time and haven't felt the need to do so again, or perhaps you have never donated. Whichever the case, please offer your support however you can. Many times I get asked what is an adequate donation. \$10 is more than adequate, if we all do our share the new server will be working for us in a short while.

Once again, thank you for your time, your donations and your support. But most of all, thank you for your interest in a hobby that is shared around the world.

Please send donations to: Alan Waller K3TKJ, RT3 Box 314B, Road 497, Laurel, Delaware 19956

## Psst! Hey Buddy! Want a US Ham License?

US LICENCE ---> Do you want to get one? Onda Cristoni, IK4SDY, President of ARI Bologna reports an exam session will take place on either 25 or (more likely) 26 September during the XV Italian HF-DX Convention near Bologna (for details visit <http://www2.comune.bologna.it/bologna/assradbo/>). If interested in participating, please e-mail [assradbo@iperbole.bologna.it](mailto:assradbo@iperbole.bologna.it) as soon as possible.  
— 425 DX News #435, Sept 3rd 1999.

With all the recent publicity and controversy over bogus radio clubs and "trophy" calls held by people who had never set foot in the US... this was the surprising result reported by a well-known DX'er following a request for his thoughts on how the matter would be handled by the FCC: *'It's not handled. It's not gonna be handled. According the head of the FCC's WTB bureau "We know about that. We don't care.*

***It's our job to pass out licenses, not to decide who's using bogus addresses".'***

No wonder Riley Hollingsworth has his hands full.

## DX News Briefs

F5CW, is active as **FK/F5CW**. He will be there for the next 2 years and is waiting for an FK8V callsign. QSL via F5PED – OPDX



W9NY will be active from Nevis as **V47NS** from October 28th to November 2nd. QSL via W9NY. — W9NY

KD4OOK went QRT from **ZD8V** September 8th as he prepared to return to the US for good. His new QSL address is via his parents: Paul Hutley, 298 Logan Ave., Sharon, Pa 16146 — OPDX Bulletin

QSLs for **V26P** March 1999 went in the mail 2 months late due to a recent move by W5AJ. If you don't get your QSL soon, or cards from **8P9P** (March 1998) **P40N** (October 1998 only) or **HC5C** (October 1997), send another request. Also, he reports that other HC5C operations "appear to be the 'HC' pirate" — W5AJ

**CR8A** was a special event station operating September 18-19 to "alert the public opinion about the tragedy going on Timor Loro Sae." CR8 was the prefix for Portuguese Timor until 1975. QSL to CT1EEB. All IRC's and Green Stamps "will be converted to real money to be donated to the Timorese" Other CR8 calls recently active for this purpose include **CR8ABE** (qsl to CT1ABE), **CR8END** (CT1END), **CR8ERK** (CT1ERK) **CR8FMX** (CT1FMX). CT1ERK is given credit for the idea — CT1EEB [ct1eeb@mail.telepac.pt](mailto:ct1eeb@mail.telepac.pt)

The Gozo Amateur Radio Society activated **9H8GRS** from Comino Island on September 12. This is the first operation by GARS from Comino (between Malta & Gozo). QSL via 9H4GRS — 9H5JO

"Dear Friends: We have official information from Rostov-on-Don region FCC, that license of RV6LAH is not released to anybody. EP3LAH, EP/RA6LGM (via RV6LAH) and EK1X (via RV6LAH) are pirates. PLEASE do not make QSO's and do not send QSL's! Save your money!" — UA6LU

"Recently I have begun to receive QSL cards for QSO's (CW mode) which I have never made. I hardly operate CW. Some pirate station has started using my call sign, to make CW contacts, for what purpose I do not know. Please do not send QSL cards to **4S7TZ** for CW contacts (QSO's). When I do operate CW, I will identify myself by using a proper method." — 4S7TZ via K3TKJ

ON4LAC will be active as **3B8/ON4LAC** from Mauritius Island from October 1st through 28th — F6AJA

IN3VZE will be active as **7Q7CE** September 25th to October 15th. QSL via IN3VZE — IN3XUG

9V1XE is **9M8DX/2** thru October 8th. QSL via 9V1XE — 9V1XE  
G3VMW is **8Q7SW** thru Oct. 11th. QSL via G3VMW — G3VMW  
VR2BG is **9M6BG** thru October 4th. QSL via VR2BG — VR2BG  
QSL **T31K** via SM6CAS — K3AIR

**EO55JM** will celebrate 55 years of the liberation of the Ukraine from October 25-27th. QSL via KG6AR — OPDX Bulletin

**LATE NEWS:** Burundi has issued **9U5D** to SM5DIC, QRV Sept. 23 on 21 MHz. This one is legit! QSL to SM0BFJ. — W3UR/The Daily DX



## FCC Enforcement News

ARRLWeb Extra courtesy American Radio Relay League

**NEWINGTON, CT, Sep 20, 1999:** The FCC has dismissed four Amateur Radio applications resulting from an examination session in Yonkers, New York, last spring, but is continuing its investigation.



FCC Legal Adviser for Enforcement Riley Hollingsworth wrote the four applicants two months ago seeking answers to very specific questions about the May 2, 1999, session conducted by "Metro 70 cm Network Amateur Radio Club Volunteer Examiners" under the ARRL-VEC. All four were warned that failure to provide the requested information would lead to dismissal of their applications. On September 9, Hollingsworth wrote the same four applicants to dismiss their pending applications.

Dismissed were an Amateur Extra upgrade application from Keith Murphy, KB2YOI, of Spring Valley, New York; a Tech Plus upgrade application from Keith Jones, KC2EDT, of Brooklyn, New York; an Advanced upgrade application from Winston A. Tulloch, KC2ALN, of Paterson, New Jersey; and an application for a Technician license from Claudies Anderson of Detroit, Michigan. The FCC says Murphy, Jones, and Tulloch failed to respond to the initial inquiry, while Anderson told the FCC that the test papers the FCC questioned him about were not the ones he'd turned in at the exam session.

Hollingsworth's initial inquiry said that the FCC had "not made a finding that you engaged in misconduct," but all four applicants were advised September 9 that "the issues surrounding the examination session" will have to be resolved before the FCC entertains another Amateur Radio application from any of them.

Hollingsworth told the ARRL that the next step in the investigation would be to contact the Volunteer Examiners at the session.

In its initial inquiries to Murphy, Tulloch, and Anderson, the FCC enclosed a color copy of the answer sheets for the written exam, signed by the applicant, and questioned the appearance of blue markings most of the answers. Among other specific questions, the FCC asked which marks the applicants had placed on the answer sheets and if any marks were already on the sheet when it was handed out. The FCC similarly queried Jones about his Morse code answer sheet, asking if it was the only one he'd filled out on May 2 and if any of the answers were modified after he'd turned in the sheet; the others who took code tests were asked if they had written down any of their copy, and, if so, what they did with those notes. Anderson also was asked if he was actually present at the test session and if he'd had access to an answer template before or during the test session.

All four applicants also were asked to name the Volunteer Examiners who handed out their paperwork and to whom they gave their completed answer sheets, as well as any discussions they might have had with the examiners.

## NY3SEC Special Event Station



The USS Requin ARC will operate **NY3SEC** October 9th & 10th from 1400Z to 2100Z each day. The station will operate from the USS Requin, docked at the Carnegie Science Center in Pittsburgh. QSL via Jack Buzon KA3HPM, 47 Grubbs Road, Cheswick PA 15024-9648

## State of the Atlantic Division

Bernie Fuller N3EFN

*Editor's Note: Bernie Fuller, former Section Manager of WPa, is running for re-election to another term as Vice Director of the ARRL Atlantic Division. (Division Director Kay Craigie WT3P is running un-opposed). There has been no word as of press time from John Buchanan KW3X of La Plata, MD., the other candidate*



For the past four years, Director Kay Craigie WT3P and I have worked together as an active, energetic and responsive leadership team to stay in touch with members and provide the caliber of leadership our Division deserves. An elected official for the past decade, I have the experience and familiarity with the full range of issues that an effective, responsive Vice Director needs.

Providing a connection between the ARRL Board Room and the grass roots Field Organization and clubs is an important part of my personal agenda. Too often the needs and desires for the membership of many other organizations are lost in the recesses of the board room. This has not happened on my watch, and *WILL NOT* happen when I am re-elected. My experience as a longtime member of the Field Organization serving the needs of the membership and Amateur Radio uniquely qualifies me to be a knowledgeable voice upon whom the members can rely.

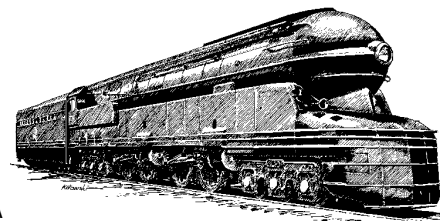
It has been my distinct pleasure to have had the opportunity to server on the League's Volunteer Resources Committee. Dealing with the day-to-day problems and programs of the vast volunteer network that the League enjoys is a challenging and rewarding experience. I bring my extensive ARRL and club volunteer experience to the table in this committee.

One of the areas that is of interest to me is the need for a regular, professional-quality fund raising effort by ARRL. To this end, I prepared a "white paper" on non-profit fund raising and developmental strategies. This study was accepted by the Board of Directors and has become the foundation for an active, ongoing effort in this largely untapped field. It is my contention that other nonprofit organizations have regular donation programs... ARRL should also. I currently serve as a link between the special group, called the President's Roundtable, and the Board of Directors. This group of influential hams advises the ARRL President of projects, avenues of fund raising and availability of significant sources of funding for new League projects.

I have ample time and energy to devote to serving you and enjoy the enthusiastic support of my wife, Ruth. Please encourage ARRL members in your area to vote. It makes a difference to all of us.

## K3T Special Event Station

Look for station **K3T** to be active to celebrate "Wellsboro Rail Days" October 9-17th. K3T will be on all bands 160-10 meters both CW and Phone modes. Operation will be from Wellsboro, PA (Tioga Co.), and will be active during the PA OSO Party. QSL with SASE to: Steven Kerns/K3T, PO Box 344, Douglassville, PA 19518.



**Wireless Association of South Hills, Inc.**  
<http://www.hky.com/~sanfordb/index.htm>



The *WASHRag*  
Ron Notarius WN3VAW, Editor  
3505 Rosalia Avenue  
Castle Shannon, PA 15234-2317

## ***Inside This Issue:***

- Complete Rules, 1999 PA QSO Party!
- PA QSO Mobile/Portable/Rover Plans
- Updated Wireless Association Club Roster
- Effective Antennas on a Budget
- [www.qsl.net](http://www.qsl.net) & [www.qth.net](http://www.qth.net) Need Your Help

And that's just for starters... of course!



Do You Know What This Is?  
If You Do, You Can Win a PSK-31 Kit!  
Details on Page 3 & the Club Web Site

## **Pennsylvania QSO Party**

October 9 & 10, 1999

Look for WA3SH/3 Clarion County! Details Inside!