



# WASHRAG

TM



Volume 1, Issue 8

August 1999

N3SH WA3SH

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

Wireless Association of South Hills



Saturday, August 14th, 1999 At Shelter #8,

Mineral Beach, Route 88  
Finleyville, PA

The August meeting of the Wireless Association of South Hills will be a Saturday Picnic for our members, friends, invited guests and their families at Mineral Beach. Rather than spending a hot summer evening in a short business meeting — or skipping one — we're going to make it a fun and relaxing afternoon.

Here's what you need to know:

- ◆ Picnic setup starts at about 10:00 AM.
- ◆ Picnic starts at 11:30 AM & continues until whenever.
- ◆ Pool's open until 6, so bring your swim suits!
- ◆ Short business meeting will start at 1:00 PM.
- ◆ Talk-in will be on 146.955 Simplex.

The club will provide hot dogs, burgers, buns, drinks, etc. We need everyone coming to bring a side dish or desert. Check with Ron WN3VAW to see what we need brought.

We're looking forward to seeing you at the picnic! But **please RSVP** to Julie Notarius at (412) 882-7130 or Sandy Lane N3ZEG at (412) 341-1043 so that we know about how many people are planning to come.

We will be back at John McMillan for our September meeting.

**Next Meeting: Saturday, August 14th**  
**Mineral Beach Shelter #8**  
**Picnic starts 11:30, Meeting at 1:00**

## "One More in 99"

It's still the middle of the summer, and most of us are out enjoying the weather, spending time with our families, and taking vacations and trips — not spending much time on Amateur Radio.

But Fall activities are but a few weeks away, and it is time to start thinking about them.

Take a good hard look at Bill Edgar N3LLR's article on Page 7. His goal is for every single one of us to double our ranks before the end of the year. Ambitious? Difficult? Yes. Possible? **Definitely!**

Let's make it one of our Fall goals to meet N3LLR's challenge. A 6 week class on Amateur Radio starting in early October awaits only a classroom and a little publicity. If you can come up with a location, contact me ASAP so that we can make arrangements.

See you at the picnic!

— Ron Notarius WN3VAW  
Wireless Association of South Hills N3SH/WA3SH

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## Schedule of Events

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

### NCS Schedule:

- ⇒ August 1st: Mark N3RDV
- ⇒ August 8th: Ron WN3VAW
- ⇒ August 15th: Frank N3X1
- ⇒ August 22nd: TBA
- ⇒ August 29th: TBA

### LOOKING AHEAD:

- Erie Hamfest, September 11
- Butler Hamfest, September 12
- PA QSO Party October 16-17

### Special Note:

**New Date for the Skyview Hamfest (August 29th), once again at the Skyview Radio Society Clubhouse on Turkey Ridge Road in New Kensington!**

# August 1999

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1 YO DX Contest Ellwood City ARA meeting	2 GPVHS Meeting Breezeshooters Net	3	4 Allegheny Co ARES Net W3KWH Social Night	5 WACOM Meeting	6 Elco ARS Meeting	7 ARRL UHF Contest 10X Summer Phone Lewistown Hamfest Breezeshooters VE Test RA Erie VE Test
8 ARRL UHF Contest 10X Summer Phone	9 ARL of Lawrence Co Meeting Breezeshooters Net	10 Foothills ARC Meeting ARL of Lawrence Co VE Test	11 NHARC Meeting Allegheny Co ARES Net W3KWH Social Night	12 <b>WASH MEETING MOVED!</b> 	13	14 <b>WASH Meeting/Picnic</b> WAE DX CW MDDC QSO Party North Hills ARC & Butler Co ARA VE Tests
15 WAE DX CW MDDC QSO Party York Hamfest Elk Co. ARA Meeting	16 Breezeshooters Net	17 Steel City ARC Meeting	18 Allegheny Co ARES Net	19 Triple "A" ARA Meeting Breezeshooters Dinner	20 2 Rivers ARC Meeting	21 NA QSO Party SSB NJ QSO Party SEANET WW DX Mercer Co ARC VE Test Gannon WS VE Test
22 NA QSO Party SSB NJ QSO Party SEANET WW DX W5Y1 VEC Test in Ellwood City	23 Breezeshooters Net	24 Triangle ARC Meeting Mercer Co ARC Meeting	25 Allegheny Co ARES Net W3KWH Social Night	26 SHARC Meeting	27	28 SD QSO Party HI QSO Party OH QSO Party Foothills ARC VE Test Bald Eagle ARS VE Test
29 <b>SkyView Hamfest</b> SD QSO Party HI QSO Party OH QSO Party	30 Breezeshooters Net	31 This date was intentionally left blank	9/1 Allegheny Co ARES Net W3KWH Social Night	9/2 WACOM Meeting	9/3 Elco ARS Meeting  I need a 3 day weekend to recover from the summer	9/4 RA Erie VE Test

## WASH 1999 OFFICERS

### 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 Vollant N3KEH  
 10 Meter Digital John Benitez KE3XB  
 South Hills Hamfest Chairman Steve Lane W3SRL  
 Field Day Chairman Greg Babin KQ3DX  
 PA QSO Party Coordinator Don Vollant 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 LEGAL STUFF

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

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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 it's 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 Now Available!

Ham Threads of Perry, MI can provide embroidered Polo shirts with the club logo (well, almost) for only \$22.95 per shirt ( S M L XL; \$2/shirt more for 2X 3X & 4X shirts) when we place a group order. If you'd like your name & call on the shirt, the cost is \$8 more per shirt 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." Delivery time is 2 to 3 weeks.

You can now order your shirts directly from Ham Threads. Make checks payable to Ham Threads. We've made up a sample "order form" on the inside of the back page, but you can use whatever you'd like (just make sure you mention it's part of the club group order!).

Send your order to *Ham Threads, PO Box 679, Perry MI 48872* or call (517) 625-5037. Their email address is [dbirdsley@aol.com](mailto:dbirdsley@aol.com).

The FCC has announced that as of September 10 1999, the application fee for an Amateur Radio Vanity Call Sign will increase from \$13 to \$14.

Congratulations to the newly elected Officers of the Breezeshooters:

<u>President</u> N3UE Ed Wolf	<u>Directors:</u>
<u>Vice President</u> N3LWP Bob Benna	N3FXW George Artnak 1 yr.
<u>Secretary</u> N3ZEN Nancy Gastel	N3VEF Billy Joe Costiloe 1 yr.
<u>Treasurer</u> N3BPB Bill Kristoff Jr.	W3JQJ Matt Walsh 1 yr.
<u>Checker</u> N3XFE Bill Keifner	W3TAM Bill Gross 2 yr.
	N3TXH Ernie Iezzi 2 yr.
	N3WJM Steve Horan 2 yr.

**N3SH, or Here We Go Again:** As most of you have already heard, we recently discovered that once again, the N3SH club call has mysteriously been reassigned by the FCC to the "South Hills ARC Inc." organization, with N3VWX listed as the trustee, as of June 22. How this could happen a second time? Good question, and we've already asked the FCC about that. Once again, best thing to do is sit tight and wait for the wheels of justice to turn.

But it sure does seem odd that this group of individuals, who allegedly decided that they wanted nothing more to do with us... well, they just can't seem to leave us alone. Strange, isn't it?

The **5th Annual South Hills Hamfest: WASHFest Y2K** is on, and will once again be in February. This year it will be the **3rd Sunday, February 20**, because the CSVFD Memorial Hall was already booked by another event for the 27th.

Steve W3SRL will again chair the event, but because of other commitments, he needs a co-chair to help him out. If you're interested in the glory and big bucks involved (yeah, right) contact Steve for more information or details.

The **1999 PA QSO Party** is not far off. Rules are in this issue and will be for the next few issues. We've had a lot of interest in the event! Steve W3SRL is looking to activate one of the club calls as a group effort; Ron WN3VAW is looking for a rare-or semi-rare county to operate from (yielding his old turf, Greene County, to Mike WB5NLJ, who knows where he lives) and possibly some logging help; and other club members with mobile or portable capability are looking for logging and other assistance. This is a heck of a lot of fun! If you'd like to operate but don't have the experience, the license, the equipment, or whatever, then contact our PAQP coordinator, Don N3KEH. Don will find a way to get you as involved as you'd like to be!

By the way, take a look at KA3JWE's software for PA QSO. He did a fantastic job last year, with a slick and easy to use interface. Can't wait to see the new & improved version for 1999!

What are your plans for **New Years Eve Y2K**? Several local municipalities are turning to Amateur Radio to provide back-up or emergency communications "just in case." If you'd like to be involved or would like more information on specific situations, contact Steve W3SRL or Allegheny County EC Bob N3DOK.

Our **mini-picnic** at the Breezeshooters Hamfest was a nice success, so we're looking to do it again at the **Butler Hamfest**. (But no old grill to abandon this time!) If you're planning on being at Butler in September, please let Ron WN3VAW or AI KA3UPY know.

If you didn't get out to the Vintage Grand Prix this year, you missed a great event! Once again, amateur radio operators were praised by the event organizers for our invaluable assistance — they say they can't do it without us! Thanks to the following WASH members who were involved with the event this year: WN3BOJ KQ3DX N3VEF N3ZEN N2QIV N3VVL WN3VAW (sorry if we missed anyone who signed up at the last minute!). And special congratulations also to former club member Corky N3MJP for all of his hard work with the PVGP operating committees and in organizing the radio operator crew for the event again this year.

## QSL Tips & Techniques

Doug McDuff W4OX/KG4OX [dmcduff@gate.net](mailto:dmcduff@gate.net)

Since my last trip to KG4 in March, I have received a fair number of stateside QSL's sent as postcards, with the most recent being this week. The ultimate "problem" is not the lack of a SASE, but what happens to the QSL's in the mail. (I will leave for another day the DX QSL requests for direct replies that do not even include a mailing label).

The QSL received this week is a good example. It had at least a dozen cancellation stamps both sides. Why? I haven't a clue. In addition, it had the now almost obligatory bar code tape affixed to it. Sometimes the tape will easily peel off, and sometimes it will bring part of the QSL & QSO information with it.

As a consequence, this makes it difficult at times to determine the QSO information. As I keep separate logs for each of my KG4 trips and contest entries, it becomes a chore to check each log when the only legible information I have is the callsign.

Now, you may be asking yourself why this is really a problem. The problem is that with QSL's being received on a daily basis, my third batch of 5 lbs. of bureau cards awaiting some action, a family that occasionally expects my undivided attention, and oh, a job, you should get the picture that the more time I have to spend tracking down information about a QSL, the more likely it is to get put at the bottom of the pile. Also, you may have sent me a QSL for a particular band although over the course of several trips I will have worked you on several bands. Unfortunately, I may not be able to decipher this from the obliterated QSL.

Further, once I have (finally) been able to match a QSL with a QSO, I then have to get an envelope, look up the address, and print a mailing label. I try to maintain current databases, but I have found from time to time that these are not 100% accurate with errors in zip codes, etc., and people, of course, move. This is then compounded when the bar code tape peels off your presumably current address when removed. Again, this takes time and might make me put the QSL at the bottom of the pile.

Nevertheless, and despite the difficulties outlined above, to date I have answered directly all such QSL requests. (This, of course, diverts funds from the pension plan I was able to set up from the big bucks I have made from the QSL's :-).) I can only hope that I will be able to continue to do so.

This is just an observation, not a criticism of anyone. However, please do not complain to me if you sent your QSL in this manner and haven't received a reply in the time frame you expected or for the particular band you wanted. As they say, you pay (or, more appropriately, you don't pay) your money and you take your chances...

The call districts for Tanzania proposed by TARC some time ago some time ago, seem to be used by TCC now. They are as follows:

- |                                |                             |
|--------------------------------|-----------------------------|
| 1 - Zanzibar and Pemba Islands | 6 - Iringa                  |
| 2 - Arusha, Kilimanjaro, Tanga | 7 - Mbeya                   |
| 3 - Coast, Dar Es Salaam       | 8 - Kigoma, Rukwa, Tabora   |
| (including Mafia Island)       | 9 - Kagera, Mwanza, Mara,   |
| 4 - Morogoro                   | and Shinyanga               |
| 5 - Lindi, Mtwara, Ruvuma      | (including Ukerewe Islands) |
|                                | 0 - Dodoma, Singida W       |
- Michael Seitz, 5H3MS & Tom Roesner DL8AAM

## The 1999 Beaver County Air Show

Mark Stabryla N3RDV  
Assistant EC, Allegheny County  
[n3rdv@juno.com](mailto:n3rdv@juno.com)



The 15th Annual Beaver County Air Show will be August 14th & 15th, 1999. The show is held at the Beaver County Airport in Chippewa Township, Beaver Falls, PA just off PA Route 51. All new acts will be at the show this year except for one, the Fire Birds. Acts are still being booked for the show.

Amateur Radio, including Allegheny and Beaver County ARES, plays a major role in the Air Show and is proud to be a part of it. Amateur Radio Operators start on Friday August 13th at 1 o'clock in the afternoon when the aircraft are allowed to arrive at the Airport. Amateur Radio will be handling all communications for the show which includes interfacing all emergency agencies on site along with all committee chairman & coordinators such as EMA Director, Sheriff's Department, Air Show Director, Fire Departments & Crash Crew, Medic Rescue, 911 Center, Tower, Flight Line & Flight Line Security, Concessions, Electrician, FAA Representative, Logistics and Coordination, Announcers Stand, Main Terminal Building, Beaver County Coroner, Fuel Trucks, Air Boss, Hospitality, Grounds plus Displays and Exhibits. **WE DO NO PARKING.**

There will be a small meeting at the Beaver County Airport at Air Heritage Hanger at 5 o'clock on Sunday August 8th, one week prior to the show. Talk in frequency will be 146.85 for directions. You will also receive your pass to get into the Air Show and parking instructions at that time. The Command Center will be located right next to the Terminal Building as it has been before & will also be there on August 8th for those that would like to see it.

We can use all the operators we can get. To sign up contact Beaver County EC Dave Leiser K3NPX at [k3npx@ccia.com](mailto:k3npx@ccia.com) or catch him on 146.85. You can also call him at [724-728-0784](tel:724-728-0784). Calls can be made from 6 to 11:30 PM Monday thru Friday, and anytime on the weekends. Dave will see that you get the necessary information.

If you ever wondered where to find things like SSTV software, ham radio products, ham web pages, online call books, kits, parts, radios, antennas, TNC's, packet info, cluster info, email lists, just about ANYTHING that's ham radio related on the internet, then here's the place to start looking:

The First... the Original... and still the Best ham radio resource guide on the internet (and the most attractive feature to us hams is - it's FREE !!) AC6V's Amateur Radio and DX Reference Guide <http://www.ac6v.com/>. If it's ham radio related, and it's on the internet, Rod already found it for you. Make sure you bookmark the page, you'll be going back again soon.....

— Jim Kehler KH2D

A few days before the IOTA contest I showed up on 15 CW from MJOAWR for the first time since February. I sent out a CQ, with no answer received, except that about ten seconds after the call ended, with no signal yet heard at all, someone sent: "QSL INFO"? That's right: I hadn't yet worked anyone.

— Rich Gelber K2WR / MJOAWR

## Americans

Author Unknown; Courtesy Mark Stabryla N3RDV

We yell for the Government to balance the budget, then take the last dime we have to make the down payment on a car that will take 5 years to pay off.

We demand speed laws that will stop fast driving, then won't buy a car if it can't go over 100 miles an hour.

We know the line-up of every baseball team in the American and National Leagues but mumble through half the words in the "Star Spangled Banner."

We'll spend half a day looking for vitamin pills to make us live longer, then drive 90 miles an hour on slick pavement to make up for lost time.

We tie up our dog while letting our sixteen year old son run wild.

We whip any enemy in battle then give them the shirt off our backs.

We will work hard on a farm so we can move into town where we can make more money so we can move back to the farm.

We run from morning to night trying to keep our "earning power" up with our "yearning power."

We get upset we're spending over a billion dollars for education, but spend three billion dollars a year for cigarettes.

In the office we talk about baseball, shopping or fishing, but when we are out at the game, the mall or on the lake, we talk about business.

We're supposed to be the most civilized Christian nation on earth, but we still can't deliver payrolls without an armored car.

We have more experts on marriage than any other country in the world and still have more divorces.

We're the country that has more food to eat than any other country in the world and more diets to keep us from eating it.

## Did They Mean The One In Michigan?

Courtesy Amy "Elf" Baggot KA3GPX [ABaggott@nahb.com](mailto:ABaggott@nahb.com)

According to Internet Myth & Urban Legend, the following is an actual question given on a University of Washington chemistry mid-term: "Is Hell exothermic [gives off heat) or endothermic (absorbs heat)? Support your answer with a proof."

Most of the students wrote proofs of their beliefs using Boyle's Law (gas cools off when it expands and heats up when it is compressed) or some variant. One student, however, wrote the following:

First, we need to know how the mass of Hell is changing in time. So, we need to know the rate that souls are moving into Hell and the rate they are leaving. I think that we can safely assume that once a soul gets to Hell, it will not leave. Therefore, no souls are leaving.

As for how many souls are entering Hell, let's look at the different religions that exist in the world today. Some of these religions state that if you are not a member of their religion, you will go to Hell. Since there are more than one of these religions and since people do not belong to more than one religion, we can project that all people and all souls go to Hell. With birth and death rates as they are, we can expect the number of souls in Hell to increase exponentially.

Now, we look at the rate of change of the volume in Hell because Boyle's Law states that in order for the temperature and pressure in Hell to stay the same, the volume of Hell has to expand as souls are added. This gives two possibilities.

- 1) If Hell is expanding at a slower rate than the rate at which souls enter Hell, then the temperature and pressure in Hell will increase until all Hell breaks loose.
- 2) Of course, if Hell is expanding at a rate faster than the increase of souls in Hell, then the temperature and pressure will drop until Hell freezes over.

So which is it? If we accept the postulate given to me by Ms. Therese Banyan during my Freshman year "That it will be a cold night in Hell before I sleep with you," and take into account the fact that I still have not succeeded in having sexual relations with her, then (2) cannot be true, and thus I am sure that Hell is exothermic.

He got the only A.

## KV4FZ Court Date Set for October

**WASHINGTON, DC, July 7, 1999--**Herbert L. Schoenbohm, KV4FZ, will get his day in court this fall in his fight to retain his Amateur Radio license. Last fall, the FCC denied Schoenbohm's petition for reconsideration in the case which has slogged through the administrative process since 1995. Last summer, the FCC upheld the supplemental initial decision of an administrative law judge denying Schoenbohm's application to renew his Amateur Radio license. The FCC affirmed that finding. The next step is oral arguments, set for October 18 in the United States Court of Appeals for the District of Columbia Circuit.

ALJ Edward Luton had found that Schoenbohm, of Kingshill, Virgin Islands, had "engaged in misrepresentation and lacked candor" in testifying about his 1992 felony telephone toll fraud conviction and his solicitation of ex parte presentations. (He served two months confinement plus two years of probation.) The FCC also said he solicited others, using Amateur Radio, to make ex parte

ARRL Web Extra and ARRL Letter

presentations on his behalf, in violation of FCC rules. The FCC said his behavior, in combination with his fraud conviction, justified non-renewal of his ham ticket.

Schoenbohm has been trying to renew his license for the past four years. He maintains that the FCC should renew his license because his conviction was several years ago, his sentence light, and he's had a spotless record and been fully rehabilitated. The FCC disagrees, however, saying that Schoenbohm "has not demonstrated that he possesses the basic character traits of truthfulness and reliability that are essential to licenseeship."

Schoenbohm's license expired in 1995, and his call sign no longer appears in the FCC database. However, he has been allowed to continue operating as KV4FZ until his administrative and judicial appeals are exhausted.

# 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?



## “One More For 99”

Bill Edgar N3LLR, Section Manager, Western PA  
[sysop@bfdin.com](mailto:sysop@bfdin.com)

At the beginning of this year, I mentioned in one my QST Section News articles that the WPA Section motto would be “One More For 99”. Each amateur operator was (and is!) encouraged to introduce at least one new person to the hobby.

Can you imagine if we doubled the number of hams in Western PA? Imagine more people to have QSO's with; more people to help with club events; more people to share enthusiasm with.

A number of people are sharing this vision with us, and to spark some fun and reward into sharing this vision, the WPA Section is sponsoring a contest open to licensed amateur operators residing in the WPA Section, and/or licensed amateur operators who are members of ARRL affiliated clubs listed within the WPA Section. There will be several prize categories to enable amateurs a better chance of winning in one of the categories. These categories are:

### Category A – New Ham Sponsorship

We need to get new lifeblood into this wonderful hobby. There are many ways to help new people to get involved in the hobby. Many hams serve in this capacity by serving as license class instructors; individuals serving as Elmers to prospective hams or serving as VE's. They all help the prospective ham in realizing their dreams in earning their amateur radio license by being a facilitator. Anyone who has taught at least 60 minutes for a license class may qualify as an Instructor. Anyone who has worked with a prospective ham on a one-to-one basis may qualify as an Elmer. Anyone who has participated as a Volunteer Examiner, or as a VE contact person may qualify as a VE. (we are including the VE contact person in this sub-category even though they may not be an actual VE)

In order to earn points, a facilitator may chose which sub-category they wish to qualify in: License Class instructor; Elmer or Volunteer Examiner. Only one sub-category may be selected. (anyone trying to qualify in more than one sub-category will be disqualified) The sub-category selection must be made on the entry form. Each newly licensed ham you are claiming a point on must be listed on a single entry form. Thus if you are claiming 6 points, you need to have 6 entry forms. Each qualifying entry form will be placed into a bucket with the other qualifying sub-category entry forms. (all qualifying Instructor entry forms will be placed with the other qualifying Instructor entry forms. Same with qualifying Elmer and VE entry forms.)

For each newly licensed amateur operator an Instructor, Elmer or VE assists in getting their new license, one point will be awarded to that facilitator. There is no limit to the number of points a facilitator may earn in this category. The newly licensed amateur operator will need to sign the entry form to verify that the information on it is accurate.

One prize will be awarded to the recruiter with the most points in each sub-category. A minimum of two more awards will be given out to the individuals whose entry forms are pulled from the bucket for each sub-category. The winner of the Most Points prize is ineligible to win any of the Random Drawing Prizes in this category.

### Category B – Club Membership

Time and time, I see that hams who get involved with an amateur radio club develop more of an interest in the hobby and in many cases get more of an exposure to the hobby simply because of the diversity of members' interests within the hobby. Generally hams involved with radio clubs become more involved within the hobby. Clubs that get people involved also prosper more themselves with the added talent and enthusiasm.

For each licensed amateur operator a club member recruits, and that prospective member subsequently joins the amateur radio club during the contest period, the recruiter gets one point. Recruiters are awarded one point for each licensed amateur radio operator they introduce their club to and that prospective member joins within the contest period. There is no limit to the number of points a recruiter may have in this category. In order to be awarded the points, an entry form must be completed for EACH new member by the recruiter and the club's president or secretary must sign the entry form verifying that the information in the entry form is accurate. Each qualifying entry form will be placed into a bucket with the other qualifying entry forms.

One prize will be awarded to the recruiter with the most points in this category. A minimum of two more awards will be given out to the individuals whose entry forms are pulled from the bucket. The winner of the Most Points prize is ineligible to win any of the Random Drawing Prizes in this category.

### Prizes:

A minimum of 12 prizes will be awarded in this contest.

### Miscellaneous:

Each submitted entry form must be a copy of the official entry form which can be found at <http://www.bfdin.com/wpasec/index.htm>. The file is an Adobe Acrobat Reader file called [eform.pdf](#). You will need to download a free copy of Adobe's Acrobat Reader 4.0 or higher from their web site.

Entry forms need to be mailed to:

**Bill Edgar N3LLR**  
**One More for 99 Contest**  
**22 Jackson Ave**  
**Bradford, PA 16701**

Entry forms may be mailed in at any time during the contest period, and must be postmarked during that time period to be valid. No need to accumulate all of your entries to mail them all at the same time. As soon as you have some of them completed, you may mail the completed entry forms in.

The contest runs from January 1, 1999 through December 31, 1999.

The decision of the contest judges are final.

The following Amateurs were announced as Silent Keys on the Allegheny County SkyWarn Net in July:

**W3WHY** Paul Kirchner, Brooksville FL (Formerly of Pittsburgh)  
**WA3ZNO** Rod Haverlandt, Bellevue PA

— Courtesy of Bob Ferrey Jr. N3DOK, Allegheny County EC

## September 3C0 DXpedition

Tony Galiana EA5BY / Lynx DX Group [galiana@jet.es](mailto:galiana@jet.es)

We are recently finalising plans for our expedition to the island of Annobon scheduled for September 14 through 24, 1999. Our goals are the following: first of all is to provide as many stations with a new country, and second is to leave open doors for other possible expeditions.

Annobon island is very much in need as evidenced at being identified in the top 10 (7th place) on the most wanted list.

Transportation is limited and very expensive if you rent an air-plane. US\$15625.00. That is why we have rented a vessel. The vessel charter costs alone are approximately US\$6000.00. Also is almost impossible to obtain a license and visas, but we have ALL of them in hand. It has been many years (1991) since an effort has been mounted for Annobon island.

With four stations operational our presence should allow easy access for those in need. One station has been identified specifically for RTTY. Other three will pay attention to SSB as well as CW.

Currently supporters are CLIPPERTON DX CLUB (CDXC) and LYNX DX GROUP. We also hope to add several of the prominent membership organisations such as yours in the near future.

List of operators are: Ramon 3C1GS, Roberto 3C1RV, Elmo EA5BYP and Vic EA5YN. Each operator is skilled in DX operations. These operators conducted the very successful expedition to Equatorial Guinea on 1998 as **3C5DX**.

Since we cannot carry any equipment, we must ship all equipment prior to our actual departure. This presents additional costs which must be borne between the group. The equipment will be shipped by air to Sao Tome (S9) by the middle of August. We will carry only our computers and some "last minute" need due to extreme limits on carry-on baggage. Shipping costs are estimated to exceed \$2000 roundtrip.

We have initiated a LDXG Web Site to provide updated information as the operation progresses. Once the operation ends, on-line log checking will be available. The Web Site for the LYNX DX GROUP is provided by one of our charter members, Jesus Padilla EA5BXT.

Our group, even though small is spread across Europe and possesses a big experience in every facet of operation in our hobby. Let us remember our very successful expedition to Western Sahara with the call **SORASD**. Giving to the DX community an all time new DXCC entity.

For more information, contact **Lynx DX Group**, P.O. Box 430, E-03200 Elche, Spain E-mail: [lynx.dx.group@jet.es](mailto:lynx.dx.group@jet.es)  
Fax: +34 93 8144431 Tel: +34 609 643037

**Dayton 1999 Attendees:** Please check your credit cards for erroneous charges posted to your cards. I found that on June 14, 1999 my card was posted to for 3 separate charges for a nights room stay each. Obviously not only was I not there, but didn't use 3 rooms. Others at the same & 2 other hotels also have improper charge. The motel's customer service has no record of the charges, and they haven't found the actual charge slips yet. (No, they're not next year's deposits) Please check your charge reports, don't merely pay the balance shown — Bob Reed W2CE [w2ce@aol.com](mailto:w2ce@aol.com)

*(Editor's Note: One of the reasons I always pay cash at "our" Motel 6 in Dayton!)*

## DX News Briefs

**V63KU** closed at the end of June 1999 and Sam closed his P.O. Box in V63 at the same time. QSL via JA6NL through JARL (JA's QSL Bureau). — CT1CSN, V63KU, W3UR



Look for DJ7ST as **OH0/DJ7ST** from Aland Island August 2-20th. He will be active mainly on CW as a 5W QRP. QSL via DJ7ST — KB8NW/OPDX Bulletin

"Each 2nd & 4th Wednesday monthly the radio club meets and it is intended to operate between 1930 and 2300 Cyprus local time. The call sign in use will be either **ZC4ATC** or **ZC4RAF** and operation will be either SSB or CW. Additionally there are the **ZC4ATC** operations all night on around the last Friday each month. More info will be sent out nearer the date." — Ian ZC4OS/ZC4ATC/ZC4RAF via the K1WY DX Association

"Bill, NH6D will be making numerous trips to Johnston Island for the next year or so. He will try to operate as work commitments permit. The club station equipment and antenna status is unknown, but the FT-1000D and Tri-Band Yagi are supposedly operational. The amplifier is said to be 'fried'. I believe we can get **KH3/NH6D** up & running on 160/80/40m before the low band season begins. Bill prefers CW. QSL to N6FF" — N6FF [n6ff@snowcrest.net](mailto:n6ff@snowcrest.net)

**Slim** was operating as "**SOWW**" on July 17, QSL manager PY1SL. PY1SL has no knowledge of this pirate. — PY1KS [py1ks@qsl.net](mailto:py1ks@qsl.net)

Several VK6 stations report working "**5Z4IC**" on 28 MHz last May. However, QSL requests to MW0AIE have been returned stating he is not the manager & would like to know if his old call has been reissued. Investigation continues — VK6APK [vk6apk@eon.net.au](mailto:vk6apk@eon.net.au)

"After length negotiations, the Prince Edward Island Management Committee has refused permission for Deryck Yelverton **ZS8D** to erect his tri-bander on Marion Island. Deryck has been active with a resistively-loaded broadband dipole, but his signal leaves much to be desired. The tri-bander and amplifier were donated by NCDXF, and will provide a substantial improvement in signal strength. I'm assembling a submission to get the decision reconsidered. I'm looking for two types of support:

- 1. Anybody that can supply substantial information about the bird strike hazard associated with rotary beams. The anecdotal type (gee, I haven't had a bird strike on my TH6 in 76 years...) won't cut it.
- 2. General shows of support. This is the kind of message where you are suffering from some unspecified dread disease, and won't die a happy man unless you can work and confirm Marion Island this year. You have been sitting up for weeks listening for him, but his signal is just never quite loud enough...

Unfortunately, the first committee hearing was held on the basis of some rather parochial reasoning, and I'd like to expand the horizons somewhat. If they can see that there really is a global demand for activity from Deryck, they may relent. Please send all messages directly to me. I will compile them into a suitable format and include them with the submission."

— Chris R. Burger ZS6EZ [crb@nanoteq.com](mailto:crb@nanoteq.com)

QSL **CO8LY** only via his manager EA7ADH; IRC or 1 or 2 green stamps preferred — CO8LY [co8ly@co9nla.uo.edu.cu](mailto:co8ly@co9nla.uo.edu.cu) via KE4ITN

## Are You a Contester?

I like to fancy myself as a "contester." Not as much of a contester as I was 15 years ago, but a contester none the less.

I don't really care much for SSB contests any more, the CW ones seem to be a lot more fun for me these days. But this during the IARU 'test weekend I owed another Guam contester a favor, so when it was time to draw straws, I let him have the one that said CW.

Another thing I've noticed lately is that contesters are getting more and more of a bad rap. Lots of people seem to think that contesters are overpowered, rude, bully ops with big antennas and no manners, who 'stomp all over everybody else who's on the band that weekend'. When ever I hear that discussion start, I always jump to the immediate defense of the contest fraternity, explaining that a little QRM is just 'gonna happen' and that none of it is intentional or due to lousy operating. Contesters are the best ops ever, right ?

After this weekend and the IARU contest, I'm not sure I'll be able to do that anymore.....

As I said, I'm not really 'interested' in SSB contests, and I had other stuff to do this weekend anyway, but I thought I'd get on and play a bit anyway and pass out a few Zone 64's to anybody who needed one. So off to 20 meters I went. No big runs, but I got to play with my software DVK a bit, read my email while I was calling CQ, figure out that my radio interface for CT still doesn't work, and make a few of the "hard core" guys happy with a new mult. Besides, I've said "59 27" so many times in the last 15 years that's it damn near impossible for me to say "59 64" without thinking about it.....

Then along came a W3 station who gave me a '59 1'. So I asked him where he was, and when he told me the east coast, I explained that he was in zone 8, and this was a contest where you just gave everybody your zone number, not a serial number. Well, one thing led to another, he seemed like a nice guy, and was thankful for the gentle explanation of zones, and after all, he called me to help me out, so I figured I owed him a polite explanation. We got to talking and next thing you know, I had CT turned off, Logger turned on, and I was rag chewing with the guys in the states.

During the course of the next few hours, I talked to about six or seven U.S. stations. We chatted about computers, logging software, and a number of other things. A few guys needed Guam for a 'new one' so I passed along my QSL info.

And during the course of the next few hours, something else happened that left me totally amazed. Not once, not twice, not three times, but probably TWO DOZEN times, someone who was operating in the contest plopped himself down on the exact frequency we were using and started calling CQ CONTEST.....

And of the two dozen times that happened, NOT ONCE did one of my fellow contesters ask IS THE FREQUENCY IN USE. Not once.....

Not once did I jump on anybody. Every time I politely told the visitor to the frequency that "There is a QSO going on here, the frequency is being used, and everyone would appreciate it if you listened for a minute or asked if the frequency was in use before you called CQ. Thanks"

A couple times, the visitor simply tucked his tail between his legs and

Jim Kehler KH2D [kh2d@kuentos.guam.net](mailto:kh2d@kuentos.guam.net)

QSY'ed. One time, after I told a loud California station, "Gee, that's not nice to call CQ without listening first" I got a polite apology, an explanation of how he was popping back and forth between two VFO's, and a request for zone 64, so I gave him a report and put him in my CT log.

But what happened the overwhelming majority of times that our rag chew frequency was suddenly visited by one of my fellow contesters left me even MORE amazed.....

The majority of the time my requests to realize the frequency was being used were responded to with another CQ CONTEST!! Since I've been operating on HF for more than 3 weeks, I have methods to deal with most situations, and I realize that in a contest, lots of QRM, people can't hear each other, etc. So when my request to please QSY was met with another CQ CONTEST, I'd apply the old 'Let's see if he can REALLY hear me trick' and yell 'KH2D'.

And then I was even MORE amazed when almost EVERY time I did that I'd get "KH2D 59 xx". You can't hear KH2D when he's rag chewing, you can't hear KH2D when he politely asks you to QSY because the frequency is in use, but when you key KH2D into CT and you see you need Zone 64 for a new multiplier, well, that's another story – you damn sure can hear KH2D then.....

This isn't another one of KH2D's 'after the contest too much QRM from Europe' stories. I got QRM'ed from the USA, I got QRM'ed from Europe, and I got QRM'ed from JAPAN too. One guy in Japan, after I politely asked him to QSY in English CQ'ed again. Then I politely asked him to PLEASE QSY in my best broken Japanese. He CQ'ed again. Then I yelled 'KH2D' to which he responded 'KH2D 59 45'.

When I knew he was indeed hearing me, I explained the frequency was in use, that he hadn't ASK if the it was in use, and that it would be appreciated if he'd PLEASE QSY. So he thought about it for about 20 seconds, and then he CQ'ed AGAIN !!!

I still fancy myself as a contester. But I'll tell you what. I think the contest fraternity, the guys I picture as my 'brothers' in contesting, need to clean up their act a wee bit. Just because there's a contest this weekend (like there is EVERY weekend) doesn't mean we have the right to ignore anybody on the bands who ISN'T contesting and treat them like they don't exist. Contests aren't lost by taking the time to listen for 30 seconds or asking 'IS THE FREQUENCY IN USE PLEASE' before you call CQ. Nothing in ANY of the contest rules I have read give us 'contesters' the exclusive rights to any band for 48 hours.

Some people don't LIKE contests. And after this weekend, I have a much better understand of WHY some people don't like CONTESTERS.

The next time they start beating us up, I don't think I'll be as quick to defend us as I used to be.....

Recent Silent Keys:  
CLOVER inventor Ray Petit, W7GHM, Late June  
CQ Editor Alan M. Dorhoffer, K2EEK, July 19.  
King Hassan II CN8MH, July 24

# Vintage Radio DX100 Award Program

Administered by Dave Paperman W5WP [w5wp@hallicrafters.org](mailto:w5wp@hallicrafters.org)  
 Courtesy Hallicrafters Collectors Association, [www.hallicrafters.org](http://www.hallicrafters.org)



## 1. INTENT:

The intent of this award program is to further encourage the restoration and operation of Vintage Amateur Radio equipment. The Vintage Radio DX Award is a personal achievement award which demonstrates the individuals ability to both restore and satisfactorily operate Vintage Amateur radio equipment. The award is also testimony to the durability and agelessness of Vintage radio equipment. This award is based on the **Honor System**. Participants are not required to show proof of having met the requirements of this award.

## 2. RULES:

A. **This award** is available to any licensed amateur radio operator having completed two way radio contact with any other licensed amateur radio in no less than 100 recognized countries having an active, indigenous amateur community which allows unrestricted amateur to amateur contact. The award is not endorseable as to additional country count.

B. *Contacts* must have been made with a resident amateur operator. Expeditions, portable operations, etc. do not count for this award.

C. *All* contact must have been made from the applicants' country of residence.

D. Contacts with *Maritime and Aeronautical mobiles* do not count for these awards.

E. *Contacts* must have been made with VINTAGE radio equipment. For the purpose of this award a VINTAGE RADIO must meet the following requirements:

1. The manufacturer of the radio used NO LONGER MANUFACTURES amateur radio equipment.

2. The radio equipment must have been produced prior to 1 January 1975.

2A. The SOLE EXCEPTIONS to 2.E.2 shall be the Drake "C" line and Collins KWM-2 line, which, due to their extraordinarily long production runs shall be eligible regardless of year of manufacture.

3. The Radio must use Vacuum Tubes. The minimum quantity tubes used shall be in the Power Amplifier stage(s).

4. MILITARY RADIO equipment must meet the requirement set forth above with the following EXCEPTION: The limitation on the manufacturer currently producing amateur equipment is waived.

*COMMENT: E.1.4 does NOT INCLUDE military equipment concurrently sold in the same form to the amateur market as amateur equipment. Form is defined as electronic and electromechanical specification similarity, not difference is cosmetic appearance.*

5. HOME-BREW equipment is added to the list of eligibility under the following conditions:

5A. The RECEIVER utilized for the purpose of obtaining this award must be either fully "Home-brew" or, if commercial meet the requirements stated in E.1-4 above.

5B. The TRANSMITTER utilized for the purpose of obtaining this award must be "Home-brew" and utilize vacuum tubes in at least the driver and output sections.

## F. AWARDS:

1. Each individual Vintage Radio System shall be eligible for its' own VINTAGE RADIO DX100 award. A System can be either a transmitter and

receiver combination or a transceiver.

2. There are two power categories of awards: LOW POWER (Less than 150 Watts power output) and HIGH POWER (More than 150 Watts power output).

3. MODES of operation: Certificates will be available for the following modes: a) Mixed; b) CW; c) AM d) SSB; e) FM (Limited to the 10 meter band); and f) DIGITAL.

4. BANDS of operation are limited to the following: a) 160 Meters; b) 75/80 Meters; c) 40 Meters; d) 20 Meters; e) 15 Meters; f) 10 Meters. Since most Vintage radios are not capable of operation on the WARC bands with out extensive modifications, awards for WARC band operation are not available. WARC band contacts cannot be counted towards the VINTAGE RADIO DX100 country awards.

5. QSO's must be made on or after **July 9, 1999**.

## G. SUBMISSIONS FOR VINTAGE RADIO DX100 AWARDS:

1) Submit a list of countries worked in ALPHABETICAL order. The list must contain the following information:

A. DXCC Country Name

B. Call Sign worked.

C. Date of QSO.

D. Band and/or Frequency

E. Mode

2) A cover letter containing the following information:

A. Name of requesting operator (as it should appear on the certificate).

B. Call sign of requesting operator.

C. Mailing Address

D. Make and Model of Vintage radio for which the certificate is requested. A serial number should be included if practical.

E. Mode endorsement requested

F. Power level used

G. A statement to the effect that all contacts were made according to Vintage Radio DX100 rules and rules by the participants licensing authority that were in effect at the time the contacts were accomplished.

## 3) Award Costs and Postage Requirements:

A. A check or money order made out to W. David Paperman, W5WP or cash in the amount of \$3.00 to cover the direct costs of the certificate, mailing materials and postage. Applicants from outside the United States, Canada and Mexico should remit \$5.00 or 6 IRC's

B) **DO NOT SEND OSL CARDS.**

C) Send the list, cover letter and remittance to:

W. David Paperman, W5WP

P.O. Box 7306

Cut 'N Shoot, TX 77306-0306

## 4. CERTIFICATES:

Certificates will be 11 X 8.5 inches on blue certificate stock. The following information will appear on the certificate: Recipients name; Radio make, model and serial number and mode of operation. If allowed by copyright and trademark laws, the Logo of the radio manufacturer will also appear on the certificate.



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

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

- Picnic Information! See you at the Beach!
- "One More for '99" — Find Out the Details!
- Complete Rules, 1999 PA QSO Party!
- Complete Rules, Vintage Radio DX100!
- 1999 Beaver County Air Show Needs YOU!
- DX QSL Techniques!

Much, much more... of course!

## **Congratulations to our Intrepid mountaintoppers!!**

so where was the QRP Rig running W7/N3SH?



### **"We Made It!"**

Samantha, Dr. John, Matt, and I made it to the summit of Mt. Baker in Washington last Thursday morning (July 29) at 0540 AM! Froze our buns off but it beat the weather back in Pittsburgh. We spent 5 days camped on the glacier taking an alpine mountaineering course prior to heading for the top.

It was a week we'll never forget ...

— Bob Sanford, AA3FI