



Down to the Wire

With less than a week to go (as this newsletter is being assembled), we're getting down to the wire for the N3SH operations for the 2006 Pennsylvania QSO Party. Fortunately, things are under control, but they do get interesting!

Recent Updates: The big change since last month is that Frank KB3FZU and Lori KB3GMU are not going to Erie after all. Instead, they will be QRV as **N3SH McKean County** from a campground that Frank has located.

Mark N3RDV has shifted to **N3SH Allegheny County** and will be operating the RTTY & PSK-31 operations from Allegheny. This means that the Allegheny County op will be from three locations: **SSB & VHF** from N3XI's QTH, **CW** from K3VX, and **Digital** from N3RDV. For obvious reasons, the three locations will coordinate as needed on the 146.955 Repeater, so listen there for any news or updates.

As he mentions in his column, Kevin N3HKQ paid a visit to the **Uniontown ARC** earlier this month. The W3PIE gang is very thrilled that we'll be operating from their clubhouse as **N3SH Fayette County** operation, and have even voted to spend up to \$100 towards food costs! Our thanks, of course, to our hosts, and especially to Tony KA3VOR and George WA3OGQ, who took time out from the W3PIE Gabfest and Butler ARA Hamfest to talk things over with us. UARC has also indicated that they've been getting the HF antennas ready, so things should be waiting for us when we arrive on Friday or Saturday! One thing that Dan KB3HVN and the Fayette crew need is one or two more operators for some or all of the weekend, so if you're looking for a slot to fill, this is the place to go!

N3SH Clarion has added Bob W3RJM as an operator. Bob will be concentrating on PSK-31 from Clarion for the weekend!

Things On Track, or no news is good news: pending last minute changes, everything remains on track for **N3SH Washington County**, **N3SH Butler County**, and **N3SH Mobile**. Mike may still be looking for another op or two for Butler, and as of deadline, we don't know the route that Ed and Dave plan for the mobile operation yet, but that's about it!

A few other housekeeping matters need to be addressed (though not much changed there from last month, either):

1. Operators: We only need a small number of additional operators to ensure that our Primary stations will be QRV at all times; not more than a half-dozen total, probably less. We know that Fayette will get a some operators from the W3PIE gang, and we're expecting a few operators to drop in at the Allegheny and Washington stations, but we don't want to count on anything until it actually happens. If you can't commit for the

(N3SH Pa QSO Party Plans Continued on page 7)

Tower Fund Update — Page 5

Next Meeting: October 12th, 2006

The next monthly meeting of the **WIRELESS ASSOCIATION OF SOUTH HILLS, INC.** will be Thursday, October 12th, at the **Peters Township Library**, 616 East McMurray Road, McMurray, starting at 7:00 PM.

Topics for the night include N3SH / Pa QSO Party planning, the tower trailer, a by-laws change, & nominations for club officers, along with other topics.

Talk-in on the 146.955(-) N3RNX/R and 443.650(+) KB3FZU/R Repeaters (131.8 PL). All members, guests and interested parties invited!

Presidential Words

It's almost here, Pa QSO party weekend. By now everyone who is participating should know what they are doing. However it's not too late to find a spot with one of the groups in Allegheny, Washington, and Fayette counties. Last minute details will be discussed at the October meeting.



That evening will be a good time to find out where you can fit in if you are undecided. If it will help you make your mind up, the Uniontown ARC voted to spend up to \$100 toward food and beverages to feed the Fayette county contingent of **WASH**.

Another thing we will discuss is the tower trailer project. I have taken some time to go over the clubs income and expenses over the last several years. This is necessary because a decision will need to be made about pursuing purchase of the trailer now with the assistance of the club's regular funds as opposed to waiting until the tower trailer fund has enough funds to make the purchase. The risk is that costs are continuing to rise while we raise money. Randy George, N3ZK and Paul Lusardi, NØVLR have laid out the plan for achieving the goal of having a functional tower trailer to use by next Field Day. Club members will need to vote on the club contributing funds out of the general account.

By now, if you are subscribed to the reflector, you know that the AMSAT Board of Directors has voted to

(Presidential Words Continued on page 3)

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

**NCS Schedule
Listed On Page 3**

Want to volunteer to be a Net Control Station? Please contact FM Net Manager Kevin N3HKQ for more information.

**LOOKING
AHEAD:**

- ARRL CW Sweepstakes November 4 & 5
- WACOM Hamfest November 5
- ARRL SSB Sweepstakes November 18 & 19
- CQ WW DX CW November 25 & 26
- ARRL 160 Meter December 1— 3
- ARRL 10 Meter December 9 - 10
- Straight Key Night Dec 31
- 7th Annual WASH 2M Simplex Contest Jan 13
- WASHFest 2007 February 25

October 2006

Sun	Mon	Tue	Wed	Thu	Fri	Sat	
1	2	3	4	5	6	7	
8	9	10	11	12 WASH Meeting	13	14 CA QSO Party	
15 CA QSO Party	16	17	18	19 WASH VE Test	20	21 PA QSO Party	
22 PA QSO Party	23	24	25	26	27	28 JOTA	
29 JOTA	30	31	<div style="border: 1px solid black; padding: 5px; background-color: #FFFFFF;"> <p>Complete Monthly WPA Club Calendar Now Available On-Line at www.n3sh.org</p> </div>				28 WASH Breakfast
29 CQ WPX SSB	30	31					28 CQ WPX SSB

WASH 2006 OFFICERS

EXECUTIVE COMMITTEE:

President Kevin Smith N3HKQ
VP / Secretary Paul Lusardi NØVLR
VP / Treasurer Mark Stabryla N3RDV

AND WE COULDN'T DO IT WITHOUT:

N3SH / WA3SH Trustee	Steve Lane W3SRL
NP2SH Trustee	Paul Jordan NP2JF
N3SH / WA3SH / NP2SH QSL Manager	Ed Oelschlager N3ZNI
VE Team Liaison	Jacqué Gosselin N3ZEL
Webmaster	Randy George N3ZK
Quartermaster	Harold Rosenberger K3HCR
WASH FM Net Manager	Kevin Smith N3HKQ
WASHFest 2007 Committee	Steve Lane W3SRL, Chairman Carol Danko KB3GMN Bill Hill W3WH Kevin Smith N3HKQ
Activities & Operating Events	Larry Comden K3VX Ted Huf W4ZE
Ways & Means	Carol Danko KB3GMN
Mobile Tower Project	Paul Lusardi NØVLR Randy George N3ZK
Pa QSO Party SES Coordinator	Ron Notarius W3WNN

CLUB-AFFILIATED REPEATERS & BEACONS:

Mt. Lebanon	N3RN/R	146.955 MHz (-)	PL 131.8
Mt. Lebanon	W3SRL/R	442.550 MHz (+)	PL 131.8
Canonsburg	KB3FZU/R	Echo Link #26861 (courtesy W3SRL)	
St. Johns, VI	NP2SH/B	443.650 MHz (+)	PL 131.8
		28.276 MHz	

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. 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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The **WIRELESS ASSOCIATION OF SOUTH HILLS, INC.** was founded on August 23rd, 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 N3RN/R Repeater System and the KB3FZU/R Repeater System for permitting the **WIRELESS ASSOCIATION OF SOUTH HILLS, INC.** and it’s members to use their repeaters for club purposes. Special thanks also to our webmaster, Bob Sanford AA3FI, and to Shawn Djernes NØPEU for providing space on-line for back issues of “The WASHRag™” which can be found at www.washarc.org or www.djernes.org/washrag

WASH Amateur Radio Club News Briefs

Next WASH VE Test October 19th

The Next WASH VE exam sessions will be Thursday, October 19th, 2006, 6:30 PM, at the **Peters Township Library**, 616 East McMurray Road, McMurray, PA. Talk-in on the 146.955 MHz and 443.650 MHz repeaters. 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 N3ZEL:

Telephone (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 **\$14.00** (payable to: ARRL VEC)

Future test dates: Thursday, January 18th, 2007
 (tentative) Thursday, April 19th, 2007
 Thursday, July 19th, 2007
 Thursday, October 18th, 2007

The last day of September, with Pa QSO but a few weeks away, brought the latest gathering of the awake and hungry, i.e. **the WASH Breakfast Gang** at **The Beach House** in Finleyville. This brave souls included N3DFK, KB3NAF, K3VX, KB3FNM & Mary Lou, N3HKQ & Peg, W3WH, W3WN, and late arrivals KB3HVN & WB4GCS. Topics of the morning included Pa QSO Party plans (no kidding!), software issues, PSK-31 issues, Dave's odiferous nose, WiFi, Fiber, T-1, hamsticks, docking fees, hard drives, and software... and that's the short list.

There's always plenty of room at the table (and if there isn't, we just drag over another one!), and the coffee is hot and plentiful. So why not stop by and join in the Pa QSO early post-mortem this month? The next club breakfast will be on Saturday, October 28th, 8:00 AM at **The Beach House**, Library Road / Route 88 in Finleyville, just south of Trax Farms and adjacent to Mineral Beach. See you there!

AMSAT Symposium 2007: or, "Gentlemen, Start Your Engines!" At the 2006 AMSAT Board of Directors meeting in San Francisco, the board voted to hold the 2007 Symposium here in Pittsburgh. So, as soon as we have the Pa QSO Party wrapped up, along with our "usual" winter projects of the 2 Meter Contest and **WASHFest**, we have a Symposium to help organize! More to come in the next few weeks!

Preliminary Rules for the 2007 2 Meter Simplex Contest are included. No major changes from last year, although the correct (we hope!) 147 MHz simplex channel frequencies are shown!

2007 Officer Election Nominations are due this meeting... time flies when you're having fun! If you'd like to run for office, or know someone who you think would make a good club officer, the next meeting is the time to bring that up!

The Club Website continues to undergo changes and upgrades. If you haven't checked out Randy's work lately, go take a look at www.n3sh.org — you'll be pleasantly surprised! So what do we need? Content! More content! We have the room, we have the ability, let's use it! Pictures, articles, whatever — contact Randy for more information, or email content@n3sh.org

Congratulations to Bill Hill W3WH for finally joining the Breezeshooters on October 9th. (What took you so long? You could have collected your 10 Breezeshooters numbers on CW...)

(Presidential Words Continued from page 1)

hold the 2007 AMSAT Space Symposium in Pittsburgh. Of course there are many details that **WASH** will need to see to and we will begin right after the PA QSO party. This should be fun for our club and the area, so stay tuned!

Finally, as if we don't have enough to talk about, October's meeting is the one where nominations for President and Secretary will be taken. As I have said before, I want to sit in the audience at club meeting in 2007. So give some thought about who you would like to lead the club in 2007. Maybe even you!

— 73, Kevin Smith N3HKQ, President
 Wireless Association of South Hills, Inc.

WASHNet 2006 NCS Schedule

10/01	Carol KB3GMN or Richey N3SBF	11/26	Harold K3HCR
10/08	Michael KB3HFP	12/03	Carol KB3GMN or Richey N3SBF
10/15	Hank KB3FNM	12/10	Michael KB3HFP
10/22	Paul NØVLR	12/17	Hank KB3FNM
10/29	Frank KB3FZU	12/24	Paul NØVLR
11/05	Dave N3DFK	12/31	Frank KB3FZU
11/12	Bill W3WH	Alternates	— Dave N3IDH
11/19	Kevin N3HKQ		— Ron WN3VAW

(Eagle Continued on page 7)

Jamboree On The Air (JOTA) -- a nearly 50-year-old tradition -- provides an opportunity to showcase Amateur Radio for Boy and Girl Scouts and Guides, Cub Scouts and Brownies around the world, some of whom will be part of the next generation of radio amateurs. JOTA takes place this year over the October 21-22 weekend. JOTA founder Les Mitchell, G3BHK, said in 2000 that he never imagined when he drew up the plans and rules for the first JOTA in 1958 that its popularity would increase and spread around the world.

Join WASH or Renew your Membership for 2006 Today! Membership Application on Page 9!

Minutes, September 14th Meeting

Paul Lusardi NØVLR, Vice President/Secretary, WASH

Moment of silence for recently departed silent keys.

Introductions

Committee Reports

Treasurer – Mark Stabryla, N3RDV – Read and Accepted

Secretary – Paul, NØVLR – None

Tower Trailer committee report - Randy N3ZK

- Recap of \$\$ raised to date & goal.
- Status (what has been located and how much does it cost).
- 420 pounds, Galvanized, Shipped \$2,630, Full tilt-over, capability; KB3HVN says he can store it
- Motion by Ted W4ZE to wait on the purchase, second by N3IDH, approved after further discussion
- How long is quote good? – 90 days
- Tabled for a maximum of one month to make a decision on the purchase
- History of hamfest costs and expenses, due at November meeting
- N3ZK is bearing the weight of the costs, efforts
- Other fundraising possibilities:
 - Pins for bonus station - \$225 investment \$3.75 each raw cost – sell for \$6
 - Golf shirt \$6/11/16 sell for \$10/15/20 name and call signs, heat press
 - Wooden plaques also a possibility
 - Motion that we order the pins, if interest is warranted, motion carries, need to promote it

VE – Jacque, N3ZEL – VEC session October 19

QSL manager – Ed, N3ZNI – 2 bags of cards came in 5160 contacts thus far for various club operations

Website – N3HKQ/N3ZK: Outstanding! Need to add ARISS contact videos. Send content to content@n3sh.org. Randy is looking into moving to a new host

Repeaters, APRS Digipeater, & NP2SH beacon – Pete, N3RNK/Steve, W3SRL/Frank, KB3FZU: Electric bill for KB3FZU/R presented. Website shows repeater status. Scenery Hill site is down, Frank hopes to get to it soon.

Club FM Net – Kevin, N3HKQ: Participation is poor –can we schedule an automatic meeting notice?

Public Service – Mark, N3RDV/Dave, N3IDH: Great Race 9/24, OH regatta 10/7 Brian, N3NSG. N3IDH – glad to see new faces at public service events

Contests – Ted, W4ZE - nothing

Activities – Larry K3VX: November ARRL sweepstakes

Quartermaster – Harold, K3HCR

Newsletter & PA QSO Party Bonus Station Status – Ron, W3WN:

- 7 counties covered plus the mobile rover
- Concerned with # of people , need 3-4 people in Fayette, 1-2 in K3VX site, 2 people needed at Ted's
- Other clubs are welcome
- More detail in newsletter, web site, and reflector
- Fundraising: certificate available
- Gas money for N3SH mobile station – Ron, W3WN motioned and Randy N3ZK seconded it, motion carried.
- Station captains to meet to go over small details.

Ways and Means – Carol, KB3GMN 50/50: Summer picnic cancelled. Carol discussed situation and assessed interest in the Christmas/Holiday party

President – Kevin, N3HKQ:

Update about October 2007 AMSAT Symposium proposal. Need to make a proposal to AMSAT by 2006 Annual meeting in October.

Nominations for President and VP/Secretary in October; election in November Motion to update By-laws presented by Ron W3WN, seconded by Dick N3QMV

(Meeting Minutes Continued on page 8)

WASH Spotlight: WB4GCS



On the National spotlight actually, this month:

AMSAT Eagle Project Manager Jim Sanford WB4GCS, at the AMSAT-NA Space Symposium on October 7th.

The complete article (excerpted herein) can be found at www.arrl.org/news/stories/2006/10/09/100/?nc=1

(No wonder we can never get this guy to run for a club office!)

Photo courtesy of and ©Copyright 2006 The Radio Amateur Satellite Corporation (AMSAT-NA)

Every month we're going to feature a **WASH** club member, something about them, something they're involved in or a club-related activity that we're involved in, in the **WASH Spotlight**. Submissions for the Spotlight should be sent to Ron WN3VAW at editor@n3sh.org

Monthly WASH Breakfast

Please join us for the next **WASH** Breakfast! We usually get together on the LAST Saturday of every month for a chance to informally sit down, shoot the breeze, compare notes, drink lots of coffee, and just have a good time!



Join us this month at **The Beach House**, on Route 88 in Fiinleyville, just south of Trax Farms and adjacent to Mineral Beach. Start time is about 8 AM until ????? Monitor 146.955 & 443.650 for talk-in or any last minute changes.

All are welcome, **WASH** members or not, amateurs or not!

Wireless Association of South Hills Membership

2006	NØVLR	W3LE	KA3NMG	WASH /MM	Silent
K3EED	NØWPV	W3RJM	KA3TWI	KA3UPY	Keys
(Cindy)	N2QIV	W3RWS	KB3DCO		
K3HCR	N3AWF	W3SRL	KB3EPI	WASH GA	
K3LGM	N3CZZ	W3VFA	KB3GUZ	K3OL	K3EED
K3SGT	N3DFK	W3WH	KB3IAC	KB3IJX	(George)
K3VX	N3HKQ	W3WN	KB3IRQ		
K3WJL	N3IDH	W4ZE	KB3IVV	WASH NE	KB3ENX
KB3FNM	N3KFD	W8LEV	KB3LIX	NØPEU	KB3FQT
KB3FZU	N3QMV	WA3JPP	KE8RN		N3FZ
KB3GMN	N3OVO	WA3RVD	NØPEU	WASH NY	N3KEH
KB3GMP	N3RDV	WA3WMB	N3BSQ	KE3XB	N3OBD
KB3GMU	N3RHT	WA3YFQ	N3PN	N3YPB	N3SKR
KB3HVN	N3SBF	WB4GCS	N3RNK	WASH OH	N3SRC
KB3KOT	N3UE	W03Z	N3TBK	N8DPW	N3XFE
KB3MQC	N3XI		N3VEH	WASH TX	W3ZLK
KB3MRT	N3ZEL		N3ZCG	K3LGM	
KB3NAF	N3ZK	2005	W3GEL		
KB3NSG	N3ZNI	K3JDS	W3HND	WASH VI	
KB3NVL		K3PCF	W3JAF	NP2JF	
KB3NVM					
KC4WTT					
KE7FD					

Through September 1st, 2006

List compiled by

Mark Stabryla N3RDV, Vice President/Treasurer

Tower Trailer Project Status Report

Where we stand: For the last 16 month, Randy N3ZK and Paul NØVLR have spearheaded the club's efforts to raise money towards an Emergency Tower Trailer. This project will culminate in the club's purchase and operation of an emergency-use trailer mounted crank-up tower that can easily be taken to club events and emergency communications situations as the needs arise.

The project has three phases:

- Phase I: Acquire the tower
- Phase II: Acquire the trailer
- Phase III: Acquire the mobile antennas

We are presently nearing the end of Phase I.

As the project evolves, things change – hopefully for the better. Randy N3ZK recently made contact with Tashjian Towers, of Sanger, CA, who took over the assets of the former manufacturer of Tri-Ex towers. Tashjian Towers is offering a 33 foot light weight aluminum tower, with hardware to raise & lower the tower and mounting brackets, for considerably less than our previous bidder, both in terms of the actual cost and shipping costs. (For more information on this tower, see http://www.tashtowers.com/pdf/MW33_info.pdf. For more information on Tashjian Towers, see <http://www.tashtowers.com>.)

As an additional bonus, this tower can easily be mounted on a heavy duty trailer (similar to the utility trailers that can be bought at most hardware stores) without requiring major modifications, as may have occurred with a boat trailer that would need to be modified. The price of the tower that we're looking at includes all mounting hardware and additional hardware to safely raise and lower the tower.

The Holdup right now is primarily financial. In terms of money raised from donations and plaque sales and other sources, is roughly \$400 – 500 shy of the amount we need to go ahead and purchase the tower today. (The exact numbers will be discussed at the next club meeting; *WASH* policy is to not print specific financial details in the newsletter). The numbers currently indicate actual funds deposited in the bank and do not include funds promised or pledged. If and when the promised funds come through, we will be that much closer.

It would only be fair to note that most of the on-hand funds are a direct result of fundraising efforts by Paul and especially Randy. Very little of the money for this project has come directly from the club treasury, or as a result of direct donations of club members, even though the club will benefit significantly from the culmination of this project.

The Concern: While the club does have enough funds in the treasury today to make up the difference, legitimate concerns have been raised that if we do so, we risk not having enough capital on-hand to fund the upcoming *WASHFest 2007*, along with other routine club expenses (such as the Christmas/Holiday party) that are upcoming. There are also concerns that if we have enough to "just scrape by" and we don't have a successful hamfest – which hasn't happened yet, but there always could be a first time – the club will be in financial straits next year. Of course, there is always a risk of these things happening whenever the club makes a "major" or "capital" expenditure along these lines, be it the tower trailer, an antenna, band pass filters, or whatever.

On the other hand, while the costs of transportation have dropped in recent weeks, they could turn around and rise again on a moment's notice. And the price of aluminum doesn't seem to be going down at all. So if we wait too long to purchase the tower, we could be spending a significantly larger amount of funds.

What can you do? The time has come to ask all club members to step up and help. We figure that if every active club member donates an average of \$10 – about a half tank of gas for most of us – we'll have enough to cover the difference between funds already raised and funds needed. If every club member (including the less active ones) donates an average of \$5 – an average fast-food lunch "meal deal" – again, we'll have enough.

How you can help: There are several ways you can help finish Phase I right now:

- Renew your dues for 2007, and include an extra few dollars towards the tower (just leave a note to Mark telling him how to apply the extra funds).
- Purchase a wooden call plaque or two from Randy. They can now be ordered online at the new club web site, www.n3sh.org. (Don't need one yourself? They make great birthday, anniversary, and Christmas gifts!)
- Make a direct donation via PayPal at the club web site
- Drop a check in the mail, or bring one with you to the next club meeting, specifically marked as tower trailer donation

We have had a significant amount of money donated by several generous corporations. Paul and especially Randy have worked very hard to raise these funds. Now the time has come to show that we as a group support this effort too. As a group, we need to "put our money where our mouths are," and show our support for the project and for the people who've worked very hard to date to get it this far. If you agree, don't put it off another moment. Please do your part to help out!

Tower photos courtesy of and ©Copyright 2005, 2006 Tashjian Towers

Last Minute Update: Randy N3ZK will have the up-to-date numbers on the project at the October meeting. Indications are that he has very good news... but we still need to see this project through to the end! Your help is still needed, because as soon as Phase I is completed, Phase II starts!



Announcing the Seventh Annual WASH 2 Meter Simplex Contest

This January will mark the Seventh Annual **WASH** 2 Meter Contest. We've already had a lot of interest in it, and this year promises to be even more exciting!

Remember: In response to input from our participants, and in view of the growing popularity of radios like the Ten-Tec 6N2, IC-706 & FT-100, the contest will NOT only be an FM contest but also open to SSB, and CW! (Digital? Maybe next year!)

Everyone who participated in it the last four years had a blast, and we hope to continue the tradition again this year!

There may be some additional "tweaking" of the rules between now and January, so keep an eye on this column in the next few newsletters, and we'll look forward to seeing you on the 13th!

Date & Times: Saturday, January 13th, 2007 from 7 to 11 PM EST. (That's January 14th 0000-0400 UTC to the purists!)

Objectives:

- To make as many contacts as possible
- To have fun!

Band, Mode & Frequencies: The contest will take place solely on 2 meter band.

- **FM** : FM simplex only, no repeater contacts. The FM frequencies are all standard 2 Meter simplex frequencies, as per the ARRL 2 Meter Band Plan, every **15 kHz**, from **146.535 to 146.595 MHz**, and **147.520 to 147.580 MHz**. The National Simplex Frequency, 146.520 is **not** to be used. Use of simplex frequencies in the "FM Experimental Simplex" band of 145.510 to 145.670 are not recommended. See list of recommended simplex channels at the end of the rules.
- **CW**: 144.05 to 144.1 MHz Only. (See ARRL 2 Meter band plan)
- **SSB**: 144.2 to 144.275 MHz Only. (See ARRL 2 Meter band plan)

*Note: Listen for CW QSO's around 144.1 MHz 15 minutes after the hour
Listen for SSB QSO's around 144.2 MHz 30 minutes after the hour*

In the event of accidental QRM with nets and non-contest QSO's in progress, please respect their right to the frequency and QSY.

Power Limit: Maximum 50 watts output. No external amplifiers.

Exchange : Callsign, contact number, ZIP Code, and whether or not you are a Member of **WASH** or a Club Station.

For the purposes of the contest, the 5 Digit ZIP Code for your location is sufficient — do not use the "Zip +4" code. Mobiles and portables should use the ZIP code of their location as determined to the best of their ability. Canadian stations will use their 6 digit postal code

Example 1: "N3ZCG from N3 ZEL, please copy Number 3, 15347, Member."

Example 2: "K3VX from K3CM, please copy Number 21, 16801, Non-Member"

Example 3: "W3WH from W3OC, please copy Number 7, 15137, Club Station"

Contacts : Work as many different calls and locations as possible, giving Exchange as noted above. Work each station **once** per mode, and **once** per ZIP Code — Mobiles can be reworked whenever they change locations. Remember hilltops work best!

Disqualification: Remember, this is a friendly "for fun" contest. Stations may be disqualified for infractions of the rules and for unacceptable operating practices. While not an inclusive list, stations may be disqualified for:

- FM signals transmitted on simplex channels 146.52 MHz and below.
- Intentional interference to non-contesters, established nets, and QSO's
- Intentional interference to other contest operators
- The contest committee reserves the right to verify QSO's. QSO's that can not be verified may be removed from the log without penalty, especially if the committee is unable to obtain log information for verification.

Scoring: Each Contact, non-**WASH** Member: 1 point
WASH Member: 2 points
 (*) Club Stations: 3 Points

Multipliers: Number of different ZIP Codes
Power: Stations running 10 watts or less: 2
 Stations running over 10 watts: 1

Final Score: Total Points x Locations x Power

(*) "**Club Stations**" for the purposes of the contest are those calls assigned by the FCC or Industry Canada or equivalent to **bona-fide** Amateur Radio Clubs. They include **N3SH, WA3SH, NP2SH, WA3COM, W3KWH, N3GC, W3PIE, K3CR, W3YA, K3HKK, W3YI, W3VC, W3PGH, W3EXW, K3MJW, NY3EC, W1AW**, etc. The call **MUST** be assigned as a Club Call to be eligible. [In other words, you can't just claim to be a "club" and pick a call, or use the call of a club member; the call must be assigned as a club call]

After the Contest: Fill out all the log information. In the upper left corner check whether "base" or "mobile." In the upper right corner be sure to enter your callsign and club affiliation (or "none" if not a member of any club). Please number all log sheets consecutively. Log sheets can be downloaded from the **WASH** web site, www.n3sh.org, no later than January 1st.

Submit Log Sheets: Check your log sheets carefully for dupes. Verify that all information is entered.

Send the logs to: WASH 2 Meter Simplex Contest
 c/o Ron Notarius W3WN
 3395 Rosewood Drive
 Pittsburgh, PA 15234-2546

Enclose a SASE #10 for return of results.
 Entry Deadline: February 7th, 2007

Each log submitted with SASE on or before the deadline will receive a raffle ticket to **WASHFest 2007** on February 25th

Recommended FM Simplex Frequencies:

After the first year of the contest, we found that the limited number of frequencies suggested in the rules were insufficient for the activity level. In subsequent years, we permitted use of any recognized simplex frequency, as per the ARRL recommended guidelines published in the annual ARRL Repeater Directory and other sources, above 146.520 MHz.

You will note that many of these frequencies are listed as potential dual use, with a "local option" for them to be used for repeater inputs and outputs.

We have been notified that the Western Pennsylvania Repeater Council (WPRC) has issued their own "local" band plan for the 2 meter band, and has elected to withdraw most or all of these dual-use or optional-use frequencies in favor of their being assigned to FM repeaters, primarily those on 1 MHz splits. Although we have not heard of interference problems with any repeater (with ONE exception – the contest participant was notified of interference and immediately moved), good amateur practice requires us to take note of the situation and the potential for interference problems in some parts of Western Pennsylvania where these repeaters exist.

The following list of recommended frequencies are recognized as standard simplex channels and should not suffer from co-channel problems with any existing repeaters:

146.535 MHz	147.525 MHz
146.550 MHz	147.540 MHz
146.565 MHz	147.555 MHz
146.580 MHz	147.570 MHz
146.595 MHz	

The National Simplex Frequency, 146.520, may not be used. To avoid interference to other contestants and other users of the bands, please do not operate on 5 or 10 kHz "offsets" from these recognized FM channels.

To be clear, we have no objection to contest participants operating on additional recognized FM "optional" simplex frequencies above 146.520 MHz. Participants who do so run the risk of potential interference with repeaters sharing these frequencies, and therefore do so at their own risk. Again, as per the rules of the contest, if you operate on these frequencies and are notified of actual interference, please exercise good amateur practice and QSY.

We also recognize that the WPRC may continue to be less than happy with this stance. We point out to them that the amateur spectrum is a shared resource. And frankly, if push came to shove, the legality of their "withdrawing" of the frequencies from use by the general amateur population of WPA might be an interesting question before the FCC. (To say nothing of the fact that this change in band plan is probably something most WPA amateurs are unaware of, but that's another story).

Bottom line: Enjoy the contest, but do so responsibly.

Pa QSO 2006: Down to the Wire Continued from Page 1

whole weekend – that's fine! Even if you only have a few hours on Saturday or Sunday – or have never operated a contest and aren't sure – or you want to operate from one team for awhile and another for another while – that's fine! We can work it out, but we have to start hearing from you so that there are no surprises! And remember, the list at the end of this article is not cast in stone, so we will be flexible enough to accommodate changes. In short: If you're sitting on the fence, now is the time to pick a team!

- The Team Captains had a telephone conference call, and frankly, we left the issue of software to use somewhat up in the air. That is, each station will use whatever software that the team is comfortable with, and we'll figure out how to merge up the logs for QSL and certificate purposes after the fact. Frankly, no one package will really work for all stations. Some don't handle the digital modes, some don't handle mobiles and rovers correctly, some don't network well or work well with a multi-transmitter setup. In other words, no one package is a "size fits all" application. But as long as we can log everyone correctly, the rest can be straightened out later.
- Speaking of logging, be aware that some contesters aren't going to pick up right away what we're doing (even though W3UU did something similar a few years ago). So make sure you ID WITH your county designator — like "N3SH Clarion" voice, "N3SH/VEN" CW. If someone complains that their software doesn't know how to handle the multiple bonus stations, suggest (quickly!) that they log us as a "rover" or "mobile" to get around the software issue — but don't dwell on the fact, work them and move on, as we WILL be popular!
- If you haven't already done so, NOW is the time to talk to your Team Captain to coordinate scheduling, directions, and if necessary, food and lodging concerns.
- The three "primaries" — the three Allegheny sites, Washington, and Fayette — and the Butler op will use 146.955 to talk to each other. McKean, Clarion and Venango will probably be too far away for 2 meter communication (although Randy will try to get a beam up), and of course, the mobile guys probably will be most of the time. Since Internet capability won't exist at many of these sites, we'll just have to relay information when we can as we come across each other in the contest.
- Dan KB3HVN has come up with a shirt design from the N3SH operators. It will be made available to all. Dan has also come up with a design for commemorative pin (think of the Field Day pins) for both operators and for those contacting N3SH — and he will be able to personalize them. Funds generated from the sales of these items will go towards the Tower Trailer fund.
- And — in addition to a QSL card (QSL N3SH via N3ZNI, as always), we will offer a certificate to those contacting multiple N3SH locations for a nominal cost to cover printing and postage. A sample certificate is now visible on the club web site, although it will show up-to-date station rosters, pictures, and such in the final version.
- And finally, don't forget to HAVE FUN during the event. You don't have to be a big-time contesteer to jump in and have a ball. Remember that even with all of the N3SH stations that will be QRV, we will be sought after, so, contacts won't be hard to come by! So plan on sitting back and having a blast in the best state QSO party in the country!

— 73, Ron Notarius W3WN, N3SH Special Event Station Coordinator

(Eagle Continued from page 3)

available an affordable ground segment for the ACP. Sanford said AMSAT is conscious of the need for affordability. "We're working hard to meet the needs of the working ham," he said.

Sanford concluded his presentation by saying it's time to take the AMSAT board's concrete decisions and plan, schedule and build Eagle. "We're about to start spending some serious money," he said. During a later question-and-answer session, Sanford stressed that reliability of the ultimate Eagle satellite is a key goal. "I want no single-failure mission kills on this satellite."

Project Eagle still needs to raise \$33,500 by December, "and we're going to need more in the years coming." Eagle could launch by 2010. The whole project will cost some \$600,000.

— excerpted from article courtesy of the American Radio Relay League at www.arrl.org

N3SH Team Members as of October 1 (subject to change)

See <http://www.n3sh.org> for latest changes and developments

N3SH Allegheny – SSB & VHF Station

Frank Sanns N3XI, Captain
Terry Mealy KB3NSG
Don Merz N3RHT (Sunday AM)
Ron Telek W3LE (& Son)
Ron Notarius W3WN

N3SH Allegheny – CW Station

Larry Comden K3VX, Captain
Bill Hill W3WH

N3SH Allegheny – Digital Station

Mark Stabryla, N3RDV, Captain

N3SH Washington

Ted Huf W4ZE, Captain
Dave Demotte N3IDH
Jim Tommasin WO3Z

N3SH Fayette

Dan McCann KB3HVN, Captain
Kevin Smith N3HKQ
Dave Kitzinger N3DFK
Hank Marzina KB3FNM
Bert Sesler WA3WAW (tentative)

N3SH Clarion

Carol Danko KB3GMN, Captain
Rich Danko N3SBF
Bob Mc Closkey W3RJM

N3SH Butler

Mike Lazaroff K3AIR, Captain

N3SH McKean

Frank Bobro KB3FZU, Captain
Lori Bobro KB3GMU

N3SH Venango

Randy George N3ZK, Captain
Kevin DeRose N3KFD
Paul Rupnik KB3KOT

N3SH/M Mobile

Ed Oelschlager N3ZNI, Captain
Dave Wagner K3LGM

WACOM Hamfest

Washington County Fairgrounds, Washington, PA Sunday, November 5th 2006, 8:00 AM to 1:00 PM

Doors open for Vendor Setup at 6:00 AM

First Prize: Yaesu FT-857D

Second Prize: Yaesu FT-7800

Third Prize: Yaesu FT-60

VE Exams at 11:00 AM — DXCC Card Checking — Door Prizes — YL Prizes

Breakfast & Lunch by Jack's Catering — Free Coffee all day courtesy of Ham Radio Insurance Associates

For More Information contact Ed Oelschlager N3ZNI at n3zni@arrl.net or (724) 746-9235 www.wacomarc.org

Motion to Update By-Laws

Ron Notarius W3WN

The following Motion was submitted to the Club Secretary at the September club meeting by Ron W3WN, as per Section VIII of the By-Laws. Motion to make this change was made during New Business by Ron W3WN, seconded by Dick N3QMV, and automatically tabled until the October meeting for discussion.

Motion: To Amend The Text of WASH Club By-Law I.C. (Section 1 Paragraph C)

From:

I.C. Club addresses

“The corporate address shall be 133 Sleepy Hollow Road, Pittsburgh, PA 15216-1727. The club shall also maintain a USPS Post Office Box accessible to two of the club officers.”

To:

I.C. Club addresses

1. Corporate Address: The corporate address shall be the home address of the sitting club Vice President/Secretary. All correspondence sent to the club except as noted below should be sent to the address.
2. When the office of club Vice President/Secretary is vacant, the home address of the sitting Club President shall be the corporate address until the office is filled.
3. FCC Address: For purposes of receiving mail correspondence from the Federal Communications Commission in accordance with the Club Licenses, the club's registered address with the FCC for each call sign shall be the home address of the Trustee for that call sign.
4. QSL Address: For purposes of receiving QSL requests from other amateurs, our QSL address shall be that of the home address of the sitting QSL Manager appointed for each call sign. In the absence of a QSL Manager for a particular station, the home address of the Trustee for that call sign shall be used.
5. Newsletter address: The address for the recognized club newsletter shall be the home address of the sitting Newsletter Editor.

Reasoning: The club's legal (ie corporate) address currently shown in the by-laws is the former address of Steve Lane W3SRL. Since he no longer lives at that address, has not for several years, and no longer has mail from that address forwarded to his home (unless either his neighbor or postal carrier are kind enough to walk it over), we need to change it. Rather than go through the process of amending the by-laws every two years, the proposed language should be flexible enough to accommodate officer changes.

In addition, since we have not used the PO Box for quite some time, it is proposed that language referring to that be dropped. Specific language about correspondence from the FCC regarding our licenses, our QSL practices, and our newsletter has been proposed instead.

Whither Wake Island KH9?

Typhoon Ioke, a Category 5 storm, is reported to have inflicted moderate to severe damage to 70% of the buildings on KH9 Wake Island, following a direct hit in August. K7ZZ has cancelled his October Dxpediton to Wake, and word is that the US Air Force is considering abandoning the island rather than continuing to maintain it

— courtesy of *The Daily DX* via the ARRL Web Site

(Meeting Minutes Continued from page 4)

and automatically tabled until next month

Old Business : Voted and approved to cover expenses

New Business: None

Good of the order: Show and tell by W8LEV and NØVLR after the meeting

Motion to Adjourn approved by all

DX News Briefs



The Microlite Penguins DXpedition team is now active from **Raoul Island** in the **Kermadecs** using the callsign **ZL8R**. Activity will last for about 8 or 9 days (until roughly October 18th or 19th), and will cover as many bands and modes as possible, including 6 meters. QSL manager is VE3XN — Microlite Penguins DXpedition Team

VE3HO has relinquished QSL handling responsibilities for **PT5A**, **PX5E**, and **ZX5J**. QSL manager for these calls is now AI4U. Garth reports that there are about 2000 QSL's in the pipeline being redirected — VE3EXY

ST2A is the new call of T98A/T94FC. Jovica had been operating as **STØRM** until the license expired. He continues to operate mostly CW, some SSB, RTTY & PSK-31 on all bands, and “will do his best to be active on 160 meters during the coming winter season.” Log searches are available at www.t93y.com/st2a. QSL via T93Y. [Editor's note: Don't forget to include “US” or “USA” on SAE's sent to Boris!] — T93Y

9Q1D is SM5DIC, finally licensed by the PTT in DR Congo since 22 September. QSL via SM5BFJ — SM5DQC

Bureau QSL Card Problems: A box from the Dutch QSL Bureau containing cards from ON and PA stations (the Dutch and Belgian bureaus have recently combined their shipments to save postage), which had been mailed on 25 March finally arrived here at the current Third Call Area Bureau post office box. It had detoured through the old Third Call Area Bureau post office in Pennsylvania. We have a forwarding order on file there so the box did eventually make it here to the correct address. Bureau managers are supposed to consult the updated list of IARU Bureau addresses at <http://www.iaru.org/iaruqsl.html> regularly, but some do not.

The box as received was taped over and banded in such a way that it appeared the box had initially contained more volume than it did when we got it. Upon opening the box we found cards arrayed in a slapdash manner intermixed with a bunch of CD's and broken CD covers. The total number of cards in the box when we got it was almost exactly 400 cards. Normally the PA-ON bureau shipments number just over 1000 cards each, so we estimate that up to 600 QSLs have gone missing. Those that remained were in good condition. The CD's had no relation to bureau business and obviously had come originally from a different box. They are being returned to the USPS.

In this day and age when packages arriving from overseas are checked for security reasons by often overworked personnel, this sort of thing will happen every now and then — K3ZO, Manager, NCDXA/ARRL Third Call Area Incoming QSL Bureau

QSL cards for WRTC 2006 are printed & ready to be mailed. Check <http://www.wrtc2006.com/release70.html> for up to date information from QSL Manager PP5VB — PY5EG

QSL Routes

3D2AV via 6K2AVL – W2IRT
 4L2M via K3PD – K3WI
 4O3ES via DK4ES – K3WI
 4X4BL via WA2KNC – W2IRT
 4U5ØUN via HB9BOU – W3UR
 4W5EB via CT1EEB – CT1EEB
 6W2SC via HA3AUI – W9OL
 8R1ZUM via K7ZUM – KE3D
 9A15ØNT via 9A6AA – K3WI
 9G1UW via DL8UP – K3WI
 9G5A via UY5ZZ – DE1DXX
 9G5UR via UY5ZZ – K1SEZ
 9Q1D via SM5BFJ – SM5DQC
 AX3MCG via VK3WI – K3WI
 C56W via DK2WV – WA3FRP
 C6DX via W8GEX – DE1DXX
 C91HQ via K5LBU – K3WI
 ER5WU via W3HNC – W3HNC
 FW8AA via JA8UWT – JJ1BDX
 J5UPA via HA3AUI – W9OL

KHØHQ via DU1KGG – K3WI
 KH8SI via JA1BK – KE3D
 LZØA via LZ1KDP – W2IRT
 OJØLA via LA9VDA – K3WI
 OO5P via ON5GY – W2IRT
 OX3LX via OZ1PIF – DE1DXX
 OX3PG via WAØSMQ – NN3W
 OY/PAØM via PAØVHA – W2IRT
 PT5A via AI4U – VE3EXY
 PX5E via AI4U – VE3EXY
 R75ØFM via RA2FM – DE1DXX
 ST2A via T93Y – T93Y
 T33T (1990) via OH3GZ – WD4ELG
 TZ6DEL via EA4UFE – W2IRT
 VI9NI via VK4FW – KE3D
 VP8DIZ via G7KMZ – DE1DXX
 VU4/VU3RYC via DK5WL – W2AY
 YU6AO via YZ1EW – K9RT
 ZM8CW via ZL1AMO – NN3W
 ZX5J via AI4U – VE3EXY

Thanks to the NJDXA *DX News* & *DX Chat* Reflectors, the *DX-QSL* Reflector, 425 *DX News*, *OPDX News*, *Diamond DX Club News*, *ICPO Bulletin*, & *ARRL DX Bulletin* for our *DX News* information. Thanks also to Bill Moore NC1L / ARRL DXCC Desk, & Bernie McClenny W3UR / *The Daily DX* for confirmations & additional information.



WASH Classifieds

Information shown here is as supplied to the **WASHRag**. Condition as stated, and all sales should be considered "as-is" unless otherwise noted. All subject to prior sale or withdrawal from sale at the owner's discretion. All responsibility for this information lies with the source and not the **WASHRag** or the **WIRELESS ASSOCIATION OF SOUTH HILLS, INC.**

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Host for the new **WASHRag** archive website www.washrag.info

FCC News

ARRL Web Extra & ARRL Letter, courtesy of the American Radio Relay League

Newington, CT, October 2nd, 2006 — The FCC has fined Love's Travel Stops & Country Stores Inc of Oklahoma City, Oklahoma, \$25,000 for violating the Communications Act of 1934, as amended, by offering for sale non-certified Citizens Band (CB) transceivers. The *Forfeiture Order (NoF)* released September 29 recounts a history of alleged violations dating back to 2001, when the Commission issued the first of seven citations to Love's for marketing non-certified CB transceivers. All CB transmitting equipment must first receive FCC certification before it can be marketed or sold in the US.

"Based on the evidence before us, we find that Love's willfully and repeatedly violated Section 302(b) of the Act and Section 2.803(a) of the rules by offering for sale non-certified CB transmitters on three instances -- two on February 23, 2005, and one on February 25, 2005," said the *NoF*, signed by the FCC Enforcement Bureau's South Central Region Director Dennis P. Carlton. The FCC said that between March 2004 through January 2005, Enforcement Bureau field agents, following up on complaints, visited 10 Love's retail outlets in Oklahoma, Texas, Arizona and California. "At these locations, the stores displayed and offered for sale various models of non-certified CB transceivers marketed as ARS [Amateur Radio Service] transmitters," the FCC noted in its *NoF*.

Love's replied to a *Notice of Apparent Liability* in the case -- issued last February -- but the FCC indicated the firm's response did not convince the Commission to alter the penalty.

According to the *NoF*, Love's attorney had contended that because the radios in question were marketed as Amateur Radio equipment and "as sold" operate only on the amateur bands, the transceivers fell under the FCC's Part 97 Amateur Radio Service rules. The FCC pointed out, however, that its Office of Engineering and Technology (OET) had specifically tested the two Galaxy models in question (DX99V and DX33HML) and found both to be "dual-use" Amateur Radio and CB transmitters.

"Each of the models could be modified to allow transmit capabilities on CB frequencies," the FCC said in the *NoF*. In 1999, the OET clarified that ARS transceivers that have "a built-in capability to operate on CB frequencies and can easily be altered to activate that capability, such as by moving or removing a jumper plug or cutting a single wire" fall under the FCC's definition of a CB transmitter.

"We conclude that seven citations were more than sufficient to provide Love's actual notice that marketing this equipment is unlawful and that continued violations could make Love's liable for severe sanctions," the FCC said.

The Love's case was reminiscent of other FCC enforcement proceedings, including one against Pilot Travel Centers LLC that could have cost the company \$125,000 in fines. That case, which also involved alleged marketing of uncertified CB transceivers labeled as Amateur Radio gear, ended last May with a consent decree. While Pilot agreed to make "a voluntary contribution" of \$90,000 to the US Treasury "without further protest or recourse," it did not admit any wrongdoing in that proceeding.

In June, the FCC affirmed a \$7000 fine on TravelCenters of America in Troutdale, Oregon, for marketing uncertified CB transceivers as 10-meter Amateur Radio transceivers. The FCC turned away TravelCenters' argument that the transceivers in question were not CB transceivers, which require FCC certification, but Amateur Radio transceivers, which do not.

The Pilot and TravelCenters cases also involved the marketing and sale of certain models of Galaxy transceivers.

The FCC has formally launched its new Public Safety and Homeland Security Bureau (PSHSB). "The events of September 11, 2001, and last year's hurricane season underscored America's dependence on an effective national telecommunications infrastructure," the Commission said in making the announcement. "The new bureau will build on the Commission's longstanding commitment to meet the needs of public safety by promoting robust, reliable and resilient communications services in times of emergency." The PSHSB will assume some functions that had been under the umbrella of the Wireless Telecommunications Bureau (WTB), where the Amateur Radio Service will remain. WTB Public Safety and Critical Infrastructure Division Chief Michael J. Wilhelm, WS6BR, has assumed a role within the new bureau, however. The PSHSB is responsible for the combined public safety-related functions previously spread among other bureaus and offices. It will include Policy, Public Communications Outreach and Operations and Communications Systems Analysis divisions. The Public Communications Outreach and Operations Division will operate the FCC's Communications Center and the High Frequency Direction Finding Center.



THE PENNSYLVANIA QSO PARTY

Sponsored by the Nittany Amateur Radio Club, State College, Pa

Operating periods -1600Z October 14 to 0500Z Oct 15 and 1300Z Oct 15 to 2200Z Oct 15

Suggested frequencies:

SSB: 1.850, 3.980, 7.280, 14.280, 21.380, 28.480, 50.125, 146.55 (12, 17, 30, 60 meter and repeater QSOs **NOT** permitted.)

CW: 40 KHz up from the bottom and 1810 KHz.

PSK: 3.580, 7.080, 14.07015, 21.080, 28.120, 50.250

RTTY: 3.580, 7.080, 14.080, 21.080, 28.080

RTTY users: be considerate of other parties, lest RTTY be a one year experiment. 80, 40, and 20 meter RTTY move up to avoid interference if PSK is in use there.

160 METERS -Try at 0300Z Sun. Follow 160 Band Plan, CW -1.800-1.830, SSB -above 1.850

HIGH BAND ACTIVITY PERIODS -Sat & Sun: 10m -1800z, 15m -1900z, 20m -2000z, SSB on the hour, CW on the half hour. MOBILE WINDOW - 5KHz below listed frequencies. KEEP CLEAR FOR WEAK MOBILES.

Exchange- Sequential SERIAL NUMBER plus COUNTY or ARRL or Radio Association of Canada (RAC) section. Stations on county lines will give out ONE serial number per contact but all counties may be counted as multipliers. Work stations once per band and once per mode. Work mobiles and Rovers again as they change counties.

Scoring -QSO POINTS -CW on 160 and 80- 2 point, Other CW- 1.5 point, SSB/FM -1 point, PSK-2 point, RTTY- 2 point.

Multipliers -Pennsylvania Stations: ARRL sections + RAC sections + PA Counties + 1 for DX. (152 total possible mults) Out-of-State Station mults: Pennsylvania Counties (67 total)

Final score -Total Points X Total Multipliers

QRP Bonus Multiplier -Multiply your final score by 2 if less than 5 watts output.

PA Mobile Bonus Points -If mobile, add 500 points for each county operated from with a minimum of 10 QSOs.

PA Rover Bonus Points -Add 500 points for each location operated from with a minimum of 10 QSOs.

Mobile & rover division -Mobile stations must be truly mobile. Rover division stations **MUST** use a portable antenna and must travel more than 5 miles between stops. 500 point bonus for each county/location with at least 10 QSOs. Submit a summary for each county as well as an aggregate summary. Stations should identify by using /M or /R on CW and by adding "ROVER" or "MOBILE" on SSB. Only single transmitter entries eligible for awards. Remember, many county lines are on tops of mountains.

Bonus Station

Each year, a different Pennsylvania Club will set up and operate a special event station as part of the contest. The **WIRELESS ASSOCIATION OF SOUTH HILLS -N3SH**, is this year's special event station. **N3SH** will operate from multiple counties on 160 through 10 meters and VHF. Add 200 points to your final score for each QSO with **N3SH** after all other bonuses have been taken.

Entry divisions:

- Single op medium power (5—150W)
- Single op QRO (> 150 W)
- QRP (5W) note: QRP means all contacts from any radio running 5 watts or less
- Single OP CW Only - 150 watts max
- Multi-single note: Single Ops and Multi singles - only one signal on the air at any one time
- Multi-multi
- Portable (single op or multi-single only)
- Mobile
- Rover.

Awards

Plaques to top scorers in all entry divisions plus single op out-of-state (OOS), Eastern, Central, and Western Time zones, OOS Medium Power and OOS QRP, top Canadian entry, Single op med & high power EPA, single op med & high power WPA, plus others as warranted. Plaque in "Rover". Certificates to county and section winners. Trophy to Club winner.

Plaque for top first time entrant

Intended to encourage new contesters, a plaque will be awarded to the top single operator from Pennsylvania who enters the Party for the first time. If you got your feet wet logging or operating briefly at a multi-op station you're still eligible. **This is not an award for "Big Guns" from other Contests!**

All 67 counties plaque

If you work all 67 counties during the Party, a special plaque can be awarded in recognition of that feat. QSOs will be verified by the committee from log

information. To order, submit a special summary sheet (in addition to your entry summary) listing county, call of station worked, date and time of QSO and numbers sent and received. Please enclose a check for \$25.00 made payable to "NARC".

Participation coffee mugs

Anyone who makes 100 QSOs or more during the Party is eligible for a PA QSO Party Coffee Mug personalized with your call. To order, submit your log showing 100 or more QSOs and a check for \$15.00 made payable to "NARC".

Participation T-shirts

Anyone participates in the Party in any way is eligible for a PA QSO Party participant T-shirt. To order, submit a log and a check for \$12.00 made payable to "NARC". Be sure to indicate your shirt size.

Entry materials

consist of log and dupe sheets and must be submitted with an official summary form or reasonable facsimile. One hundred points will be deducted for each dupe found. All materials can be downloaded from the web site.

Entry materials *must be received* by November 15, 2006 in one of three ways:

- 1- Paper copies: Paper copies of all materials may be sent via US Mail
- 2- Logs: Logs on CD may also be mailed to the above address.
- 3- Electronic logs: Logs may be submitted Electronically via e-mail to: paqsolog@nittany-arc.net.

mail to: PA QSO Party 2006
c/o NARC
P.O. Box 614
State College, PA 16804-0614

IMPORTANT Note:

All Stations *must* submit a completed paper summary form via US Mail *regardless* of the method used to submit log and dupe sheets.

A donation of 2 dollars or more along with your entry will help to cover printing and mailing costs associated with the party, and will be greatly appreciated.

Important!

- A log submitted without a summary sheet will be treated as a check log. This includes mobile and Rover stations without an aggregate summary sheet.
- Logging software can differ in handling official summary sheets. Make sure that yours has all the features of the summary sheet that we provide, or for complete compatibility, use our summary sheet. Our new summary sheet is in PDF form, which you can fill out online, or download and fill out at your convenience. The new form will calculate your score from the info that you enter.
- Fill it -Print it -Mail it! Easiest way ever to do your Summary sheet.

QSO party computer logging programs

N3FJP-Amateur Contact Log Program	http://www.n3fjp.com/
N1MM-Logger	http://pages.ctime.net/n1mm/
NA Logging Program	http://datom.contesting.com/CATALOG.HTM
WriteLog	http://www.writelog.com
EQF Software	http://www.eqf-software.com
WK3M -Genlog Software	http://www.qsl.net/w3km/gen_log.htm
W3BW-Logging Program	http://www.wb3w.net/maqpdwn.htm

PA QSO Party web site <http://www.nittany-arc.net/paqso.html> - For latest info!

The PA QSO Party reflector -To subscribe, send a two word message "subscribe paqso" to "majordomo@QTH.net".

PAQSO Party Chair Michael J. Coslo - KB3EIA email mcoslo@adelphia.net

PAQSO Party Co-Chair John Passaneau - W3JXP email w3jxp@adelphia.net

To check on party activity regarding mobiles, portables, rovers and general information, there will be a net on Friday October 13 at 0000Z 75 Meter SSB - 3910 LSB +/

County Abbreviations

ADA	Adams	CLA	Clarion	HUN	Huntingdon	MGY	Montgomery	SUS	Susque-
ALL	Allegheny	CLE	Clearfield	INN	Indiana	NHA	Northampton	hanna	
ARM	Armstrong	CLI	Clinton	JEF	Jefferson	NUM	Northumber-	TIO	Tioga
BEA	Beaver	COL	Columbia	JUN	Juniata		land	UNI	Union
BED	Bedford	CRA	Crawford	LAC	Lackawanna	PER	Perry	VEN	Venango
BER	Berks	CUM	Cumberland	LAN	Lancaster	PHI	Philadelphia	WAR	Warren
BLA	Blair	DAU	Dauphin	LAW	Lawrence	PIK	Pike	WAS	Washington
BRA	Bradford	DCO	Delaware	LEB	Lebanon	POT	Potter	WAY	Wayne
BUX	Bucks	ELK	Elk	LEH	Lehigh	SCH	Schuylkill	WES	Westmore-
BUT	Butler	ERI	Erie	LUZ	Luzerne	SNY	Snyder	land	
CMB	Cambria	FAY	Fayette	LYC	Lycoming	SOM	Somerset	WYO	Wyoming
CRN	Cameron	FUL	Fulton	MCK	McKean	SUL	Sullivan	YOR	York
CAR	Carbon	FOR	Forest	MER	Mercer				
CEN	Centre	FRA	Franklin	MIF	Mifflin				
CHE	Chester	GRE	Greene	MOE	Monroe				

Remember: Work N3SH Early & Often!
(We'll certainly have enough transmitters on the air!)

Now in our TWELTH big year!



WASHfest 2007

The South Hills Hamfest

Sponsored by the Wireless Association of South Hills Amateur Radio Club, Inc.

Sunday, February 25th, 2007

8:00 AM until 3:00 PM Rain or Shine (or Snow!)

Castle Shannon VFD Memorial Hall

3600 Library Road (State Route 88), Castle Shannon, PA

Talk-In on 146.955(-) and 443.650(+) 131.8 PL



(800) 545-8881

**Breakfast & Lunch
provided by Jack's
Catering
of Peters Township**

**FREE Coffee for the entire Hamfest
courtesy of HAM RADIO INSURANCE ASSOCIATES
of Canonsburg, PA**

MAIN PRIZES — You've Got to play to WIN!

- 1st Prize: (to be announced)
- 2nd Prize: (to be announced)
- 3rd Prize: (to be announced)

Additional Hourly Door Prizes!

Main Prize tickets are \$2.00 each, or 3 for \$5.00

All Prizes Subject to last-minute changes

For reservations, or information, Contact:

Steve Lane, W3SRL at (412) 341-1043 or Bill Hill, W3WH at (724) 746-1776

E-mail us directly at washarc@yahoo.com Check out our website too! www.n3sh.org

Hamfest Table Reservation Form—Please PRINT LEGIBLY ALL INFORMATION

Name: _____ Email: _____

Address: _____ Phone: () _____ - _____

City: _____ State: _____ Zip: _____

Call Sign: _____

Tables WITH Electricity: _____ X \$15.00 = _____

Tables WITHOUT Electricity: _____ X \$10.00 = _____

Please make all checks payable to:
WIRELESS ASSOCIATION OF SOUTH HILLS
897 Lovington Drive
Pittsburgh, PA 15216-1725

We reserve the right to resell any tables not occupied by 8 AM, unless prior arrangements have been made!



WIRELESS ASSOCIATION OF SOUTH HILLS, INC.

Membership Application/Renewal for 2007



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

(check quarter \longrightarrow)
(check one \downarrow)

<input type="checkbox"/> (F1) Full Membership:	<input type="checkbox"/> 1st Qtr Jan-Mar	<input type="checkbox"/> 2nd Qtr Apr-Jun	<input type="checkbox"/> 3rd Qtr Jul-Sept	<input type="checkbox"/> 4th Qtr Oct-Dec
<input type="checkbox"/> (F2) Full Membership < 18 or > 65 yrs of age:	\$20.00	\$15.00	\$10.00	\$5.00
<input type="checkbox"/> (A1) Associate Membership:	\$10.00	\$7.50	\$5.00	\$2.50
<input type="checkbox"/> (A1) Associate Membership:	\$10.00	\$7.50	\$5.00	\$2.50

(FM1) Family Membership (\$3.00 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: _____

Amount Enclosed: \$ _____

Signature: _____

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



Join the American Radio Relay League or Renew Your Membership through the WIRELESS ASSOCIATION OF SOUTH HILLS, INC.



Members of the WIRELESS ASSOCIATION OF SOUTH HILLS can start a new membership or renew an existing membership in the American Radio Relay League, the National Organization of Radio Amateurs, through the club. Benefits for you: Joining and participating in everything the League has to offer, including a QST subscription. Benefits for the club: A few more shekels for our coffers.

Just fill out the form below, include a check or money order made out to WASH/ARRL, and return all 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

Name: _____

Call Sign: _____

Address: _____

Date of Birth: _____

City, State, ZIP: _____

Total Enclosed: \$ _____

Please Check the Appropriate One-Year Rate:

- \$39 in US
- Age 65 or older, \$36 in US
- Age 21 or younger, \$20 in US (only if you are the oldest licensed amateur in your household)
- Canada \$49
- Elsewhere \$62
- Other (including Blind, Life, QST by First Class Postage — please contact ARRL for rate)

Additional Family Members at the same address (\$8 per family member)

Name & Call Sign: _____

Name & Call Sign: _____

Name & Call Sign: _____

Dues subject to change without notice

Inside This Issue:

- Yup, it's a big issue... and you didn't see all the stuff that got left out due to lack of room!
- N3SH / Pa QSO Party Plans Progress!
- Pa QSO Party Rules!
- Tower Trailer Fund Update!

All this & much more... waiting for you right inside these pages!!



September Breakfast Gang

"A good crowd met at The Beach House near Finleyville to solve the world's problems. We also found time to discuss the upcoming Pennsylvania QSO Party!"

L—R: Mary Lou, KB3NAF, W3WN, KB3HVN, W3WH, KB3FNM (almost hidden but he's there!), N3DFK, K3VX, N3HKQ's empty chair, Peg. (WB4GCS missed the picture)

Photos & text courtesy of & Copyright ©2006 Kevin Smith N3HKQ

The WASHRag

Wireless Association of South Hills, Inc.
Ron Notarius W3WN, Editor
3395 Rosewood Drive
Castle Shannon, PA 15234-2546



N3SH / WA3SH
NP2SH/B
www.n3sh.org
www.washarc.org

CQ PA QSO, This is N3SH/Mobile
*
The Mobile Bonus Station!!
Ed - N3ZNI & Dave - K3LGM

