



# WASHRAG™

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JANUARY 2012

N3SH  
WA3SH  
NP2SH/B

Wireless Association of South Hills

## Doing Something New on the Sunday Evening Net

As most WASH members know the club's Sunday evening net went on hiatus over last summer for retooling. I want to thank Rick Bell KB3AIC for providing many ideas to me over last summer. We both agreed that it was important to re-establish the main purpose of the net; emergency communication training. One way to train ourselves we thought, is to periodically conduct the net in simplex mode; simulating a situation where a wide area power outage causes a number of repeater outages.

These exercises will provide an opportunity to see first hand what the challenge of operating a simplex net on various bands and different modulation types is like and to start thinking what we may need to do to overcome this challenge should the need arise in the future. A needed skill to acquire is to effectively relay check-ins that the net control station (NCS) cannot hear or perhaps more importantly who cannot hear the NCS. This requires check-in stations to listen carefully who is recognized and who is not recognized by the NCS. The NCS should regularly inquire if anyone hears stations that he may not.

So far since restarting the WASH Sunday evening net on Labor Day weekend we have conducted two simplex mode nets; one on 2 meters FM and the other 10 meters AM.

The 2 meter FM simplex mode net was conducted on October 16<sup>th</sup> and I thought it went very well and we learned a lot. "Officially" the following were checked into the net and heard directly by NCS:

- N3HKQ Kevin - Carroll Twp. NCS conducting simplex on 147.5 (Heard everyone well),
- WB4GCS Jim – 84,
- KB3GMN Carol & N3SBF Richie – Brentwood,
- N3DFK Dave - Mt. Lebanon,
- N3IDH Dave – Washington,
- W3WH Bill - Chartiers Twp.,
- NØVLR Paul – Washington
- K3HCR Harold - Bethel Park
- WA3NB Nick - Pleasant Hills
- KE7FD Glen - Upper St. Clair
- KA3KSP Jim – Carnegie
- N3RDV Mark - Bethel Park
- AB3ED Bob - Pleasant Hills
- AB3Q, Bob - South Park
- and N3NWR Sean – Whitehall.

Continued on page 6

### Carol's Musings

First I would like to wish everyone a Happy New Year. And with that comes many new things including a woman President.

Now that 2011 is over (where did the time go) we can think about the many things we can accomplish this year.



My first item would be to do a good job as pres. But with all the help I will get from my members that should be easy.

Our first item will be the 2 Meter Simplex Contest and I am looking forward as you know me and contests.

But most of all is our HAMFEST. It is an exciting time for our club. I know it is for me. And with all your help I'm sure it will go well. Many things are done already but Kevin and I will need your assistance.

I would also like to thank all those who came to the Christmas Party especially those who stayed after to help me with the clean up. It was most appreciated.

I would also like to thank Rick and Jan Bell for all their efforts with kit building.

I will do my best to keep the meetings as short as possible so we can continue our kits. I guess I'm not much for words on paper but I will try my best.

See you all on the 12<sup>th</sup>.

— 73. Carol Danko KB3GMN  
President, Wireless Association of South Hills  
N3SH / WA3SH / NP2SH

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### Next Meeting: January 12<sup>th</sup>, 2012

The next monthly meeting of the WIRELESS ASSOCIATION OF SOUTH HILLS, INC. will be on Thursday, January 12<sup>th</sup>, 2011, at the Crossroads Ministries Church, 88 Walter Long Road of f Route 88, Finleyville PA, starting at 7:00 PM.

Meeting topics will include the 2 meter Simplex contest, WASHFest 2012, and the continuation & testing of the kit building ongoing project.

Talk-in on the 146.955(-) N3SH/R and 443.650(+) N3FB/R Repeaters (131.8 PL). All members, guests and interested parties invited!

# "Seen" at the WASH Christmas / Holiday Party



Left: Presenting the 2011 Kilowatt Award to Rick Bell KB3IAC & Jan Bell KB3IVX are 2010 winner Carol Danko KB3GMN and outgoing WASH President Ron Notarius W3WN

Below Left: 2012 WASH President Carol Danko KB3GMN along with past WASH Presidents Ron Notarius W3WN, Randy George N3ZK, Kevin Smith N3HKQ, Bill Hill W3WH & Larry Comden K3VX

Below Right: Clean Sweep certificates for club members operating in the 2011 Pa QSO Party were presented to Rich Danko N3SBF, Carol Danko KB3GMN, Frank Bobro N3FB, Kevin De Rose N3KFD, Ron Notarius W3WN, Randy George N3ZK, Paul Lusardi NØVLR & Ben Williams KB3ERQ.

Photos courtesy of and ©Copyright 2011 Ben Williams KB3ERQ



## WASH 2012 OFFICERS



## THE LEGAL STUFF

### EXECUTIVE COMMITTEE:

President	Carol Danko KB3GMN
VP / Secretary	Glen Roberts KE7FD
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
NP2SH 2009 QSL Manager	Carl Schroeder K9CS
VE Team Liaison	Ed Oelschlager N3ZNI
Webmaster	Randy George N3ZK
Asst. Webmaster	Glen Roberts KE7FD
Quartermaster	Harold Rosenberger K3HCR
WASH FM Net Manager	Kevin Smith N3HKQ
WASHFest 2012 Committee	Kevin Smith N3HKQ, Chairman
	Carol Danko KB3GMN, Co-Chair
Activities & Operating Events	Bob Timmins AB3ED
Ways & Means	Carol Danko KB3GMN
Field Day 2012 Coordinators	Larry Comden K3VX
	Rick Bell KB3IAC

### CLUB-AFFILIATED REPEATERS, BEACONS, & DIGIPEATERS:

Mt. Lebanon	N3SH / R	146.955 MHz (-)	PL 131.8
Mt. Lebanon	W3SRL / R	442.550 MHz (+)	PL 131.8
Canonsburg	N3FB / R	443.650 MHz (+)	PL 131.8
St. Johns, VI	NP2SH / B	28.276 MHz	Propagation Beacon
Canonsburg	N3SH	144.390 MHz	APRS Digipeater

**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 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 23<sup>rd</sup>, 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 N3SH-W3SRL Repeater System and the N3FB/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 January 25<sup>th</sup>

The Next WASH VE exam sessions will be **Wednesday, January 25<sup>th</sup>, 2012, 6:30 PM**, at the **North Strabane Township Building**, 1929 Route 519, Canonsburg, 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 Ed Oelschlager N3ZNI:

Telephone (724) 746-9235 or E-Mail: [n3zni@comcast.net](mailto:n3zni@comcast.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 **\$15.00** (payable to: ARRL VEC)

Future test dates:   
 Wednesday, April 25<sup>th</sup>, 2012   
 Wednesday, July 25<sup>th</sup>, 2012   
 Wednesday, **September 12<sup>th</sup>, 2012**   
 Wednesday, January 24<sup>th</sup>, 2013

Saturday, December 31<sup>st</sup> is the annual day for old acquaintances to not be forgot; but that's in the evening. The morning of the end of 2011 brought together **the WASH Breakfast Gang** at **The Beach House** in Finleyville. The year ended with AD3Q, KB3DCO, W3VFA, WB4GCS, K3SGT & Barb, N3HKQ, N3FB, KB3GMU & W3WN. The year ended with commentary on trolling the grid, making steel in your own home, economies of scale, "if everyone can't have lights, no one can!", I Like Ike pins, Frank's new toy at work, Scotch tasting party, "is Scotch only made in Scotland, Motorola spinning out the non-LMR parts of Yaesu, transmitting & receiving CW on an Android phone, receiving AM broadcast at night, UPMC vs Highmark, Amazon selling books, and parts availability at Radio Shack — "You've got questions, we've got cell phones!"

It's a new year, so make one of your resolutions (if you make it late, we won't tell) to join us on Saturday, January 29<sup>th</sup> at **The Beach House**, Library Road, Finleyville, just south of Trax Farm. See you there!

**MIA but On The Mend:** We've heard from Herman N3AWF, a long time club member who's been battling some health issues lately. He reports that he is "slowly but (not so) surely" on the road to recovery. Take care, and we're looking forward to seeing you back at our meetings soon!

**VE Testing 2012 Dates:** Ed N3ZNI has confirmed 3 of the 4 "usual" quarterly dates for the club's VE team. The October test, however, has been moved up to September, as the room was not available. Note that the **VE testing remains at the North Strabane Township Municipal Building!** As always, VE's are needed at the test sessions, so please let Ed know as soon as possible if you can attend the next session.

**Upcoming Events:** Can you believe that the 2 meter simplex contest is almost upon us? And **WASHFest** is Sure seems like the days and weeks go past before you know it... the year's almost over!

We're only a few short weeks or months away from a bunch of club events, so a quick review is in order:

- ♦ January 14<sup>th</sup>: 2 Meter Simplex Contest
- ♦ February 26<sup>th</sup>: **WASHFest 2012**
- ♦ April 12<sup>th</sup>: post-**WASHFest** Pizza Party

And Dayton & Field Day will be here before you know it as well!

**Pizza Party Moved to April:** Traditionally, we've had our post-hamfest Pizza Party at the March meeting. Carol KB3GMN has moved it to the April meeting for this year only. Why? Simply because she and Rich N3SBF will be out of town the night of the March meeting this year; with all the hard work she puts in to the hamfest every year, she'd simply like to enjoy the celebration (and the pizza) with us!

**Frostfest 2012:** Jim WB4GCS has been looking for people to ride along with him to Virginia for the **Frostfest 2012 hamfest** on Saturday, February 4<sup>th</sup>. If you're interested, please [contact Jim](#) directly for details.

The ARRL's annual Board of Directors meeting will be held in Hartford CT on January 13<sup>th</sup> & 14<sup>th</sup>.

The 15 voting members of the Board set ARRL policy.

This year's BOD agenda has been announced, and is [available](#) on the ARRL's web site.

The meeting is being held a week earlier than usual, to avoid conflicts with the WRC-12 that begins January 23<sup>rd</sup>.

## WASHNet 2012 NCS Schedule

01/01/2012	Dave N3DFK	07/08/2012	Carol KB3GMN
01/08/2012	Glen KE7FD	07/15/2012	Bob AB3ED
01/15/2012	Harold K3HCR	07/22/2012	Kevin N3HKQ
01/22/2012	Carol KB3GMN	07/29/2012	Dave N3IDH
01/29/2012	Bob AB3ED	08/05/2012	Frank N3FB
02/05/2012	Kevin N3HKQ	08/12/2012	Dave N3DFK
02/12/2012	Dave N3IDH	08/19/2012	Glen KE7FD
02/19/2012	Frank N3FB	08/26/2012	Harold K3HCR
02/26/2012	Dave N3DFK	09/02/2012	Carol KB3GMN
03/04/2012	Glen KE7FD	09/09/2012	Bob AB3ED
03/11/2012	Harold K3HCR	09/16/2012	Kevin N3HKQ
03/18/2012	Carol KB3GMN	09/23/2012	Dave N3IDH
03/25/2012	Bob AB3ED	09/30/2012	Frank N3FB
04/01/2012	Kevin N3HKQ	10/07/2012	Dave N3DFK
04/08/2012	Dave N3IDH	10/14/2012	Glen KE7FD
04/15/2012	Frank N3FB	10/21/2012	Harold K3HCR
04/22/2012	Dave N3DFK	10/28/2012	Carol KB3GMN
04/29/2012	Glen KE7FD	11/04/2012	Bob AB3ED
05/06/2012	Harold K3HCR	11/11/2012	Kevin N3HKQ
05/13/2012	Carol KB3GMN	11/18/2012	Dave N3IDH
05/20/2012	Bob AB3ED	11/25/2012	Frank N3FB
05/27/2012	Kevin N3HKQ	12/02/2012	Dave N3DFK
06/03/2012	Dave N3IDH	12/09/2012	Glen KE7FD
06/10/2012	Frank N3FB	12/16/2012	Harold K3HCR
06/17/2012	Dave N3DFK	12/23/2012	Carol KB3GMN
06/24/2012	Glen KE7FD	12/30/2012	Bob AB3ED
07/01/2012	Harold K3HCR	01/06/2013	Kevin N3HKQ



**Join WASH or Renew your Membership for 2012 Today! Membership Application on Page 13!**

## Minutes, November 10<sup>th</sup> Meeting

Glen Roberts KE7FD, Vice President/Secretary, **WASH**

Ron W3WN called the meeting to order at 19:10 hours. There were 24 members and guests in attendance.

A moment of silence was observed for recent silent keys and other deserving persons.

A motion was made by Kevin N3HKQ to waive reading of the September minutes as published in the newsletter. Seconded by Bill W3WH and carried unanimously.

### Committee reports:

Treasurer (N3RDV): A balance on the bank account was read & accepted.

Secretary (KE7FD): No report.

VE Report (N3ZEL): VE session was held on October 26<sup>th</sup>. All but two candidates successful, including a new licensee.

Repeaters (N3FB): Repeating. 145.59 will be back up in about a week in a new location, under the WA3COM call, thanks to K3PSP.

Net Report (N3HKQ): Last net was well attended. Week on the night of December 11<sup>th</sup> will be on 10 meter AM, 29.200 MHz (Editor's note: Moved to 29.100 to stay in the AM "window").

Activities: Rick KB3IAC reports that the group is having "a whole bunch of fun."

### Contests (W3WN for K3VX):

CQ WW CW coming up, followed by ARRL 160 & ARRL 10 meter contests. **WASH 2** meter simplex contest coming up in January.

Public Service (N3IDH): Thanks to everyone who helped with the SET.

Ways and Means (KB3GMN): 50/50 tonight. Reminder that the **WASH** Christmas/Holiday Party will be December 16<sup>th</sup>, cost \$15 per person. Donations still needed for the Chinese Auction.

**WASHFest 2011** (KB3GMN/N3HKQ): Short discussion on status.

Newsletter (W3WN): Out.

President's Report (W3WN): ARRL Atlantic Division Director Bill Edgar N3LLR won re-election for another 3 year term.

### 2012 Officer Elections:

President: No new nominations. W3WN and KB3ERQ declined nomination. Motion to have the Secretary cast one vote for Carol KB3GMN for 2012 President. Motion carried unanimously

VP/Treasurer: No new nominations. Motion to have the Secretary cast one vote for Mark N3RDV for 2012-3 VP/Treasurer. Motion carried unanimously.

Old Business: None

New Business: None

Good of the order: Very brief discussion on where to hold Field Day 2012.

Motion to Adjourn by Bill W3WH, second by Carol KB3GMN and carried.

Meeting adjourned at 19:50 hours.

Following a quick refreshment break, Electronics 101 followed, led by Rick KB3IAC



## WASH Spotlight: Breakfast



The **WASH** Breakfast Gang at the Beach House, New Years Eve morning. Photo courtesy of and © Copyright 2011 Kevin Smith N3HKQ

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 W3WN at [newsletter at n3sh dot org](mailto:newsletter@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

<b>2012</b>	K3VX	N3RDV	WASH FL	WASH VI	Silent Keys
AB3ED	KA3TWI	N3RHT	KA3UPY/M	NP2JF	
AB3EN	KB3ERQ	N3SBF	W4ZE		K3EED
AC4KU	KB3GMN	N3TIR	WASH GA		(George)
KB3DCO	KB3GMP	N3YJJ	K3OL		KA3NMG
KB3IAC	KB3GMU	N3ZK	KB3IJX		KB3ENX
KB3IVX	KB3ORR	N3ZNI	WASH NE		KB3FNM
KC4WTT	KB3SPD	NU3S	NØPEU		KB3FQT
N3AWF	KB3SPE	W3LE	WASH OH		N3FZ
N3HKQ	KB3SRC	W3RWS	N8DPW		N3KEH
N3IDH	KB3TOA	W3VFA	WASH SC		N3OBD
W3WN	KE7FD	W3WH	N3RNX		N3SKR
WB4GCS	KJ3D	WA3NB	WASH TN		N3SRC
<b>2011</b>	NØVLR	WA4ONC	KE3XB		N3ZEL
AA3XY	N2QIV	WO3Z	N3YPB		N3XFE
AB3KA	N3BPB	Jane Wagner	WASH TX		W3ZLK
AE3DL	N3CZZ		K3LGM		WA3JPP
K3AIR	N3DFK		Jane Wagner		
K3GW	N3FB				
K3HCR	N3FPF				
K3LGM	N3KFD				
K3RYA	N3OVP				
K3SGT	N3QWW				

Through January 5<sup>TH</sup>, 2012

List compiled by

Mark Stabryla N3RDV, Vice President/  
Treasurer



# Doing Something New on the Sunday Net

Kevin Smith N3HKQ, Net Manager (continued from Page 1)

The net lasted for what may be a record breaking 28 minutes! I asked for feedback and received the following.

Rick Bell reported "I thought I would provide some feed-back on the Sunday NET from my vantage point.

In the spirit of emergency communications I decided to go "mobile" as we would most likely do under a real emergency situation. I used my 50 watt mobile with a magnetic mount antenna on my truck. The antenna is good model with some gain. I have used this same set-up over the years for our January 2 meter contest with very good results.

I picked a spot in Washington that I have also used in the 2 meter contest. I can lookout over Washington and see the skyline to the north, east, and west. So my location was what I would call excellent and unobstructed.

In this location the .955 repeater was pegging my meter as I was monitoring Richie, Bob, and Glenn before the NET. I monitored your short statement on .955 (S9+).

When I switched to the simplex channel I could barely tell that you were talking. I could make out a carrier – and faintly here your voice. I definitely heard N3IDH, NØVLR, and W3WH all at S9 or better. I did hear Jim WB4GCS, but he was about an S2 but readable – at least at first. I did here some other check-ins but it took a lot to pick them out. I may have heard 50% of the check-ins after receiving your report. I did not attempt to check-in because I could not tell when there was traffic.

So if we do need to be ready for a simplex mobilization – using portable or mobile set-ups we would need to think about establishing (geographically) a set of relay points. Maybe this could be the foundation for a few future NET's – Experimenting with locations and determining the best vantage points. Knowing who was using directional antennas, their location, and power might also be of some use.

Just my two cents – no change required... Good job last night."

And from Glen Roberts, KE7FD: "Kevin, for what it's worth, here's the list of calls I heard from the palaces of Uppity Saint Clair: N3HKQ, WB4GCS, KB3GMN, N3DFK, N3IDH, W3WH, NØVLR, K3HCR, WA3NB, KA3KSP, N3SBF, N3RDV, AB3ED, AD3Q"

Finally Jim Sanford, WB4GCS added; "You might consider specifying a protocol by which those who hear check-ins that NCS does not, have an opportunity to do the relay. Also suggest you state who NCS will be."

The next simplex net was conducted on December 11<sup>th</sup> in the AM portion of 10 meters on 29.1 MHz and it proved to be quite a different sort of experience. I thought my home location would provide a similarly good opportunity to hear most if not all check-ins. In fact I could barely hear anyone and almost no one heard me. What I was pleased about the net was our ability to establish another station that could hear almost everyone and turn over NCS duties to him; and that was Nick, WA3NB. We had 13 check-ins and the net lasted for almost 1 hour, proving that 10 meters AM was not a very efficient band to use for a net.

Thanks mostly to Nick's ability to relay; the following were the "official" list of check-ins:

- N3HKQ Kevin – Carroll Township,
- NØVLR Paul – Washington,
- WA3NB Nick, Pleasant Hills,
- KB3GMN Carol & N3SBF Richie – Brentwood,
- KE7FD Glen – Upper St. Clair,
- AB3ED Bob – Pleasant Hills,
- N3BPB Bill – Wexford (North Hills),
- K3HCR Harold – Bethel Park,
- N3DFK Dave – Mt. Lebanon,
- W3WN Ron – Castle Shannon (checked in SSB/no AM)
- and N3XI Frank – unknown location.

Also a Brian checked in but I did not get a call or location.

So far what I think we have learned is that we will need to stick with the VHF and UHF bands to conduct an efficient local simplex net. In conjunction with the computer interface construction project that is underway during our club meetings it was suggested that a future PSK31 net be conducted on 2-meters. Another possibility for a net is to try 6-meters SSB (i.e. 50.25 MHz) or a local FM repeater like N3OVP's repeater 51.98 (-) in Finleyville. If you have some thoughts for a unique band and mode to try for our Sunday evening net let me know. There is no bad idea to consider.

Later in 2012 we will go further and conduct a full-simulated emergency simplex net after trying a few more combinations of modes and bands and getting more experience with utilizing relay stations.

Stay tuned!



# *More Photos from the 2011 WASH Christmas / Holiday Party*

Photos courtesy of and © Copyright 2011 Ben Williams KB3ERQ



# DXCC-East Convention

National Capitol DX Association Press Release

*The National Capitol DX Association has announced the new DXCC East Convention for Saturday, August 25th, 2012. It will be held at the Holiday Inn Hotel & Conference Center at FSK Mall in Frederick MD.*

NCDXA has been an active DX organization since 1972. Based on our past positive experiences with DXPO conferences from 1974 through 1992, we are excited to announce our new DXCC-EAST Convention for Saturday, August 25, 2012. It is our goal to make this an annual event here on the east coast of the United States.

The DXCC-EAST Convention will include presentations by well known DXers and principles that are knowledge of the DX community including participation by the American Radio Relay League (ARRL).

Other activities included are:

- VE Exams – 1:00 PM to 3:30 PM –Schedule in Advance ([secretary@ncdxa.org](mailto:secretary@ncdxa.org))/Walk-Ins Welcome, \$15.00 ARRL VEC Charge, Executive Board Room just outside convention area.
- Portable Radio Operation: HF and 2 Meter: N3C, Talk-In 146.480 Simplex.
- DXCC QSL Card Checking: NCDXA Vendor Table # 3.
- Vendor Tables: Francis Scott Key Room A, Tables 1 thru 22.
- Friday, August 24, 2012, Early Arrival - 6:00 PM-1:00 AM Hotel Bar (Casey's Lounge)

Frederick County Maryland is central to many exciting places to visit before and after the convention. Make the convention visit a tradition. Combine your trip with a Baltimore Orioles (Toronto Blue Jays in town Aug. 24-26, 2012) baseball game, visit the Inner Harbor, ESPN Center or Aquarium, historic district area or take a trip to Washington DC. There will be lots of fun for the whole family.

We look forward to seeing each of you at the DXCC-EAST Convention.

Sincerely,

David Collingham K3LP, NCDXA President  
Mike Cizek W3MC, Convention Leader

*More information including hotel reservation info can be found at <http://www.dxcc-east.com/index.html>*

The National Capitol DX Association has announced that Dr. Hrane Milosevic YT1AD has been recognized by them as their DXpedition of the Year 2011 for Leadership & Youth Development. "DXpedition of the Year Award 2011; Leadership & Youth Development. For Excellence in DXpedition Leadership, Team Work and Operational Effectiveness: 3D2R– October 2011. Outstanding DXpedition Operation and Amateur Radio Youth Development Program with Rotuma High School."

Also, Sid May ET3SID has been recognized as their DXer of the Year 2011 "DXer of the Year 2011. Recognized for individual effectiveness, abilities and contributions to the DX Community. Exceeding expectations as Mentor and providing effective Youth Development Leadership at ET3AA."

JA8BMK will be QRV as **9N7FOX** 29 Feb - 9 March, 10 - 80 meters, holiday style, CW SSB & RTTY. QSL via JA8UWT — DX World

The **YX6AJ** Expedition to Angel Falls has been **cancelled** until further notice due to transportation issues -- YV5AJ

JH1AJT will be visiting VP8LP 21 - 28 January, and should be QRV as **VP8DNT**, holiday style, 80 - 10 meters. QSL via JH1AJT — JH1AJT

JA6CNH will be QRV as **XV2CNH** 10 - 15 January, 160 - 6 meters. QSL via JA6CNH — JA6CNH

**ZD8S** has a new antenna and has become active again, mainly on 20 meter SSB. QSL direct only -- DX World

## DX News Briefs

The **HKØNA** Malpelo 2012 Dxpediton remains on course for deployment around January 21. As of the beginning of the month, the "Fantastic Four" advance team, which has been on Malpelo since December 28th, continues to set up the camp infrastructure including the antennas. The "Op Bajo" stations are now complete, and the "Op Alto" stations are being set up on "the top of the mountain" about 300 meters high. K5YY & MM0NDX have been named as the pilot stations for the group. They should be departing Bogota on 18 January. More information at <http://hk0na.com/> — HKØNA



N1DG is currently on a business trip in the Middle East. He hopes to be QRV from Qatar as **A71A** starting 9 January, during his evenings, and then as **A61AD** in Dubai 13 - 16 January. QSL both to N1DG — N1DG

UA1PAI is working at Molodezhnaya Base AN-016, & is QRV as time permits through mid-March as **RI1ANA**. QSL via RK1PWA — DX World  
HA5AO & HA5UK will be QRV from Tuvalu as **T2HA** 12 - 26 January, then from Fiji as **3D2HA** 27 - 30 January. They plan on heading to Tarawa on 31 January and should be QRV as **T3ØHA** through 23 February. Sometime during this later stage, they will attempt a trip to Banaba for 7 - 10 days as **T33HA**, but the dates are in flux. Two stations should be active, 160 - 10, CW SSB RTTY, some PSK & SSTV. QSL all calls direct via HA5UK, or via OQRS (which they prefer). More info <http://ha5ao.novolab.hu/> — HA5UK

SQ8X requests patience regarding the **JX5Ø** QSL cards. He was diagnosed with a serious illness last August, and has only recently recovered to the point that he can start processing the cards. "the only thing I ask for now is a little bit more patience." — SQ8X

The **PJ4C** team should be QRV from Bonaire sometime after 12 January for about 2 weeks. They should be QRV with 7 stations 160 - 6 meters, CW & SSB. QSL via F9IE — F6KOP Team

DJ7JC will be QRV **PJ4M** 23 -30 January, following his participation as part of the **PJ4C** DXpedition. QSL via DJ7JC — DJ7JC

KL7JR & WL7MY will be QRV as **NH7DX** (the US Islands club call) late March to mid April. QSL via KL7JR as detailed on QRZ.COM — KL7JR

JA1XGI will be QRV as **KH6/W8XGI** 31 Jan - 4 Feb, and as **A35XG** in April. QSL both via JA1XGI — JA1XGI

F6BLP will again be QRV as **6W7SK** 20 Jan - 3 Feb, holiday style, primarily CW. QSL via F6BL — F6BLP

Members of the Malaysian Amateur Radio Transmitter Society and the 9M4SDX Team plan to be QRV as **9MØL** from Pulau Layang Layang (Swallow Reefs) AS-051 in the Spratly Islands, 5 - 17 April. Three teams will be operating, one group for the full period, and the other two for one week each. QSL route has not yet been announced. More info at <http://9m0l.legendchew.com/> — 9M2CLN

## QSL Routes

3D2AD via YT1AD — EU7A	EA9EU via EA5KB — K3BEQ
3D2DX via EA4DX — W3UR	EK6TA via DJØMCZ — WO2N
3D2R via WD5COV — W6DX	EI8JX via DF4ZY — DL4KQ
3DAØGF via ZS6AYU — LU2EMH	HV5ØVR via IV3KKW — LU2EMH
5TØJL via ON8RA — VU2NKS	JD1BMH via JG7PSJ — LU2DKN
5V7SI via JA1PBV — EU7A	JW3TR via LA3TR — W2IRT
5WØOJ via DL4RDJ — K3BEQ	LT1F via AC7DX — WØWSP
6OØM via PA7FM — PY2YP	PJ7X via F6EXV — JA1HGY
7Z1AA via 7Z1CQ — W3AWU	STØR via EA5RM — LU2DKN
7Z1HL via DJ9ZB — K3BEQ	T88NU via SMØGNU — KT4ZB
8P3A via VE3DZ — W4DN	TMØINT via EA5KA — W3AWU
9G5SG via JA7SGV — K3BEQ	UA9CUA via W3HNC — WØWSP
A52DL via LA9DL — W2IRT	UAØSR via W3HNC — W4DN
A52IR via KØIR — JA1HGY	V26K via AA3B — K3BEQ
A73A via EA7FTR — PY2YP	V63KZ via JAØVSH — W2IRT
A71CT via EA7FTR — WO2N	VKØTH via JE1LET — KU4BP
B4S via BD4SX — N8DX	VP9HE via W2AF — WØWSP
C21UR via LA5UF — PY2YP	XV2YL via JR3MVF — JA1HGY
C4N via W3HNC — WØWSP	XV4YY via DH7WW — W2IRT
CK8G via VE8EV — DF6EX	ZD8ZZ via K7ZZ — ZD8ZZ

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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"All-Risk" Amateur Radio Equipment Insurance Plan for:

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Cellular Telephones	
Mechanical Breakdown & Electrical Damage Coverage	



Antenna Zoning or PRB-1 Issues?

Contact: **Michael S. Lazaroff K3AIR, Esquire**

Murrin, Taylor, Flach, Gallagher & May  
110 East Diamond Street, Butler PA 16001  
Phone: 724-282-3141 [lazaroff@murrinlaw.com](mailto:lazaroff@murrinlaw.com)

Custom Decals, Signs, Plaques and Woodworking from **Randy George N3ZK**

More information at his web site, Randy George Woodworking <http://www.randygeorgewoodworking.com/>

See his eBay store for special deals at [http://stores.shop.ebay.com/Randy-George-Custom-Signs\\_W0QQ\\_armrsZ1](http://stores.shop.ebay.com/Randy-George-Custom-Signs_W0QQ_armrsZ1)



**Solderer's Wanted:** Aerotek, "the largest staffing company in North America, is looking for experienced," is looking for Skilled Solderer's for a firm in Harmorville and possibly other firms as well, for their Electronic Assembly positions.

Aerotek is also seeking individuals interested in any type of work in the manufacturing or production field.

If you are interested in pursuing one of these positions, or interested in other positions available, please contact:

Matthew Lord, Commercial Recruiter  
Aerotek Inc.  
4 Penn Center West Suite 200  
Pittsburgh PA 15276  
(412) 489-9829 (phone) (412) 489-9860 (fax)  
[mlord@aerotek.com](mailto:mlord@aerotek.com)

Feel free to mention the **WASHRag** when you call him!

**IBEC** — one of the very few remaining operators of Access BPL systems — has announced that it is closing down. In an undated announcement that appeared on the IBEC website, the company announced that it has "no other option than to close our doors and cease operations." IBEC claims that it cannot recover financially from the April 2011 tornadoes in Alabama that "ravished some of our major service areas."

IBEC provided Internet service via broadband over power lines (BPL) to rural communities.

IBEC said that it expects service to continue through the end of January, but that it "cannot guarantee the quality and availability of service during this period." IBEC will discontinue its customer service operations as of January 16<sup>th</sup>.

## FCC News

ARRL Web Extra courtesy of the American Radio Relay League

Newington, CT, January 6<sup>th</sup>, 2012 — The FCC released a Public Notice on January 6<sup>th</sup>, reminding land mobile licensees, frequency coordinators and equipment manufacturers that they have less than one year to transition to narrow-band operations in the 150-174 and 421-512 MHz bands.

While the latter frequency range includes amateur service allocations, radio amateurs are not affected by the narrow banding requirement. Land mobile operation is permitted in parts of the 421-430 MHz band in the areas around Detroit, Cleveland and Buffalo, and land mobile licensees in these areas are among those who will have to migrate to narrowband (12.5 kHz or narrower) technology by January 1<sup>st</sup>, 2013. Amateur operation is not permitted along the Canadian border (north of Line A as defined in the FCC Rules) in the band 420-430 MHz.



Phil Williams, KA1GMN, has been granted a Special Temporary Authority (STA) by the Federal Communications Commission to conduct Spread Spectrum experiments within 2.5 kHz signal bandwidths on 160 through 2 meters at a maximum of 100 W effective radiated power. The 6-month authorization takes effect February 1<sup>st</sup> and expires on July 31<sup>st</sup>. The FCC has assigned Williams the call sign WF9XJD for use during his experimental transmissions.

"The overall objective is to evaluate the compatibility of operating spread spectrum on the HF and VHF," Williams stated. "I think it is going to boil down to the established Amateur Radio best operating practices. Part of this experiment will be to determine the minimum ERP required to maintain reliable communications. I think this is extremely important with the crowded bands we all have to operate in today."

Spread-Spectrum technology has been available for decades and it is often used as a means to limit power flux density in the transmitted signal while providing substantial immunity at the receiving end to natural and man-made interference. Under normal operation (not an STA) amateurs in the United States are only permitted to use Spread Spectrum above 222 MHz. The STA granted to KA1GMN breaks new ground by allowing Spread Spectrum experimentation on the HF and lower VHF bands

If you watched the January 3 episode of *Last Man Standing* — the ABC hit situation comedy starring Tim Allen as Mike Baxter, KAØXTT — you were in for a treat. While this episode didn't feature Amateur Radio per se, it did show Mike's shack in the background. Viewers could see the DXCC, Worked All States, Worked All Continents and the Morse Code Proficiency Certificate — all provided by the ARRL — in the first scene. Later on in the show, Mike records his video blog. Sharp-eyed viewers spotted the 2012 ARRL Handbook underneath the mini-tripod, next to issues of QST!

The episode airing on January 17 will introduce Mike Baxter as KAØXTT. According to Last Man Standing Producer John Amodeo, NN6JA, Mike will have a QSO on the show. "We had two Amateur Extra class staff members complete a QSO on 10 meters and we recorded it," Amodeo explained. "Unfortunately, we were set up on a stage that is basically a Faraday cage. The very QRP signal made it radio-to-radio. We varied the Receiver Incremental Tuning to give it a little extra SSB sound, but I don't think the signal made it much past the stage walls. The recording will be on the show. We thought our ham viewers would get a kick out of it. Non-hams will think it's just distorted."

Amodeo said that all the radio gear on the set is real, working and connected to antennas about 50 feet above the set. But since all the antennas are inside the stage, this reduces their efficiency. Amodeo told the ARRL that the radios are always on and lit whenever they are shooting scenes in the office. Hams on the Last Man Standing crew use the equipment to make contacts during their off-time. Amodeo also said that he plans to add vintage equipment to the shack in the future.

*ARRL Web Extra* courtesy of the American Radio Relay League

Has Roadway found the tower yet?

# ANNOUNCING THE TWELTH ANNUAL WASH 2 METER CONTEST!

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

Everyone who participated in it the last nine 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 8<sup>th</sup>!

**Date & Times:** Saturday, January 14<sup>th</sup>, 2012 from 7 to 11 PM EST.  
(That's January 15<sup>th</sup> 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:** None. Radios must be run "barefoot." No external amplifiers.

**Exchange** : Callsign, contact number, ZIP Code.

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 N3ZNI, please copy Number 3, 15347."

**Example 2:** "K3VX from K3CM, please copy Number 21, 16801"

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

**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

**Scoring:** Each Contact: 1 point

**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](http://www.n3sh.org), no later than January 1<sup>st</sup>.

**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 Ed Oelschlager, N3ZNI  
60 Carl Avenue B2  
Eighty Four, PA 15330-2829

Enclose a #10 SASE for return of results.

Entry Deadline: February 1<sup>st</sup>, 2012

**Each log submitted with SASE on or before the deadline will receive a main prize ticket to WASHFest 2012 on February 26<sup>th</sup>**

## 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.

Let me start off by saying I love just about every mode that ham radio has to offer even though I have my favorite, which is CW, I also like SSB and I get into the PSK31 kick every so often.

I have been doing PSK31 now for 10 years on and off and really enjoy the computer/radio interaction and the fact that one does not need much power to get out.

I just got back into it about a week ago after a 4-5 year absence and even though I have made dozens of contacts since, I have yet to make a "real" QSO. What I mean by that is the following... I either call or answer a CQ, after that comes the QTH, name and age all pre-programmed into a file, then the "brag" file and finally the "Signoff" file and that's it! I know for a fact some of the operators don't even touch the keyboard.

When I started ten years ago I thought there was a bit more interaction between hams on PSK31.

Am I alone here or is PSK just getting too mechanical?

— Gil Pita N2WJW

# WPA Emergency Communications Conference

John V. Rodgers N3MSE, ARRL WPa Section Manager

We are planning a Section-wide ARES Conference to enhance ARES communications support and communications support capabilities for emergency and public service. YOUR IMMEDIATE ATTENTION is needed to make this possible and to insure a first rate program. Your commitment is important as WPA-ARES has no budget or resource to cover expense. We must also assure participation to justify the time and effort of presenters. Your input is essential.

General concept: Consider a 1 – 1 ½ day conference. A 1 ½ day format starting Friday afternoon may attract more people traveling more than 250 miles. Overnight accommodations and meals are available at reasonable price. This format and offers more contact time and networking opportunities. The May date(s) occur after close of the regular University main session and accommodations are available

Theme: Communications Continuum

Target attendance 150

Program: Served agencies needs and relationships, Digital Applications, Smartphone and Tablet Apps, Repeater WAN , PEMA ACS, OES and more. Parking lot for vehicle display. Special event Table top plus.

Proposed Date: May 11, 12

Place: University of Pittsburgh, Johnstown. First class facilities, good location and accommodates a wide variety of activities. Examples include an all media auditorium and two classrooms for breakout sessions / displays. Overnight accommodations and meals at a very reasonable cost .

Amenities:

Meals- Breakfast \$7.50 / person, Lunch \$ 9.90 / person; Dinner \$13.20 / person Parking area for displays Overnight – Two options

Rooms: Conference Center \$60.00 per room per night (carpeted, air-conditioned, have a private bath, a mini microwave/fridge unit and are attached to the LLC meeting rooms.) Residence Hall: \$40.00 per room per night (Residence Halls are not carpeted or air-conditioned, but have a "suite" style setup where 2 rooms share a bath.) \*All rooms on campus have 2 single beds

Cost: Registration Fee \$20 by March 15, 2012 Meals and overnight accommodations in addition to registration . This may be reduced by sponsorship and donations. If you or your club can donate, please let me know ASAP.



PLEASE COPY & PASTE Into Your Browser & E-Mail To [AB3ER@ComCast.net](mailto:AB3ER@ComCast.net) SUBJECT: "CONFERENCE"

I will attend the conference at a cost of \$20.00 to be paid by March 15<sup>th</sup>. If the conference is cancelled due to lack of attendees, my check will be refunded. AGREE\_\_\_\_\_ ( Initials )

NAME: \_\_\_\_\_ CALLSIGN: \_\_\_\_\_ COUNTY: \_\_\_\_\_

SUGGESTED TOPICS \_\_\_\_\_

I WISH TO PRESENT A TOPIC: YES \_\_\_\_\_ I WILL ASSIST WITH THE PROGRAM: YES \_\_\_\_\_

How many hams are in this picture?  
(Yes, it's a trick question)



OK, OK... the bride is NOT a ham. Everyone else is, including the photographer. (How many do you recognize?)

And for 20 years, as of this month, she's put up with Ye Editor. Wish her a happy anniversary, will you?



"I don't like unpleasant surprises...  
and neither does Santa"

Photo courtesy of Warren Eggers KB2VXA



# WASHfest 2012

The South Hills Hamfest — Now in our **SEVENTEENTH** big year!

Sponsored by the WIRELESS ASSOCIATION OF SOUTH HILLS AMATEUR RADIO CLUB, INC.

Sunday, February 26<sup>th</sup>, 2012

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**

**DXCC Card Checking Available!**

Thanks Art Lund NQ3A

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!



- 1<sup>st</sup> Prize: Yaesu FT-450D
- 2<sup>nd</sup> Prize: Yaesu FT-7900R
- 3<sup>rd</sup> Prize: 32 Inch High Definition TV
- 4<sup>th</sup> Prize: Astron RS-35M



**Additional Hourly Door Prizes! Special Black Box Prize (Separate Drawing)!**

Main Prize tickets are \$2.00 each, 3 for \$5.00, 7 for \$10, 15 for \$20

**All Prizes Subject to last-minute changes**

**Please Note:** Early Table Reservations must be paid in full on or before January 31<sup>st</sup>, 2012. Reservations received after February 1<sup>st</sup>, 2012 must include payment in full. Reserve now... we have sold out in advance three years running!

For Table Reservations, or More Information, Please Contact:

Carol Danko KB3GMN at (412) 884-1466 [n3sbf@comcast.net](mailto:n3sbf@comcast.net)

E-mail us directly at [washarc@yahoo.com](mailto:washarc@yahoo.com) Check out our website too! [www.n3sh.org](http://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**  
PLEASE MAIL RESERVATION TO:  
**WASHfest 2012**  
c/o CAROL DANKO KB3GMN  
4246 Seton Drive  
Pittsburgh, PA 15227-1244

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 2012



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

(check quarter \_\_\_\_\_ →)  
(check one !)

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

- |                                                                        |         |         |         |        |
|------------------------------------------------------------------------|---------|---------|---------|--------|
| <input type="checkbox"/> (F1) Full Membership:                         | \$20.00 | \$15.00 | \$10.00 | \$5.00 |
| <input type="checkbox"/> (F2) Full Membership < 18 or > 65 yrs of age: | \$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: \_\_\_\_\_

Address: \_\_\_\_\_

City, State: \_\_\_\_\_

Home Phone: \_\_\_\_\_

Email Address: \_\_\_\_\_

Call Sign: \_\_\_\_\_

License Class: \_\_\_\_\_

Expires On: \_\_\_\_\_

Work Phone: \_\_\_\_\_

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 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)

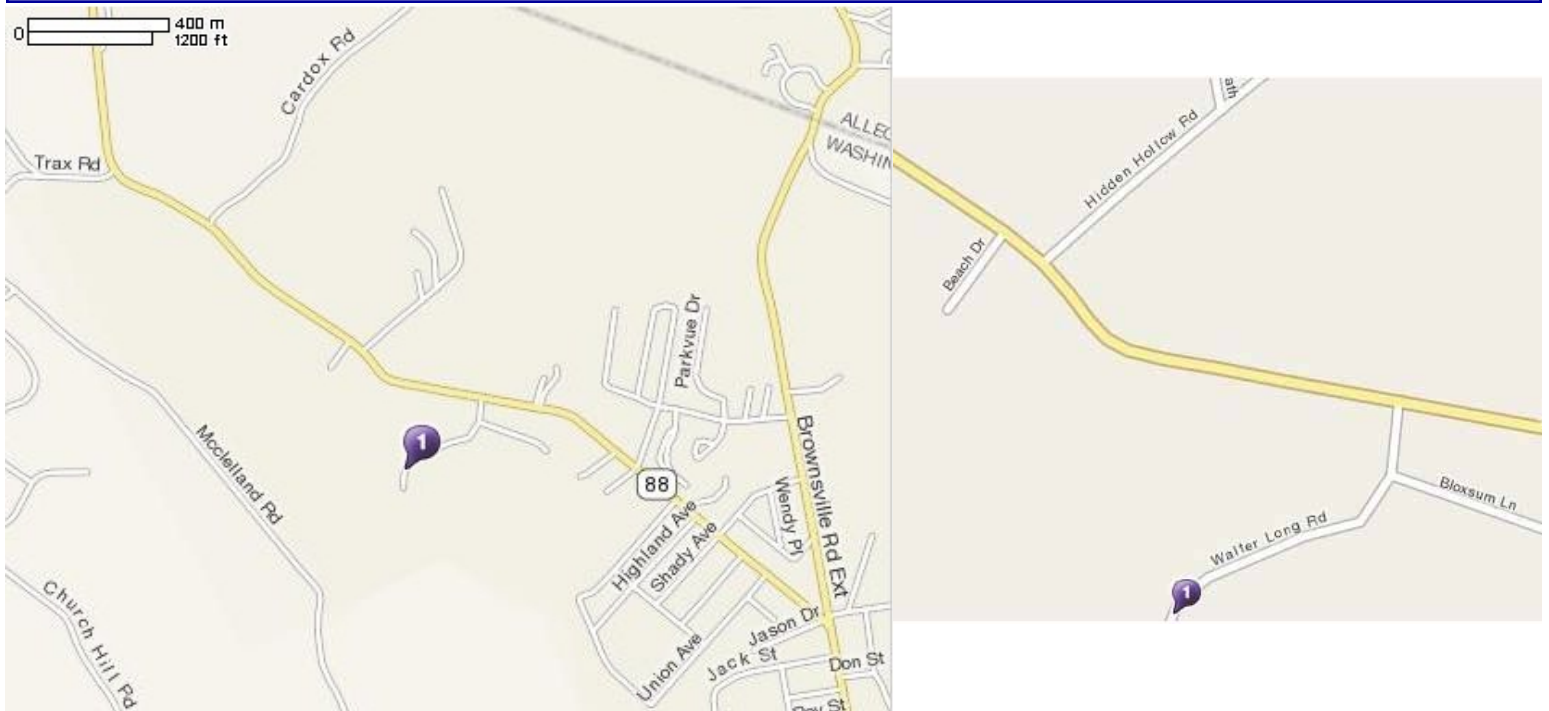
Dues subject to change without notice

Name & Call Sign: \_\_\_\_\_

Name & Call Sign: \_\_\_\_\_

Name & Call Sign: \_\_\_\_\_

# *Directions to Crossroads Ministries Church*



Take Library Road / State Route 88 to Walter Long Road (just past Mineral Beach & The Beach House), North of Finleyville. Turn onto Walter Long Road, follow it back to the church (which should be visible from the road).

## The *WASH*Rag

Wireless Association of South Hills, Inc.  
Ron Notarius W3WN, Editor  
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