



WASHRAG™

www.washarc.org

Volume 3 Issue 2

February 2001



N3SH
WA3SH

Wireless Association of South Hills

WASHFest 2001: Almost Here!

Winter's starting to get old; it's just starting to drag on. I'm longing for good weather when I can get outside and work on antennas and get ready for Field Day and the Islands contest and the Pennsylvania QSO Party.

Are you feeling the same way?

Maybe what we all need is a little Ham First Aid. To put that another way, we all need to go to a FIRST CLASS HAMFEST. That's what's happening on Sunday February 25th at 8:00AM at the Castle Shannon VFD Memorial Hall on Route 88 (Library Road) just South of Route 51.

WASHfest 2001, the 6th Annual South Hills Hamfest.

There you'll find FREE coffee all day, lots of vendors of both new and used ham gear including antennas, not to mention several interesting forums such as OPSAIL 2000 by Don and Margie Stark, AMSAT by Kevin Smith N3HKQ, and an ARRL Forum from our section and division leaders. Plus DXCC card checking on site by Mike K3AIR, and VE testing.

Most important you can have lots of eyeball QSO's with your buddies and you'll meet new friends too!

There's much more (including prizes) waiting for you at WASHfest 2001. Come and have some Ham fun and help get rid of the winter doldrums!

For more information call or E-mail us at **W3SRL@ARRL.net** or **W3WH@ARRL.net**. Be there!

73, Bill Hill W3WH, Co-Chairman
WASHFest 2001/South Hills Hamfest
Wireless Association of South Hills, Inc.
N3SH/WA3SH

Note:

Hamfest flyer with more details can be found on Page 10

Now, THAT was a Contest!

The First Annual WASH 2M FM Simplex Contest was an overwhelming success! The turnout was over and above our wildest expectations as amateurs throughout Southwestern PA, Eastern OH, and Northern WV joined in. The club stations from WACOM and Steel City ARC were active and sought after, the mobiles were plentiful from as far south as Greene County, and the totally unexpected surprise of hearing KE3XB/3, mobile in Bridgeville, Scott Township and surrounding points just added to the fun.

It was totally amazing to watch N3SH, from the N3XI VHF/UHF superstation, work station after station with ease and only 5 watts output. But W3RJM & N3SBF at W3KWH may have the claim for the longest contact as they worked a station over 100 miles away, west of Cleveland!

Don't forget... logs are due February 8th. Entry form is now available at www.washarc.org. Complete results in next month's newsletter and at WASHFest 2001. And include any photos, comments, and suggestions for next year's fray.

That's right! We WILL do this again next year, on January 12th 2002, the 2nd Saturday of the month. We're all looking forward to it!

And... In the meantime, don't forget about the Breezeshooter's Groundwave Contest, February 24th, 8 PM to Midnight. Remind everyone you work to come to WASHFest the next day to compare notes and swap tall tales of the night before! (The free coffee won't hurt, either!)

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Next Meeting: February 8th, 2001

The next monthly meeting of the Wireless Association of South Hills, Inc. will be Thursday, February 8th, at the John McMillan Presbyterian Church, 875 Clifton Road in Bethel Park, starting at 7:00.

Guest speaker for the night is John Getz AD8J, who runs the WPADXA's Packet Cluster node. We'll also be going over WASHfest 2001 planning.

Talk-in on the 146.955(-) N3RNX/R and 443.650(+) N3FFP/R Repeaters (131.8 PL). All members, guests and interested parties invited!

February 2001

- WASH FM Net, 9:00 PM ET Sunday Nights on the 146.955 and 443.650 Repeaters

- WASH Digital Net, 9:30 PM Sunday Nights 28.105 MHz RTTY & PSK31

LOOKING AHEAD:

- ARRL DX Contest Phone, March 3rd & 4th
- CQ WPX Contest Phone, March 24th & 25th

Sun	Mon	Tue	Wed	Thu	Fri	Sat
ARA ARC ARL ARES Co M&K RA RS	Amateur Radio Association Amateur Radio Club Amateur Radio League Amateur Radio Emergency Service County Mike & Key Club Radio Association Radio Society	GPVHFS Greater Pittsburgh VHF Society SATERN Salvation Army Team Emergency Radio Network SHBP&M South Hills Brasspounders & Modulators	WACOM Washington Area Communicators WASH Wireless Association of South Hills QCWA Quarter Century Wireless Association	1 WACOM Meeting RA Erie Meeting	2 Piratefest Groundhog Day Elco RS Meeting	3 Piratefest RA Erie VE Tests WPA Hilltoppers/BVARA VE Tests Nittany ARC Coffee Call North Hills ARC Elmer Net
4 Piratefest Elwood City ARA Meeting Pittsburgh QCWA Net WASH FM Net WASH Digital Net	5 GPVHFS Erie Meeting Breezeshooters Net Beaver Co Public Service 2 Rivers ARC Net Triple 'A' ARC Net	6 Butler Co ARA Meeting SHBP&M Meeting Skyview RS Meeting SATERN Net GPVHFS Swapn'Shop Net North Hills ARC Club Net	7 Uniontown ARC Meeting Steel City ARC Social Nite Allegheny Co SkyWarn Net Allegheny Co ARES Net Westmoreland Co ARES	8 WASH Meeting Horseshoe ARC Meeting Beaver Valley ARA Meeting Triple 'A' ARA VE Tests	9 W3C WACOM Special Event Station at the Washington County Sports Show (Washington Mall) QSL to N3ZNI	10 W3C QRV 2 Rivers Ham'nEggs Brkfst Tri-County CW VE Tests Butler Co ARA VE Tests North Hills ARC Elmer Net
11 W3C QRV Stadium Implosion Pittsburgh QCWA Net WASH FM Net WASH Digital Net	12 Lincoln's Birthday ARL Lawrence Co Meeting Bum of the Month Lunch Breezeshooters Net Beaver Co Public Service 2 Rivers ARC Net Triple 'A' ARC Net	13 Foothills ARC Meeting Nittany ARC Meeting Coke Center ARC Meeting Ft. Venango M&K Meeting Punxsatawny Area ARC SATERN Net	14 Valentine's Day North Hills ARC Meeting Steel City ARC Social Nite Allegheny Co ARES Net Westmoreland Co ARES	15 Triple 'A' ARA Meeting Greene Co ARC Meeting Somerset Co ARC Meeting	16 2 Rivers ARC Meeting	17 ARRL DX Contest CW Foothills ARC VE Tests Nittany ARC Coffee Call North Hills ARC Elmer Net
18 ARRL DX Contest CW Elk Co ARC Meeting Pittsburgh QCWA Net WASH FM Net WASH Digital Net	19 President's Day Monessen ARC Meeting Breezeshooters Net Beaver Co Public Service 2 Rivers ARC Net Triple 'A' ARC Net	20 Steel City ARC Meeting Tri-County CW ARC Mtng. McKean Co ARC Meeting Pymatuning ARC Meeting Juniata Valley ARC Meeting SATERN Net	21 Huntington Co ARC Meeting Allegheny Co SkyWarn Net Allegheny Co ARES Net Westmoreland Co ARES	22 Washington's Birthday Steel City ARC Dinner WACOM Board Meeting	23 CQ 160 Meter Contest SSB	24 WASH Breakfast Breezeshooter's 10 Meter Groundwave Contest North Hills ARC VE Tests North Hills ARC Elmer Net
25 WASHFest 2001 Pittsburgh QCWA Net WASH FM Net WASH Digital Net	26 Breezeshooters Net Beaver Co Public Service 2 Rivers ARC Net Triple 'A' ARC Net	27 Mardi Gras SATERN Net GPVHFS Swapn'Shop Net North Hills ARC Club Net	28 Ash Wednesday North Hills ARC Activity Steel City ARC Social Nite Allegheny Co ARES Net Westmoreland Co ARES	3/1 WACOM Meeting RA Erie Meeting	3/2 Elco RS Meeting	3/3 ARRL DX Contest SSB RA Erie VE Tests WPA Hilltoppers VE Tests Nittany ARC Coffee Call North Hills ARC Elmer Net

WASH 2001 OFFICERS

Executive Committee:			
President	Ron Notarius WN3VAW		
VP/Secretary	Paul Lusardi NØVLR		
VP/Treasurer	Mark Stabryla N3RDV		
And We Couldn't Do It Without:			
N3SH / WA3SH Trustee	Steve Lane W3SRL		
N3SH / WA3SH QSL Manager	Paul Lusardi NØVLR		
VE Team Liaison	Jacqué Gosselin N3ZEL		
Webmaster	Bob Sanford AA3FI		
Quartermaster	Harold Rosenberger KB3CPI		
N3SH/WA3SH WASH Net Managers			
FM Net (2 Meter & 70 cm)	Bryan Beyer K3OL		
Digital (10 Meter)	Mike Serowik N3BSQ		
WASHFest 2001 Co-Chairman	Steve Lane W3SRL		
(South Hills Hamfest)	Bill Hill W3WH		
Operating Events Chairman	Bill Hill W3WH		
Field Day 2001 Chairman	(open)		
Ways & Means	Carol Danko		
Media Communications	Kevin DeRose N3KFD		
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 & 443.650 repeaters. The 10 Meter Digital N3SH/WA3SH WASHNet meets on 28.105 MHz at 9:30 PM ET following the conclusion of the FM net. (Frequency is +/- QRM) All radio amateurs, WASH members or not, are welcome to join!			

THE LEGAL STUFF

"The WASHRag™" (formerly **"The Mariner™"**) is the Official Newsletter of the **Wireless Association of South Hills, Inc. (WASH)** Published Monthly with occasional Special Editions as warranted. This issue is © Copyright 2001 by the **Wireless Association of South Hills, Inc.** Editor & Publisher: Ron Notarius WN3VAW Member, Amateur Radio News Service

Comments, articles, and requests for copies of or information about **"The WASHRag™"** should be mailed to the editor:
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 Email: wn3vaw@fyi.net or wn3vaw@arri.net

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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, it's members, or it's 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 it's members to use their repeaters for club purposes.

WASH Amateur Radio Club News Briefs

Next WASH VE Test February 25th!

Our Next VE exam sessions will be **Sunday, February 25th, 2001**, at **1:00 PM**, at Exhibit Hall #2, *Castle Shannon VFD Memorial Hall*, PA Route 88 (Library Road) at Grove Road, Castle Shannon, PA, during **WASHFest 2001**. Talk-in on 146.955 MHz.

All examiners are ARRL VEC affiliated. Walk-ins are always welcome, but if you plan on attending the test session, please contact VE Team Liason Jacqué Gosselin N3ZNI: (724)-746-9235 or E-Mail: n3zel@fyi.net

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 \$10.00 (payable to: ARRL VEC)

Note: You **do not** have to attend WASHFest to take these VE Exams.

The ARRL Board voted in January to raise annual dues from \$34 to \$39 annually for full members under age 65, and from \$28 to \$34 for full members 65 and over, effective July 1. This is the first dues increase since 1997. A need to fund initiatives to expand advocacy activities to protect spectrum and to cover member services where among the reasons cited.

January 18th Test Results

We had nine people sit for tests at the January 18th, 2001 VE Test session. Eight upgraded or received new licenses. They are:

New General: **KB3FLM** Joe Caldwell

N8HUC Karen Andrews

New Tech w/HF: **KB3EUQ** Allen Hettman

New Technician: **KB3FZR** Matt Jones

KB3FZS Carl Lancaster

KB3FZT Angel Merz

KB3FZU Francis Bobro Jr.

KB3FZV Pamela Farrar

Thanks to all of the VE Team who helped out, including: Ed Wolf N3UE, Paul Lusardi NØVLR, Bill Hill W3WH, Ed Salva W3VFA, Bryan Beyer K3OL, John Moninger WA3VKC, Mark Stabryla N3RDV, and Ed Oelschlager N3ZNI.

— Jacqué Gosselin N3ZNI, VE Team Liason

Now Is The Time

You should be reading this the weekend before our February meeting. That means that only about 3 weeks remain before WASHFest.

We need you. We need everyone who can to come down, even if only for an hour or two, and help. Be it parking, ticket sales, talk-in, vendor setup, whatever — if we all pull together, we'll once again have another great, fun, hamfest that'll be talked about all year.

Give Steve or Bill a call today and let them know when you can help and where. Thanks!

No Soup For You! The inaugural WASH Club Breakfast scheduled for January 27th got called off due to inclement weather. Somehow meeting for breakfast in the middle of a snow storm when the police are saying on the news "stay home!" didn't strike us as prudent. So we'll try again on February 24th — the morning before WASHFest — again at the Eat'n'Park on Noblestown Road in Kirwan Heights, just off I-79, at about 8 AM. And again, monitor the repeaters that morning if the weather turns ugly.

Don Fincher KA3WZO underwent triple bypass surgery at Allegheny General Hospital on January 16th. The surgery went very well, and after spending about a week in the hospital (in Room 599!), Don is now home completing his recovery and we look forward to seeing him soon. Drop him a note, will you?

New Media Communications Chair: Kevin DeRose N3KFD volunteered to fill our Media Communications position effective immediately. Thanks Kevin! If you have a media contact from past events, please forward it to Kevin so that we can start getting information about club events out to the public.

New ARES/RACES Liason: Frank Sanns N3XI has taken over as the WASH Liaison to the weekly Allegheny County ARES/RACES net. The liaison represents the club during the weekly nets and when it's our turn, acts as Net Control (or arranges for a club member to fill in for him when he isn't available). Thanks Frank!

Club Shirts & Hats: Look, it as simple as this: In a few short weeks, we're going to be hosting hundreds of our friends and neighbors at WASHfest 2001, trying to look our best. A club-logo'd shirt is one way to do just that. Suggested color is Navy Blue, but get whatever you feel comfortable with. The order form for **TLC Embroidery** is on Page 11; give Sharon a call at (724) 484-7703 to discuss specifics. Order now while there's still plenty of time!

Dayton 2001: Made plans yet? Greg Babin KQ3DX has again reserved two dorm apartments at the University of Dayton. Each has 3 bedrooms, each of which can hold 2 people, and a small kitchen. Last year's cost was \$234/apartment for 3 nights — now compare that to a motel room for one! If you'd like to join Greg's Gang, send an email to tony-babin@msn.com — or call the University of Dayton Kennedy Union & Conference Services (937) 229-3333 to see if space is available.

2000 PA QSO Party results are due out soon! Preliminary in-state results were released January 29th, but some small errors had to be addressed — and we don't want to print them until everything is OK. Coffee mugs have been ordered; mugs for WASH members will be shipped to WN3VAW for distribution. We hope to have complete results and mugs by the March meeting.

Flattery will get you nowhere, but keep trying: We're honored that many other club newsletters have been reprinting articles from the WASHRag. One of Don N3RHT's *Hollow State Ramblings* columns was in a recent **ARNs Bulletin**, and another will be in an upcoming **Nittany ARC Newsette**; and the **Mile High DX Association Wire** has used some of our DX articles & information. Thanks guys!

DAYTON
hamvention®

WASHFest 2001 — 6th Annual South Hills Hamfest — Sunday February 25th, 2001
2001 Dues are NOW DUE! Don't put it off, renew your membership today!

Minutes, January 11th Meeting

Paul Lusardi NØVLR, Vice President/Secretary WASH

The meeting was called to order at 7:10 by WN3VAW. There were 20 members and 3 guests present.

A moment of silence was observed for all recent Silent Key's and their families.

Introductions followed, with a welcome to Frank Bobro from WPXI, a non-ham interested in being licensed. (Note: He passed his Technician Class at the VE session and is now KB3FZU!)

Motion by N3SBF, 2nd by N3KFD, to waive the reading of the minutes. Committee reports:

VE: N3ZEL: VEC Exam next Thursday, 7 PM, VE's needed. ARRL fee is now \$10, and there is no longer any free testing due to elimination of testing for Novice.

2M Contest: N3ZNI: Contest this weekend, log sheets on the web site. Entries due Feb 8th. 50 point bonus for anyone working KE3XB/2 from Rochester NY.

(N3ZEL & N3RDV then excused due to another commitment)

Treasurer: N3RDV: Read and accepted.

Secretary: NØVLR: Several donations received in N3KEH's memory.

Thank you's have been sent & the funds turned over to N3RDV.

Repeater: N3RNx: Repeater still waiting move. Probably in Spring.

FM Net: K3OL: Reminder that NCS's needed for future weeks

Digital Net: NØVLR for N3BSQ: Net still gearing back up.

Activities: WN3VAW for W3SRL: AD8J will be guest speaker in February talking about Packet Cluster.

Contests: WASH 2 Meter (already covered).

Breezeshooter's Groundwave - N3UE - Contest night before WASHFest, only night that there wasn't a conflict with another contest. One main prize ticket for each log entered. No plans for N3SH or WA3SH operation at present, but WN3VAW volunteered his QTH if enough interested in N3SH operation.

Field Day: K3OL: Discussed possible site in Peters Township for FD 2001; had pictures. He and W3WH were to check it out and see if it was acceptable and available, and report back next meeting.

PA QSO: WN3VAW: No results yet, should be out sometime in February.

Ways & Means: Carol Danko discussed strip tickets as a monthly club fundraiser. Lengthy discussion followed; One objection was raised. Less than 10 members volunteered to sell tickets for February; we will use them at WASHFest to raise money specifically for future repeater contributions.

Hamfest: NØVLR & WN3VAW for W3WH & W3SRL

Food: Jack from Hoagie Heaven will be catering the hamfest Help needed 5 AM to 3 PM -- sign up sheet available after the meeting or contact W3WH or W3SRL.

Detailed discussion followed of where and when help was needed. Reminder that we have two halls this year.

Carol will run a 50/50 at the hamfest

Club table will be made available

Several VE's will be needed to help out at the VE Session.

List of vendors known committed to WASHFest announced.

Discussion of bake sale; NØVLR to talk to Jack to make sure this won't conflict with him.

Old business: None

New Business: None

Good of the order: N3RDV announced that N3XI has accepted Club ARES Liason spot. N3QMV brought in an article about W8PAL (SK).

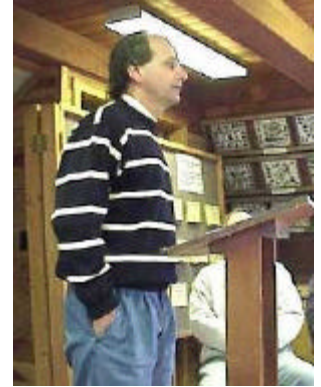
N3QMV motioned to adjourn at 8:00, 2nd by N3RNx & approved.

Riley's Coming to the Blue Flame

Allan Harden N3UML

The FCC Special Counsel for Amateur Radio Enforcement, Riley Hollingsworth K4ZDH, will be the guest speaker at the South West Pennsylvania Packet Group meeting and Brunch Buffet on April 14th.

The meeting will be held at the Blue Flame Restaurant on PA Route 51 in Pleasant Hills, about 2 miles south of the Century III Mall. Seating is limited to about 150 persons, so reservations are limited.



For more information or for reservations for this meeting, or more information on the South West Pennsylvania Packet Group, please contact Gino WA3IOU or Allan N3UML n3uml@alltell.net.

WASH Breakfast Saturday, February 24th



Please join us for the first WASH Breakfast (take 2)! We're going to get together on the LAST Saturday of every month for a chance to informally sit down, shoot the breeze, compare notes, and just have a good time together!

We'll be rotating the location until we find one that suits most everyone. This month, we'll be at the **Eat 'n' Park on Noblestown Road** (Route 50) in Kirwan Heights, next door to Peter's Place at Vanadium Road, just off the I-79 interchange. Start time is about 8 AM until whenever.



All amateurs, WASH members or not, are welcome! Hope to see you there!

Wireless Association of South Hills Membership

AA3FI	KB3FQT	N3TBK	N3ZEG	WN3BOJ
AA3JS	KE3XB	N3TES	N3ZEH	WN3VAW
K3BZW	KQ3DX	N3UE	N3ZEL	
K3LIE	NØPEU	N3UIW	N3ZNI	Carol Danko
K3OL	NØVLR	N3VEH	N4MIS	Dan Mohr
K3VX	NØWVPV	N3VVL	NP2JF	JoAnn Cottrill
K3WR	N2QIV	N3VWF	W3GEL	Marilyn Nizinski
KA3TFB	N3BSQ	N3WPT	W3HND	
KA3TWI	N3CCC	N3XFE	W3RJM	K3EED (SK)
KA3UPY	N3IDH	N3XI	W3SRL	N3KEH (SK)
KA3WZO	N3KFD	N3YPB	W3VFA	W3ZLK (SK)
KB3CPI	N3MJQ	N3YQY	W3WH	
KB3DCO	N3OBD	N3ZCG	WB3BPH	
KB3DSB	N3QMV			
KB3DSD	N3RDV			
KB3ECD	N3RHT			
KB3ENX	N3RNx			
KB3FNM	N3SBF			

Through January 31st, 2001

List compiled by

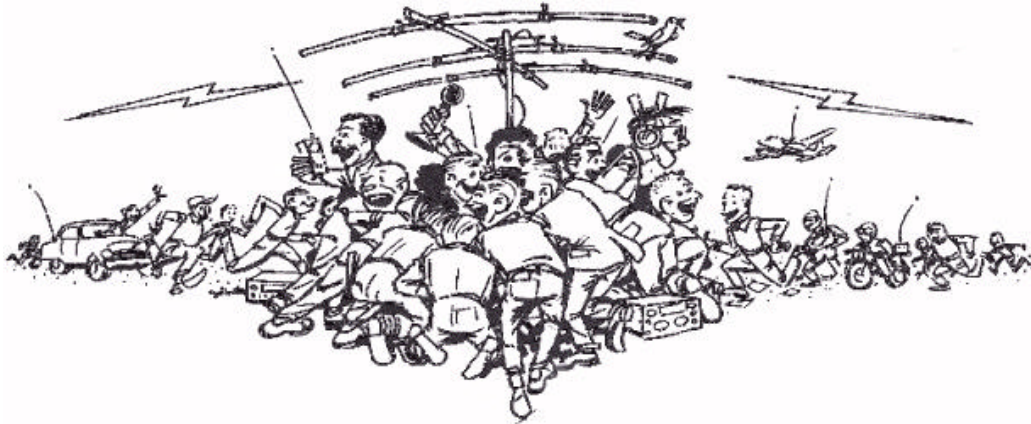
Mark Stabryla N3RDV
Vice President/Treasurer

High Claimed Scores from the 2 Meter Simplex Contest

Member	Hi Power	Member	Low Power	Non-Member	Hi Power	Non-Member	Low Power
N3RNX	3362	KE3XB	13167	N3UML	3827	W3JAF	88
N3ZNI	1652	K3OL	3872	KB3CYA	987		
N3ZEL	1475	KB3FNM	2016	N3BPB	518		
N3WPT	1416	KB3FQT	1760	N3LIF	495		
N0WPV	1200	N3UE	6	KA3KSP	462		
WN3VAW	1150	N3YQX	6	N3XTB	200		
W3VFA	646			N3TTE	162		
KB3EPC	396						

Remember: Logs Due In to N3ZNI by February 8th! Don't Forget to Send Them In!

**2001 Breezeshooter's
10 Meter
Groundwave Contest
Saturday
February 24, 2001
8 PM to Midnite (EST)**



Full details, including the rules, map, and grid sheet are available on the Breezeshooter's Web Site, www.breezeshooters.net
 Entries, including map showing actual physical location (not mailing address), must be postmarked by April 1st to:
 Breezeshooter's Groundwave Contest, PO Box 100158, Pittsburgh, PA 15233-0158
 And don't forget to come to WASHFest 2001 on Sunday, February 25th to compare notes & swap tall tales!

Powering Down a Tube Rig

Roger Bracey GM4BZI

There was an old saying "its volts that jolt but mils that kill" (mils = milliamps). Currents are dangerous in that they can shock you, possibly lethally. A high voltage source can drive potentially large currents through the body - a lot of energy (hence burns) and capacitors store energy.

When working in a tube rig therefore, if possible switch off and unplug. However there may be some charge stored in capacitors so it is wise to short circuit these, ideally with a shorting lead in case the charge re-forms. Be careful when shorting them though — you could be releasing a lot of energy. Ideally wait some time after switch-off and the ideal shorting lead would have a resistor (say 1k ohm) to limit current flow. A check with a voltmeter to confirm no residual voltage will also minimize risk.

Sometimes you have to work on the rig with power on to make adjustments — then you really do have to be careful since high voltages will be present. The wise old maxim of only working with one hand — put the other behind your back or in a pocket — will certainly help reduce the risk of shock.

Also familiarize yourself with where the risk is (i.e. location of live parts) and keep away. Think before acting !!

If you're interested in the future of Johnston Island (**KH4**), you might like to take a look at <http://www.af.mil/news/airman/0102/john.html>

— Casey Bell KQ4YI

ARRL Alters Morse Position

From ARRL Bulletin #2



NEWINGTON, CT, January 22, 2001 — Meeting in Irving, Texas on January 19th & 20th, the Board of Directors of the American Radio Relay League revised its position on whether Morse code proficiency should continue to be an international requirement to license operation below 30 MHz.

The Board approved a resolution that "recognizes and accepts" that the Morse requirement likely will be dropped from Article S25 of the International Radio Regulations at the 2003 World Radio Communication Conference. But the Board held the line on retaining a domestic Morse requirement, saying that each country should be allowed to determine for itself whether it wants to have a Morse code requirement.

The Board's Morse Code resolution declared that deletion of the Article S25 international requirement at WRC-03 "should not automatically or immediately mean a similar removal of the Morse code from Part 97 of the FCC rules." Morse code, the Board affirmed, deserves continued support as an important operating mode as well as in terms of spectrum and "should be retained as a testing element in the US." The resolution also called on ARRL Headquarters staff to "develop a program designed to promote the use of Morse."

The resolution supersedes all previous Board policy statements regarding Morse code and Article S25.

Today's Breezeshooters

Original Author Unknown; Updated by Ed Wolf N3UE

The **Breezeshooters**, with a membership over the years rising to over one thousand, has evolved into an organization with a rather casual structure.

The **Breezeshooter** organization came into being in a very informal way in the early 1950's. Much as other Amateur Radio organizations, it began as a very casual "net" and evolved into the activity we see today. The prime impetus came from a need to solve an interference problem created by a new, but powerful service — Television. This problem was most apparent on the Ten Meter band and effective use of the band and development of solutions for the problem were necessary to avoid FCC action which might have been detrimental to the spectrum allocations.

After a period of informal growth it was recognized that some defined organization could increase this group's effectiveness and insure it's continuity. The name was selected to indicate the organization's major activity — "occupation" of the Ten Meter band. The "Net" as we know it today (at 9:00 PM on 28.480 MHz) was an outcropping of this activity, no doubt designed as a show of strength in numbers at a time of maximum Television viewing activity on Channel Three (the focal point of what became known as TVI). The time slot in what we today call "Prime Time" was probably Studio Wrestling or an equally important piece of early television programming.

Concurrent with this was the formation of the organization by entering into and filing Articles of Incorporation defining our purpose and goals — the promotion of activity on the Ten Meter band through fellowship with other Amateur Radio operators and providing the availability of the group as a Public Service organization.

The TVI problem was "solved" by getting manufactures of television receivers and the FCC to at least recognize that the receivers were produced with no provision for minimizing interference and that the problem could be solved with the incorporation of adequate filtering, either as original equipment, or with out-board filters.

With that problem now out of the way, the **Breezeshooters** looked for other activities to occupy what was now a well tuned organization. Public Service work as we know it today was in it's infancy and was not, at that time, needed in Western Pennsylvania se we went in another direction: meetings, technical discussions, social gatherings and ultimately HAMFESTING. In 1955 we held the first annual **Breezeshooter's Hamfest**, an activity that no one, at that time, foresaw as the forerunner of an annual event the magnitude of today's hamfest.

Another activity originated by the **Breezeshooters** is the Annual GROUNDWAVE CONTEST, a unique, four hour, Saturday evening endeavor designed more for relaxation and fellowship than for "making points". This is a mid-winter activity that has become a "must" for local Ten Meter enthusiasts.

The activities of the **Breezeshooters** have always been conducted in a spirit of fellowship with the prime objective being the promotion of activity on the Ten Meter band. We invite you to join in this activity, and if you desire, to become an active member of **The Friendly Breezeshooters**

FAR Scholarships 2001

Hugh Turnbull W3ABC, Chairman, Scholarship Committee, FAR

The Foundation for Amateur Radio, Inc., a non-profit organization with headquarters in Washington, DC., plans to administer Sixty Seven (67) scholarships for the academic year 2001-02 to assist licensed Radio Amateurs. The Foundation, composed of over seventy five local area Amateur Radio Clubs, fully funds ten of these scholarships with the income from grants and its annual hamfest. The remaining fifty seven (57) are administered by the Foundation without cost to the various donors.



Licensed Radio Amateurs may compete for these awards if they plan to pursue a full-time course of studies beyond high school and are enrolled in or have been accepted for enrollment at an accredited university, college, or technical school. The awards range from \$500 to \$2500, with preference given in some cases to residents of specified geographical areas or the pursuit of certain study programs.

Additional information and an application form may be requested by letter or QSL card, postmarked prior to April 30, 2001, from: FAR Scholarships, Post Office Box 831, Riverdale, MD 20738.

The Foundation for Amateur Radio, incorporated in the District of Columbia, is an exempt organization under Section 501(C)(3) of the Internal Revenue Code of 1954. It is devoted exclusively to promoting the interests of Amateur Radio and those scientific, literary and educational pursuits that advance the purposes of the Amateur Radio Service.

Hallicrafters Returns?

Last month in this space, we told you about the death of the original Hallicrafters Collectors Association (HCA) organization and it's web site, www.hallicrafters.org, in large part because of a petty "tempest in a teapot" dispute with a handful of people calling themselves "Hallicrafters Collector's International (HCI) and their actions in creating a rival web site, www.hallicrafters.net.

In new developments, Chuck Worsham, President of Professional Electronics, owner of the Hallicrafters trademarks (and who markets military gear under that name) has entered the picture. Concerns have been raised about the legal and ethical issues regarding the HCI's web site and it's unauthorized (by him) use of the Hallicrafters trademarks. But it has also come out that Professional Electronics may be entering the amateur market under the Hallicrafters brand name!

HCA Founder Brad Stone NB9M, reported in a January 8th e-mail that "Chuck & I are currently discussing the possibility of developing his www.hallicrafters.com site. I'm excited about the possibility of helping: Hallicrafters will be releasing a new HF linear amplifier for the amateur market! It is currently undergoing testing prior to approval and production. Hallicrafters also has another interesting VHF/UHF linear amplifier, built for the military, that may find its way to the amateur market."

Stone also reported that he has turned ownership and administration of the www.hallicrafters.org domain to Professional Electronics.

Mini-Prop & Mini-Prop Plus

Shel Shallon W6EL

I have been made aware of discussion in (the KH2D DX Reflector) regarding MINIPROP and MINIPROP PLUS. There were several versions of MINIPROP in the 1980's. Version 2, while copyrighted, is in the public domain. It is available for downloading, usually under the name MINPROP2, at several web sites. Try these sites:

http://ftp.globalnet.co.uk/pub/simtelnet/msdos/hamradio/00_index.txt,
<http://www.jumbo.com/pages/hobbies/dos/hamradio/minprop2.zip.download.htm>,
http://ftp.net.uni-c.dk/pub/simtelnet/msdos/hamradio/00_index.txt,
<http://qrz.com/files/misc/>
<http://www.simtel.net/simcgi-bin/dosfind.cgi?propagation>.

MINIPROP PLUS is the successor to MINIPROP. All versions are copyrighted and I retain all rights. MINIPROP and MINIPROP PLUS are no longer available from me. I closed W6EL Software on 12/31/1997.

However, owners of MINIPROP PLUS v2.50 can request an upgrade from me if their copies do not run on their new, fast, computers. Email the serial number on your v2.50 diskette to me at w6el@arrl.net. I will return the update as an email attachment.

The Ham Radio History Page at <http://ac6v.com/history.htm> now contains some info and references to DXing, Pioneers and famous DXers such as Don Wallace W6AM, KV4AA Dick Spenceley, Yasme Dxpeditons, Gatti-Hallicrafters, Danny Weil, Gus Browning W4BPD, OH2BH Martti Laine, Geoff Watts, Don Miller W9WNV, and Hugh Cassidy WA6AUD.

Also very very early records such as 1916 Amateur Station 2IB works 8AEZ (750 miles across the USA); 1923, November 27, 8AB, of Nice, France worked USA stations 1MO, and John Reinartz, 1XAM. Four thousand miles - DX For Sure; and 1924, Oct 19 A station in England worked New Zealand, a distance of almost 12,000 miles.

— Rod Dinkins AC6V

I finally received QSL cards from **HR1RMG**. I traded email with him several times to get the new and correct QSL information. I was very motivated as one of the QSO's was on 6M. Here is what it took:

- 1 IRC 15 JUN 1999: No Reply
- 1 IRC 7 DEC 1999: No Reply
- 2 GS Registered 15 DEC 2000 / Received 22 JAN 2001

That's a \$10.30 card! The highest yet! Mind you, this is most likely NOT Rene's fault but the Honduran postal system. Rene's new QSL address:

Rene Mendoza Garay
 P. O. Box 1000
 San Pedro Sula,
 HONDURAS, Central America
hr1rmg@yahoo.com

— Ken Eckel AB5A

One thing that has always bothered me is hearing that a QSL manager is 'closing a log'. I will be happy to preserve any DX or DXpedition log and take on the QSL manager responsibility, no matter how old the log might be. If any of you hear of a DX or DXpedition log that is being 'closed', or perhaps that a QSL manager becomes a Silent Key, please save the log(s) — drop me a message. I would be happy to take over the QSL job. I will even provide replacement cards if needed as well. Let's save our DX history!

— Bob Schenck N200/9M600/V8500 n200@arrl.net

Tickets In Danger

Do you know any of the amateurs listed below? According to the QRZ.COM web site, these are all hams whose tickets are about to expire. Once expired, they may not operate until they renew, and if they do not renew during the 2 year grace period...

If you know them, let them know. Hopefully they've just forgotten or their paperwork is in process.

And to be perfectly honest, this list hit home for me. Several of these folks were former students of mine, including the guy we once nicknamed "Hardcore" (because he passed his Advanced before the FCC sent his Novice, and the night his ticket arrived, he became a Breezeshooter and ragchewed until the wee hours of the morning) Another is a one-time NASA Teacher In Space for Pennsylvania candidate for the Challenger mission, and is still active with NASA. (Another, I've since found out, has moved to Anguilla and is now a citizen of Mozambique... don't ask). And so on...

— WN3VAW

(Note: This list was effective January 15th. Go to www.qrz.com for up to date information)

KA3NMG 2001-01-22 WILLIAM W. STUMP, PITTSBURGH, PA
 KA3UTS 2001-02-12 DANIEL J. KOLLER, JR, MC KEES ROCKS, PA
 KA3WZP 2001-02-12 PATRICIA C. PALAZZOLO, BRIDGEVILLE, PA
 KA3YAJ 2001-02-12 VINCENT A. CATE, PITTSBURGH, PA
 KA3YBN 2001-02-12 CYNTHIA J. DENGLER, MC KEES ROCKS, PA
 KA3YEU 2001-02-12 GARY C. GABRIEL, PITTSBURGH, PA
 KA3YIN 2001-01-22 SAMUEL W. LUCAS, JR, PITTSBURGH, PA
 KA3YJK 2001-01-29 JOHN M. MC GREAL, BEAVER, PA
 KA3YLK 2001-02-05 GEORGE L. MILLER, BETHEL PARK, PA
 KD3VY 2001-02-12 DAVID J. BARNETT, PITTSBURGH, PA
 N3HOZ 2001-01-22 MARJORIE G. STARK, EIGHTY FOUR, PA
 N3IUV 2001-01-29 CHRISTOPHER J. NOYES, CORAOPOLIS, PA
 N3IVL 2001-02-12 JUSTIN D. TYGAR, PITTSBURGH, PA
 N3IWB 2001-02-12 SCOTT W. ROSENFELD, PITTSBURGH, PA
 WA3MGB 2001-02-05 HARRY T. MILBOURNE, JR, CRANBERRY TOWNSHIP, PA
 WJ3C 2001-01-22 WILLIAM W. JORDAN, GROVE CITY, PA
 WJ3Z 2001-02-12 RONALD P. LYLE, MONACA, PA

Rockwell International To Spin Off Collins Avionics Unit

Rockwell International Corporation announced in a press release on December 8th, 2000, that it's Board of Directors had approved in principle the spin off of the Rockwell Collins avionics and communications business unit to shareholders as a separate, publicly traded company.



The new company, Rockwell Collins, will continue to be based in Cedar Rapids, Iowa. The spin-off is pending IRS and other regulatory approval. Once approved, which is expected sometime in 2001, the new company will apply to be listed on the New York Stock Exchange for public trading.

Prior to it's acquisition by (then) North American Rockwell in the early 1970's, the company was known as Collins Radio and considered by many the premier manufacturer of Amateur Radio equipment in the United States. Collins Radio equipment, notably the 75A4 Receiver, the KWM-2 Transceiver, the 30L1 Linear, the "S-Line" Transmitter/Receiver series, amongst many others, are sought after and considered highly valuable by collectors throughout the world.

D68C February 8th – 28th

Don Field G3XTT / NK1G

These days, with small radios and cheap air fares, there are many one- or two-man expeditions, and long may they continue. But such operations cannot expect to make more than maybe 10 or 20k QSOs. This is great news for the well-equipped DXer. However, after our 9MØC Spratly DXpedition, we were surprised to find as we visited local radio clubs (as against the big DX clubs) that, despite 65k QSOs, many of these folk hadn't worked us, not even on one band. Indeed, for many of them, DXing wasn't a serious option. Maybe 90% of these people had HF radios, but many lived in apartments, or were otherwise restricted in putting out a big signal. They wanted to be involved in DX, but felt disenfranchised. They heard the DXpeditions going out and working the same DXers time and again.

What we resolved to do was put on a DXpedition which would bring some excitement back to HF operation for those who were at a disadvantage, for whatever reason. We want to work our way far enough through the pile-ups to give everyone an opportunity to work us at least once. Indeed, we would encourage those of you who have an HF rig that is gathering dust to put up, say, a single-band sloping dipole, aimed at D6, put the rig back into service, and give us a call. Maybe not in the first week or so of the operation, but once the pile-ups have started to diminish.

At the same time, of course, we want to offer the better-equipped DXers the chance to work some new modes or band countries, hence the fact that we will also be operating 160, PSK31, 6 m, satellite, etc. With 26 operators, a huge array of hardware, and almost a month on the island, we believe we really can offer everyone the opportunity of some fun.

The DXpedition QSL Manager is Phil, G3SWH, 21 Dickensons Grove, Congresbury, Bristol, BS19 5HQ, England. Direct cards will be available shortly after the DXpedition members return home.

All incoming cards will be checked carefully to ensure that the QSO appears in the DXpedition log. We will only QSL those QSOs that are listed on your application. Direct requests will be dealt with first, with e-mail and bureau requests second. QSL requests received direct by the managers will result in a direct response.

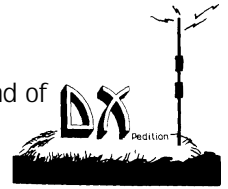
In order to receive a direct QSL: Ensure that the QSO information on your card is clear and correct. Enclose a good quality self-addressed envelope of sufficient size and strength for the number of return cards expected. No labels please! Up to three QSOs can be confirmed on a single card. Enclose US dollars or sufficient International Reply Coupons (IRCs) to meet postage costs by airmail or surface mail as appropriate. One IRC or one US dollar will pay for return postage in Europe for up to two cards. Note that US dollars are much better value than IRC's! Additional dollars or IRCs are very welcome and will be used to help meet the significant costs of the DXpedition.

Silent Keys



Bill Hewlett, co-founder of Hewlett-Packard, January 12th
 Hy-Gain co-founder & designer of the TH-3 Triband beam,
 Andy Andros WØLTE, January 23rd
 Bill Orr W6SAI, January 24th
 Henk Jesse PAØCII, last known living participant from the 1923
 ARRL Trans-Atlantic tests, January 24th

DX News Briefs



3YØC is expected to remain active through the end of February despite various setbacks, including antenna and generator problems. Key factor will be the arrival of the pick-up ship which is now expected in early March, possibly late February. Work him now! QSL via WA4FFW, but logs will not be available until after N4BQW returns — from various sources including 3YØC web site, WA4FFW, 425 DX, OPDX, ARRL DX, W3UR/The Daily DX

The St Peter and St Paul Rocks DXpedition **PWØS** is on schedule to depart Recife, Brazil on February 2, arriving on the Rocks about February 7. Well-known Brazilian DX'er PT7BZ, Ely, has joined the team and will be operating from the Rocks. Operation will be on 160 through 6 meters, CW, SSB and RTTY. QSL via KU9C. Further info available at w9va@aol.com — W9VA

The Sir Francis Drake Report:

VP8SSI was issued years ago to South Sandwich Island DX Group in 1988, trustee WA4JQS, and he still holds the call. Recent operations of VP8SSI and his personal call, **VP8BZL**, are pirates, save your money — WA4JQS

QSL Routes:

D68BT via EA3BT — EA3BT	XU7ABD via EA4URE — EA5RM
D68WL via EA3BT — EA3BT	T88DX via JI3DLI — W3BJ
D68C via G3SWH — G3NUG	7Q7LZ via JA2LZF — DL1SBF
3C1AG via SMØAGD — SM5DJZ	V26B via WT3Q — KA2AEV
FK1UH via VK4FW — F5NOD	YJØAFN via HA8FW — N5FG
FK8HC via VK4FW — F5NOD	J28EW via F5KEE — AB5A
UAØZBK/Ø via K1WY — K5OVC	A22DX via ZS1FJ — VK1MJ
	FY5KE via F6BEE — IN3NJB

V51ZSV was a CW Only special event station located on the premises of commercial station V5W (ex ZSV) which went out of service on February 1st. — V51BK via N5FPW

The always controversial **VKØMM** has announced that his QSL manager will be VK4AAR. QSL Direct Only (NO Bureau cards) to Alan Roorcroft, PO Box 421, Gatton, QLD 4343, Australia. "Greenbacks are preferred over IRC's." Excess funds will be donated to a children's charity & Alan is "encouraging" heavy donations. This has caused an outcry over "selling" of QSL cards and renewed demands that the VKØMM operation be discredited from DXCC awards. It is not known if VK4AAR will also handle cards for VKØMM's 1999 call, VKØLD — KF2TI, W3UR, NJDXR

When QSL'ing JT1CO or other Mongolian stations, "put via JAPAN" after the Mongolian address. I'm told that otherwise, the mail is routed thru Russia and likely will never make it. I sent mine with the "via Japan" notation and received a nice photo QSL from JT1CO in about three months or so." — K3AIR

The **YK9A** Syria 2001 DXpedition has departed for Damascus with expected arrival on February 2nd. They hope to have everything set up and running at the Syrian Telecommunication Establishment (STE) site the following morning. They will be QRV on 6 through 160 for 9 days. Note: during the YK9A DXpedition there will be several other DXpeditions going on around the same time. The operators of this team will be very diligent to give their call and listening frequency as often as possible so that the DX audience will know whom they are calling and where they are listening. W3UR will be the US East Coast Pilot Station, along with N6FF & JH3VNC. QSL via K9LA direct or via bureau — W3UR/The Daily DX

Thanks to the NJDXA *DX Reflector*, 425 *DX News*, *OPDX News*, & *ARRL DX Bulletins* for our *DX News* information. Thanks also to W3UR/*The Daily DX* for confirmations & additional information.

Bouvet Island Operating

Tony DePrato WA4JQS/VP8BZL

The South Sandwich Islands DX Group (SSIDXG) has worked for over 5 years to put on a major Dxpedition to Bouvet. N4BQW/3YØC is a member of SSIDXG. We are glad to get anyone on the island. The Ham world should understand that this may very well be the only type of operation that is seen from that island for a very long time.



Photo: Sunset on Bouvet Island, courtesy of the 3YØC web site

I have received landing permission for Bouvet Island but this is not on top of the island where Chuck is. We could land and operate from the rocky beach area just above sea level. It takes a Helicopter to get on top of the ice. This is what the Government will not allow — a large group or a helicopter to disrupt birds.

SSIDXG can not see spending US\$300,000 to land and operate with our backs against the cliff's. Maybe someday, someone will be able to once again go there, but not right now.

Chuck is doing a one man operation and he was just told at the last minute that he would be able to work with the group that was going and operate his ham radio. Chuck has spent many hours keeping the antennas up. Many of the hams who have never been to the Antarctic or Subantarctic can not realize just how hard it is to work there. A 10 minute job that is simple here can take 2 hours of killer work there. I know — I have done it.

Chuck will do his best to give everyone a contact that he can as time will let him. Everyone should be grateful to get a new country contact from Bouvet Island and just keep their fingers crossed to get a new mode contact.

As you know, Ten-Tec has come out with a new rig, the Jupiter (formerly known as the Pegasus FP).

Naturally, their Engineering Department is already hard at work at the next version of the rig.

What you may not have heard is that they had to scrap the prototype and move on to the 3rd version of the rig.

Seems that after the engineers added a "robotic voice" module for audio alerts, all they heard out of the Jupiter II was: "Warning! Warning! Danger, Will Robinson, Danger!"

FCC News

ARRL Web Extra courtesy American Radio Relay League

NEWINGTON, CT, January 23, 2001 — Richard Allen Burton, ex-VB6JAC, was sentenced to three months in jail and one year's probation for unlicensed operation of a radio transmitter. Burton also must undergo psychological treatment.

Burton is scheduled to report to the US Marshal's office on February 26 to begin serving his jail term. He has been free on \$20,000 bond.



Burton has a long history of alleged unlicensed operation, most or all of it on amateur frequencies. He was sentenced January 22nd after agreeing to serve three months for Communications Act violations. Burton was arrested last August 5th following his indictment by a federal grand jury in California. Burton faced six felony counts of violating the Communications Act of 1934. The FCC says he operated without a license on repeaters in Southern California after his license was revoked nearly 20 years ago.

Burton lost his General ticket in 1981 as a result of unspecified violations. The following year, he was convicted on four counts of transmitting without a license and two counts of transmitting "obscene, indecent or profane words, language or meaning." Burton initially was sentenced to serve six months of an eight-year prison term, with the remainder suspended. An Appeals Court later upheld the unlicensed operation conviction but threw out his obscenity conviction. The FCC says that Burton also transmitted without a license while on probation in 1984 and again in 1990 and in 1992. After the second incident, he was fined \$2000 and received a year's probation; after the third, he was sentenced to seven months in jail and another year's probation.

Burton pleaded not guilty at his arraignment. A trial set for last October was postponed while the plea agreement was being worked out.

FCC Chairman William E. Kennard resigned effective January 19. Kennard, a Democrat, said he leaves the office with great pride in the FCC's accomplishments and with deep gratitude for having had an opportunity to serve the American public.

Kennard's resignation was expected once the AOL-Time Warner merger received FCC approval, which happened on January 11. President George W. Bush has named Republican FCC Commissioner Michael Powell, the son of Secretary of State General Colin Powell, to replace Kennard as FCC Chairman.

— from the ARRL Letter and New Reports

FYI Networks

For Your Information needs

FYI Networks, an Internet Service Provider in Pittsburgh and surrounding areas since 1995, is offering all members of WASH their Basic Internet account for only \$18/month. This includes one e-mail box, 3 MB of disk space, web page hosting, Telnet & FTP access, and in some areas Toll-Free 500 Area Code service. Call FYI toll-free at 1-877-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 this special offer available to us for the past three years!

Now in our **SIXTH** year – **Bigger and Better than ever!**



WASHfest 2001

The South Hills Hamfest – Hosted by the Wireless Assn. Of South Hills



Sunday, February 25th, 2001 from 8 AM until 3 PM Rain or Shine (or Snow!)

Hall opens at 6 AM for VENDORS ONLY!!

Castle Shannon VFD Memorial Hall – Rt. 88 in Castle Shannon

Talk-in on the 146.955(-) N3RNX Repeater

New this year...

Forums every hour!

Beginning at 9 AM in Building #2

ARRL Field Checker K3AIR will be on-site to verify your QSL cards for DXCC !!!

VE EXAMS GIVEN at 1 PM

*** Walk-ins accepted - Multiple-choice CW Exams***

Please bring with you TWO forms of ID, at least one with a photo. Also bring a COPY of your existing license (if any) and any CSCEs or other supporting documentation you may have.

General admission is still only \$4.00. XYLs and Harmonics under 12 admitted FREE with an adult.

Tables are \$10.00 each without electricity and \$15.00 with electricity (limited number)

All display areas are accessible to the physically challenged.

Main Prize Drawing:

1st Prize: Icom IC-2800H Dual-Band Mobile

2nd Prize: Icom IC-W32A Dual-Band HT

3rd Prize: Icom IC-2100H 2m Mobile

Main prize drawing tickets are \$2.00 each or 3/\$5.00

Drawing to be held at 2 PM in the main hall.

FREE COFFEE
Courtesy of HAM RADIO
INSURANCE ASSOCIATES
Of Canonsburg
(And DOUGHNUTS
For VENDORS ONLY
6 AM until 8 AM)

For additional information, or to reserve your space, contact Steve Lane, W3SRL at (412)

341-1043 or Bill Hill, W3WH at (724) 746– 2111 or (724) 746-1776

Email: washarc@yahoo.com Website: www.washarc.org

Name: _____ Call Sign: _____

Address: _____ Email: _____

City: _____ State: _____ Zip: _____

Phone: () _____

_____ Tables WITH power @ \$15.00 each = \$ _____

_____ Tables w/o power @ \$10.00 each = \$ _____

Please make all checks payable to
The Wireless Association Of South Hills, Inc.
Send reservations to:
WASH ARC, 897 Lovington Drive,
Pittsburgh, PA 15216-1725.

Any table not occupied by 8:00 AM may be
resold without refund unless prior arrangements
have been made!



WIRELESS ASSOCIATION OF SOUTH HILLS, INC.

Membership Application/Renewal for 2001



I would like to join WASH!. I am interested in the following type of membership: **New Membership** **Membership Renewal**

(check quarter →)
(check none) ↓

1st Qtr **2nd Qtr** **3rd Qtr** **4th Qtr**
Jan-Mar **Apr-Jun** **Jul-Sept** **Oct-Dec**

(F1) Full Membership: \$20.00 \$15.00 \$10.00 \$5.00

(F2) Full Membership < 18 or > 65 yrs of age: \$10.00 \$7.50 \$5.00 \$2.50

(A1) Associate Membership: \$10.00 \$7.50 \$5.00 \$2.50

(FM1) Family Membership (F1 or F2 or A1 dues x 20% x No. of household family members): \$ _____

Name(s): _____

Name: _____

Call Sign: _____

Address: _____

License Class: _____

City, State: _____

Expires On: _____

Home Phone: _____

Work Phone: _____

Email Address: _____

Birthday: _____

New Members Only:

- I do NOT want to be added to the Club E-Mail Reflector
- I do NOT want to be added to the Electronic Newsletter Mailing List
[If you have an Email address, you Will be added to both lists UNLESS you choose to Opt-Out]

ARRL Member? Yes No Family ARRL Member? Yes No

Date: _____

Signature: _____

Amount Enclosed: \$ _____

Please make your check or money order payable to the club treasurer, Mark Stabryla.
The Wireless Association of South Hills, Inc. reserves the right to accept or reject new memberships or renewals.
Please return completed membership form along with check/money order to the club treasurer or mail to:
Wireless Association of South Hills, Inc.
C/O Mark Stabryla N3RDV, VP/Treasurer
1120 McKnight Drive
Bethel Park, PA 15102-2456

Wireless Association of South Hills, Inc.

Order Form for "The TLC Embroidery Company"

Embroidered Shirts and Hats

Quantity	Item/Description	Size	Color	Unit Cost	Net Cost
				Sub-Total	
				6 % Sales Tax	
				Total Enclosed	

Available	Cost (S M L XL)	Cost (2X 3X 4X)	
Golf Shirts	\$20.00	\$22.00	Club logo is not currently available on the hats due to size limitations. Contact TLC Embroidery for more information.
Rugby Shirts	\$20.00	\$20.00	Prices, availability & available colors subject to change without notice.
Light Jackets	tba	tba	
Lined Jackets	tba	tba	Use additional sheet(s) if necessary
Hats	\$10.00	\$10.00	

Make checks payable to "TLC Embroidery"
Mail to: The TLC Embroidery Company
366 Dry Ridge Road
West Alexander, PA 15376

Phone: 724 - 484 - 7703

Inside This Issue:

- WASH 2 Meter Simplex Contest Early Entries (Remember, Deadline is Feb. 8th!)
- Lot's of Good DX Now QRV!
- Join us for Breakfast!
- WASHFest 2001 Announcement!
- Two Old Familiar Names Making a Comeback... well, maybe...

All that and more... waiting for you, right inside these pages...



The N3SH Team from the 2M Simplex Contest! (L-R) WN3VAW, N3XI, N3KFD. Not shown: NM3M.
Photo Courtesy of & ©Copyright 2001 Frank Sanns Jr. N3XI

Guest speaker at our February meeting will be John Getz AD8J, talking about PacketCluster.

John runs & maintains a PacketCluster node which supports Allegheny, Washington and surrounding counties. The Packet Cluster system is used for the purposes of "spotting" DX stations on any band. It is a useful tool for hams looking for that "rare DX". Other internet sites have popped up which perform the same function but it can be less useful... come and find out why.



The WASHRag

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



WASHFest
2001
Sunday
February 25th
CSVFD
Memorial Hall