



WASHRAGTM



VOLUME 17 ISSUE 05
MAY 2015

Wireless Association of South Hills



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



WASHRAG™



VOLUME 17 ISSUE 05

MAY 2015

Next Monthly Meeting: Thursday, May 7th, 2015

The next meeting of the **WIRELESS ASSOCIATION OF SOUTH HILLS, INC.** will be on **Thursday, May 7th 2015**, in the Conference Room at the **St. Clair Hospital Outpatient Center, 2000 Oxford Drive, Bethel Park, by South Hills Village & Village Square** (map on the back page). The room is available at 6:30 PM. The meeting will be starting at 7:00 PM.

This month's topics include N3SH Field Day 2015 planning, Breezeshooter's Hamfest, and more. See you there!

Cover Photo: Bob KC3DOF, Bill W3WH & Larry K3VX working on the antennas at the April 11th POTA (Parks on the Air) operation & FD operational test at our 2015 Field Day site, Woodland Crest grove, South Park

Photo courtesy of & © Copyright 1999, 2015 Harold Rosenberger K3HCR

WASH 2015 OFFICERS

EXECUTIVE COMMITTEE:

President	Carol Danko KB3GMN
VP / Secretary	Ben Williams KB3ERQ
VP / Treasurer	Mark Stabryla N3RDV

AND WE COULDN'T DO IT WITHOUT:

N3SH Trustee	Larry Comden K3VX
WA3SH Trustee	Rich Danko N3SBF
NP2SH Trustee	Paul Jordan NP2JF
N3SH WA3SH NP2SH/B QSL Manager	Ron Notarius W3WN
NP2SH 2009 QSL Manager	Carl Schroeder K9CS
VE Team Liaison	Ron Notarius W3WN
Webmaster	Sean Sleeman N3NWR
Asst. Webmaster	Ben Williams KB3ERQ
Quartermaster	Harold Rosenberger K3HCR
WASH FM Net Manager	Glen Roberts KE7FD
WASHFest 2016 Committee	Carol Danko KB3GMN, Chairman
	Bill Hill W3WH, Co-Chair
Activities & Operating Events	Rick Bell KB3IAC
Ways & Means	Carol Danko KB3GMN
WASH 2M Contest Chair	Ron Notarius W3WN
Field Day 2015 Coordinators	Larry Comden K3VX
	Rick Bell KB3IAC

CLUB-AFFILIATED REPEATERS, BEACONS, & DIGIPEATERS:

Mt. Lebanon	N3SH / R	146.955 MHz (-)	PL 131.8
North Side	N3SH / 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 LEGAL STUFF

"The WASHRag™" (formerly **"The Mariner™"**) is the Official Newsletter of the **WIRELESS ASSOCIATION OF SOUTH HILLS, INC. (WASH)**

Published Monthly with occasional Special Editions as warranted.

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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 & operators of both the N3SH/R Repeaters 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 July 16th

The Next WASH VE exam sessions will be **Thursday, July 16th, 2015, 7:00 PM**, at **WPXI-TV Community Room**, 4145 Evergreen Road, Pittsburgh, PA. Talk-in on the 146.955 MHz and 443.650 MHz repeaters. All examiners are ARRL VEC affiliated.

Walk-ins are accepted. However, if you plan on attending the test session, please contact VE Team Liason Ron Notarius W3WN:

Telephone (412) 572-6723 or E-Mail: w3wn@n3sh.org

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: Thursday, October 15th, 2015
Location: **WPXI Community Room**

Carol's Comments



Can you believe May is upon us. Finally warm weather came with it.

There are so many things knocking on our door! First will be Dayton Hamvention. I am wishing all those going to have a safe trip and great time. Hopefully they will bring home some goodies. Second is the Breezshooters Hamfest, on June 7th, along with our get together/lunch in our usual spot in the flea market. It is always a great gathering of friends, food and anyone who will stop to chat.

Last but not least will be Field Day which will fall on the 27th and 28th of June at the Woodcrest Grove in South Park. This has always been a fun field week end with our group and of course any visitors who may come to join in. This is a great time to get on the radio and hopefully make a lot of contacts.

And of course, let's not forget Mothers Day on May 10th. For those who still have your Mom with you enjoy them.

See you at the meeting on May 7th.

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

The CQ WW DX Contest committee has announced that 24 SSB entrants and 30 CW entrants on have been Disqualified for rules violations. Most of the violations involved using spotting assistance but not entering in an Assisted category. Additional stations received warnings for misc. infractions as well.

A bright but cool (and snowy!) Spring on the last Saturday morning of April brought fourth The Usual Suspects, aka the regular monthly gathering of the **WASH Breakfast Gang** at **Suzie B's**, Route 910 at the intersection of Route 519 at US 19 in Canonsburg. This month's gaggle was composed of W3WH, N3IDH, N3FB, KB3GMU, WB4GCS, N3DFK, K3HCR, K3SGT & Barb, KB3DCO, KB3YCX, KB3JHR and W3WN. Morning conversation covered ice fishing and wind issues, test session results, April morning snow, who's going to Dayton, International Marconi Day, the TS-990, POTA, witnessing an accident, TS-820 issues & problems, getting the truck's antennas to work, Omni VI+ issues on 10 meters, running a radio from a condo in Sarasota, working in a coke oven at 98° temperatures at or near 100% humidity, Field Day Class 2AB competition for 2015, 22 hours back from Hawaii, Field Day from Maine, Genealogy research, and operating from a Cruise Ship. And that was only about 25% of the many conversations!

Our next gathering will be on Saturday, May 30th, as usual at **Suzie B's**, Route 910 at the intersection of Route 519 at 19, Canonsburg. Our "usual" tables will be reserved, but please let Jim WB4GCS know ahead of time, so that Suzie & her crew will have enough space available for us. See you there?

2 Meter Contest Chair Needed: Ron W3WN is currently editing the newsletter, running the VE team, and running the 2 Meter Simplex contest. Between the three, and everything else that goes on, it's getting to be more than he can handle, and this year's contest suffered a bit as a result. So he would like to pass the event on to someone who would have more time available to devote to it. One possible person has already been asked, someone who also is already doing a lot for the club... so if anyone else would be interested, now would be the time to step up. The event needs someone who can concentrate on it, starting in the fall. It's not a lot of work, but it does require someone who can devote the proper amount of time to do it right.

The 2015 running of the **Breezeshooter's Hamfest** is coming up in a month, and once again, we'll be doing the annual **WASH Picnic at the Breezeshooters**. Details are on Page 10. If you're planning on coming to Breezeshooter's to set up, please try and join us down by the grandstand (our usual area); that way, if you need to walk away for a few minutes, there are other club members around who can keep an eye on things. If you're just coming to visit, stick around and join in the picnic. It's a great way to sit, relax, swap stories, swap tall tales about the bargains you found, and basically have a good time. And that's what it's all about, isn't it?

Field Day 2015 plans are already in full swing, with FD coming up at the end of June. Current plans are to do what we did last year, run a double operation — N3SH for SSB & Digital, WA3SH for CW. The CW stations will again be running (as currently planned) 2A Battery, QRP, using solar power. As Bill W3WH notes in his article on Page 6, the WA3SH op last year placed second in North America in our category, and that running with only 5 operators! A few more hands, and we should do as well or possibly even better this year (at least in terms of improving our score). We're going to be at a different location within South Park this year — Outlook was booked for graduation parties, so we'll be at **Woodland Crest** grove (a few more trees and a higher location than Outlook). So if you have any ideas or suggestions, or just want to let someone know when you'll be available, now is the time to talk with Larry K3VX and Rick KB3IAC.

On a personal note, it's hard to believe that it's been 19 years next month since Little Miss Field Day joined us. She is **graduating from High School** this year... with honors. Ye Editor guesses he must have done something right, for once. Danged if we know what it was, though...

Did you work **W1AW—WAS** last year during the ARRL centennial? WAS certificates and plaques are now available from the ARRL, along with the Centennial QSO Party certificates. They're nice looking certificates... make great wallpaper, too!

WASHNet 2015 NCS Schedule

05/03/2015	Fred KB3DCO	06/28/2015	Bob AB3ED
05/10/2015	Glen KE7FD	07/05/2015	Carol KB3GMN
05/17/2015	Digital Night	07/12/2015	Dave N3DFK
05/24/2015	Harold K3HCR	07/19/2015	Digital Night
05/31/2015	Larry K3VX	07/26/2015	Fred KB3DCO
06/07/2015	Rick KB3IAC	08/02/2015	Glen KE7FD
06/14/2015	Bill W3WH	08/09/2015	Harold K3HCR
06/21/2015	Digital Night	08/16/2015	Digital Night

Join WASH or Renew your Membership for 2015 Today! Membership Application on Page 11!

Minutes, April 2nd Meeting

Ron Notarius W3WN, Acting Secretary, **WASH**

Bill W3WH, presiding for the night, called the meeting to order at 19:00 hours. 13 members and guests were in attendance.

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

Motion to waive reading of the minutes based on the minutes printed in the newsletter by Gene KB3JHR, second by Larry K3VX, passed unanimously.

Committee reports:

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

Secretary (KB3ERQ): No report

VE (W3WN): Next VE session on April 16th at WPXI. We have 2 candidates pre-registered. Need at least one more VE.

Repeaters (N3FB): Still repeating

Repeaters Relocation (KB3IAC): No changes to plans yet, but now that the weather is changing, work will begin soon. Still have money in the budget for the final phase of updates.

WASHNet (KE7FD): All going well. Reminder to keep an eye on the N3SH website for NCS schedule changes and updates.

N3SH.ORG (N3NWR): No report

Contests (K3VX): Major contests are listed in the newsletter. Brief discussion of upcoming CQ WPX.

Field Day 2015 (K3VX): Bill & Larry inspected the site before the meeting, it was deemed "fine" for FD 2015. Short discussion on antennas to be utilized. We would like to run 2 CW stations for WA3SH/QRP, move the digi station to SSB or operate it under it's own call.

SOTA operation on April 11th, organized by KE7FD, weather permitting. Location will be Woodland Crest Grove in South Park, starting at 9 AM. This will be a "dry run" of the site for Field Day 2015.

WASHFest 2016 (KB3GMN): Short discussion on what we can do to improve **WASHFest** for next year.

Public Service (N3IDH): Pittsburgh Marathon in May. Susan G. Komen on Mother's Day. MS 150 in June.

Ways & Means (KB3GMN): None tonight

Newsletter (W3WN): No report.

President (KB3GMN): Reminder on behalf of Carol that the 2 Rivers ARC Hamfest on April 11th. Carol KB3GMN is getting a table for herself, anyone who'd like to join her is welcome.50/50 tonight

Old Business: None

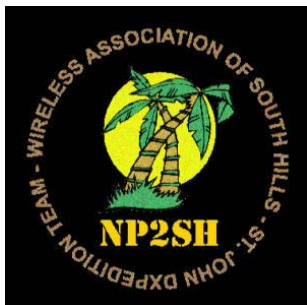
New Business: Discussion on how to get kids and young adults interested in Amateur Radio. Various proposals discussed. Bill suggested we think about it for a month and continue the discussion at the May meeting.

Good of the Order:

- Any interest in a tour of WPXI?
- Jim WB4GCS's antenna plans for Saturday have been cancelled due to expected weather conditions.
- We have Brownies!

Motion to Adjourn by Mark N3RCV, second by Harold K3HCR and carried.

Meeting adjourned 20:20



WASH Spotlight: Welcome!



At the April VE Exam, Joe Scheiber (left) and Leo Scheiber (right) of New Eagle, PA, are busy working on their Technician exams. Both passed with flying colors, and are now QRV as KC3EWZ and KC3EXA. Congratulations!

Photo courtesy of & © Copyright 2015 Ron Notarius W3WN

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 **Suzy B's**, Route 910 at the intersection of Route 519 at US 19, 1 mile North of Downtown Canonsburg. .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

AB3GM	KB3JHR	N3RHT	WASH FL	WASH OH	Silent Keys
AB3NM	KB3ORO	N3SBF	KA3UPY/M	N8DPW	
AE3DL	KB3PSB	NU3Q	W4ZE	WASH SC	AB3KA
K3HCR	KC3DOF	W3LE	WASH GA	N3RNK	K3EED
K3LGM	KC4WTT	W3RWS	K3OL	WASH TN	K3LIE
K3SGT	KE7FD	W3VFA	KB3IJX	KE3XB	KA3NMG
K3VX	N1NCZ	W3WH	WASH NE	N3YPB	KB3ENX
KB3DCO	N2QIV	W3WN	NØPEU	WASH TX	KB3FNM
KB3GMN	N3DFK	WA3VSS	WASH OR	K3LGM	KB3FQT
KB3GMP	N3FB	WB4GCS	NØVLR	Jane Wagner	N3FZ
KB3GMU	N3IDH		NØWPV	WASH VI	N3HKQ
KB3IAC	N3KFD		KB3NVL	NP2JF	N3KEH
KB3IVX	N3RDV		KB3NVM		N3OBD

If your call should be listed here & isn't, please contact Mark N3RDV

Through May 3rd, 2015

List compiled by

Mark Stabryla N3RDV, Vice President/Treasurer

2015 WASH Upcoming Events Calendar

Meeting Topics & Other Significant Club Events — Subject to Change

May 7 th	WASH Meeting	St. Clair Hospital Outpatient Center, 2000 Oxford Drive, Bethel Park
May 15 th — 17 th	DAYTON HAMVENTION	http://www.hamvention.org/
May 30 th — 31 st	CQ WPX Contest CW	http://www.cqwpw.com/
June 7 th	Breezeshooter's Hamfest	http://www.breezeshooters.org
June 7 th	WASH Picnic at the Breezeshooter's Hamfest	Flea Market, Butler Farm Show Grounds / Roe Airport, Butler PA
June 8 th	WASH Meeting	St. Clair Hospital Outpatient Center, 2000 Oxford Drive, Bethel Park
June 13 th — 14 th	ARRL June VHF Contest	http://www.arrl.org
June 27 th — 28 th	ARRL Field Day	http://www.arrl.org
June 27 th — 28 th	N3SH & WA3SH Field Day	Woodland Crest Grove, South Park
July 2 nd	WASH Meeting	St. Clair Hospital Outpatient Center, 2000 Oxford Drive, Bethel Park
July 16 th	WASH VE Exams	WPXI Community Room, 4145 Evergreen Road, Pittsburgh PA
August 6 th	WASH Meeting	St. Clair Hospital Outpatient Center, 2000 Oxford Drive, Bethel Park
September 3 rd	WASH Meeting	St. Clair Hospital Outpatient Center, 2000 Oxford Drive, Bethel Park

April VE Team Results

The latest WASH VE Team examination was held on April 16th, 2015, in the Community Room at the WPXI studios, 4145 Evergreen Road, Pittsburgh, off of I-279.

Two candidates sat for examinations, and both father & son left holding a CSCE showing that they had passed their Technician class examinations:

- ♦ Joe Scheiber KC3EWZ of New Eagle, PA
- ♦ Leo Scheiber KC3EXA of New Eagle, Pa

Congratulations to both of them!

Our thanks as always to the VE's who gave up their time to help administer the examinations:

- ♦ Rich Danko N3SBF
- ♦ Gary Dobbs AE8Q
- ♦ Ron Notarius W3WN
- ♦ Glen Roberts KE7FD

Special thanks and appreciation to Dave Morrison W3WX of the WPXI staff. Frank N3FB was away on business, so Dave acted as our official "host" for the evening.

Our next VE Exam will be on July 16th, again at the WPXI studios.

— 73, Ron Notarius W3WN
WASH VE Team Liason

Operators Needed

Amateur Radio Operators are needed to help provide communications for the 23rd Annual Susan G. Komen Race for the Cure on Mother's Day, May 10th, 2015.



Operators are needed for fixed points along the course, and to shadow the race officials.

The race begins at 6:30 AM, and will take place at Flagstaff Hill in Schenley Park.

If you are interested in volunteering for this worth cause, please contact Bob Mente NU3Q at (412) 279-9016, or nu3q@nu3q.us

"Seen" at the April Meeting

Photos courtesy of & © Copyright 2015 Ron Notarius W3WN



KB3DCO, N3FB, K3HCR



KB3IAC, KB3IVX



KE7FD



W3WH



N3RDV



KB3JHR



KB3YCX



K3VX, KC3DOF



K3HCR, KE7FD

Things I Think I Know: Field Day 2015

Bill Hill W3WH



Field Day is LESS than two months away. Wow! We'd better get busy and get our ourselves organized, so we're not scrambling at the last minute.

As we discussed at the last meeting that of plans are to run to CW QRP stations and pair the digital effort with the single sideband group. I hope that is still acceptable & workable for everyone.

The Woodland Crest Grove which we have reserved and South Park for Friday, Saturday and Sunday of Field Day weekend will work out well for us in terms of antennas shelter and parking. I believe it's also at the approximate high point of the park. Right now we intend to do preliminary set up on Friday which would include putting ropes in trees for antennas and generally organizing where things will go for Saturday and Sunday.

Field Day is by definition not a contest. All the efforts I've ever been involved in have cut a finished in the middle of the pack in whatever particular category we operated in that year. Last year was an exception for the CW guys in that we finished second in the country in the 2A QRP battery group. Our entry consisted of five operators, whereas the folks in the DC area that beat us had 12. I don't think we need 12 operators to compete with them or anybody else for that matter but we do need operators that are dedicated and willing to commit to at least 10 hours of operation on the air. Right now we have Larry, Bob, Ron and myself for CW. We could sure use more help. Between now and field day I will look into setting up the KX 3 so it will decode CW thus if somebody has a working knowledge of Morse with a code reader to help receiving and the logging program to help sending the messages even somebody who is not really up to speed (no pun intended) should be able to operate effectively. Since will have two transmitters if we could keep each one on the air for 20 hours an average 30 contacts per hour we could accrue 1200 contacts. We don't need that many to be the DC guys who last year had a little over 700.

If I understand correctly we will be attempting a satellite operation and all stations will operate with battery power with the possible exception of the tower trailer rotor which may need a generator as it did last year. Rick I hope you'll be bringing your solar panels again. We also need to think about erecting a screen room if possible since last year in the middle of the night the Beatles just about took over the operating positions.

I won't be at the May meeting, but I hope all the larger issues can be worked out at this meeting leaving only details for the June meeting.

Last year we had a wonderful Field Day with lots of visitors, outstanding food and great fellowship. If everybody pitches in, we will do it again only better this year.



Photos from April 11th POTA op courtesy of
and © Copyright 2015 Harold Rosenthal K3HCR



Amateur Radio Continues to Provide Communications in Nepal

American Radio Relay League

Amateur Radio has continued to provide reliable communication in the aftermath of the devastating April 25th 7.8 magnitude earthquake that struck an area in and around the capital of Kathmandu. The disaster has so far claimed more than 7300 lives.

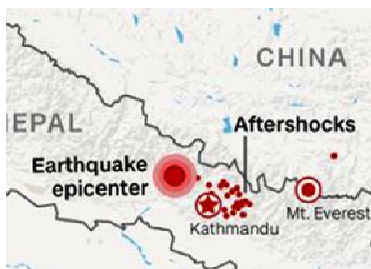
Amateur Radio's role has been to provide communication for responders working in more remote regions as well as to help in locating missing people. It also has served to convey information about casualties. Jayu Bhide VU2JAU, the Amateur Radio Society of India (ARSI) National Coordinator for Disaster Communication, said this week that rescue teams moved into highly devastated areas such as Pokhara and Sindupalchowk, where their work was hampered by rain and blocked roads. "Teams are unable to reach the remotest villages," he said. "The roads are cut off, and no communication is possible."

While Nepal's cell telephone infrastructure has been functional, the batteries in most mobile telephones have discharged. On his own initiative, Bhide was able to secure funds from the Lions Club in Gwalior, where he lives, to buy 500 mobile chargers. "These will be shipped to Nepal soon," he said.

No Nepali stations were on the air for all of May 4th, Bhide reported. "Everyone was waiting to get some updates, but no one was there," he said. Satish Kharel 9N1AA, who has been prominent among the hams in Nepal involved with the earthquake response, and Bhide now are maintaining contact every 2 hours.

Nepal has only about 2 dozen Amateur Radio licensees, according to Suresh Ojha, W6KTM, chairman of the [CAN-USA](#) Disaster Preparedness Committee. He said the Nepal government's lack of experience in regulating ham radio has hampered response efforts.

Nepali authorities last week arranged for hams from other countries to obtain 9N3-prefix call signs to assist in the earthquake relief effort, and several hams from India are in Nepal.



Back in November 2014, it was reported that The Nature Conservancy and the US Fish & Wildlife Service had developed a plan to accommodate amateur radio DXpeditions to [Palmyra Atoll](#) (OC-085), with 11-26 January 2016 as the first of two available spots next year.

Last week K9CT and N2TU announced that "the Palmyra Island DXpedition Group has been awarded permission to activate Cooper Island in the Palmyra Atoll during January 2016.

(The call used may be [K5E](#), this is unconfirmed as of deadline.)

A team of twelve highly experienced operators and veterans of many DXpeditions (KØIR, K4UEE, K6MM, K9CT, K9NW, N2TU, N9TK, ND2T, W0GJ, W3OA, W8HC and WB9Z) plan to operate five stations over a 14 day period, 160 to 6 meters on all modes, using a call sign to be announced at a later date.

The DXpedition's website <http://palmyra2016.org/> will provide updates as they become available.

425 DX News

Confirmations from the [K1N Navassa](#) operation earlier this year began appearing in Logbook of the World starting in late March or early April.

Amateurs who had donated to the DXpedition prior to it's start had LotW confirmations a few days after the team returned home. It appears that these other confirmations are for those who have donated during or after the DXpedition began

The [VKØEK](#) DXpedition team has been granted permission to visit the [Kerguelen Islands](#) after the conclusion of the operations at [Heard Island](#). "It is not yet determined whether a radio operation will be authorized", the team says, but "we are pursuing this possibility".

Back in January, the team had expressed hopes for a 3-4 days activity.

425 DX News

DX News Briefs

After the devastating earthquake that hit Nepal on 25 April, 14205 and 14215 kHz are being used by controlled nets for emergency radio traffic. Also 14300 kHz might be used, so please keep these frequencies 5 kHz clear of all transmissions unless you are directly involved in contacts with Nepal.



[GB7ØVE](#) will commemorate the 70th anniversary of VE Day throughout May. QSL via GØTOC – RNARS

[LZ2Ø5KM](#) celebrates St. Kiril & Methodius' Day (24 May) all month. QSL via LZ1BJ – LZ1BJ

URE has announced a series of eleven special event calls that will be active throughout May to celebrate the 150th anniversary of the ITU. They are [AO15ØA](#), [AO15ØE](#), [AO15ØG](#), [AO15ØH](#), [AO15ØI](#), [AO15ØN](#), [AO15ØO](#), [AO15ØR](#), [AO15ØT](#), [AO15ØU](#) and [AO15ØV](#). AO15ØU will be QRV from EA8. More information at <http://itu150.ure.es>. QSL via URE – EA1CS

[3XY5M](#) will be QRV throughout May on HF & 6 meters as time allows. QSL via PA7FM – PA5M

[GB1ØMF](#) is QRV through May to commemorate the sinking of the Lusitania. (MFA was the ship's callsign) More info at www.lusitania-gb100mfa.uk QSL via GØUVX – MRMSW

[EI1ØMF](#) is QRV through 10 May to commemorate the sinking of the Lusitania. QSL via EI4GZB – EI4GZB

7 Greek operators are QRV as [J49TSL](#) from Crete (EU-015) through 10 May, 80 – 6, SSB CW & RTTY. More info at www.qsl.net/sv2dgh/j49tsl. QSL via SV2DGH – SV2DGH

A "very large" number of Russian stations will be using the special prefix [RP7Ø](#) through 10 May to celebrate the 70th anniversary of the end of WW II. More information including QSL routes can be found at <http://pobeda.srr.ru/> -- I1JQJ

Look for [ZL7/F8FUA](#) from OC-038 Chatham Islands 7 – 13 May. He will be QRV CW, SSB & Rtty. QSL via F8FUA – DX World

DG4ABE will be QRV as [8Q7VI](#) 10 – 17 May, mainly digital with some SSB, 10 – 20 meters. QSL via DG4ABE – DX World

[OJØW](#) will be QRV from Market Reef EU-053 22-31 May, mainly CW with some SSB, 40 – 10 meters. QSL via OH3WS – NG3K

A team of 20 ops from the Mediterraneo DX Club will be QRV as [3W3MD](#) from Da Nang 31 October to 10 November. They will be QRV all bands & modes, 5 stations, 24x7 operating. Web site under construction and more information will soon be upcoming – MDXC

QSL Routes

3Z7ØVD via SP5KOG — KB8NW
4O7TC via UA3TCJ — KB8NW
5V7JH via DJ8NK — JA1HGY
5WØJY via JA1JQY — JA1HGY
C5DX via G4DJX — JA1HGY
C6ASZ via N8YSZ — KB8NW
C98RF via DL6DQW — W3AWU
EG1LSP via EA1GIB — W5FKX
EJØPL via SP9UUL — K7ACZ
EP6T via MØURX — LU2DKN
FW5JJ via F5RXL — FW5JJ
IR2EXPO via IK2TTO — KB8NW
J79AUS via F6AUS — F6AUS
J88PI via GW4DVB — KB8NW
OJØW via OH3WS — KB8NW
OP4K via ON4JZ — OP4K
OS4U via ON4DN — KB8NW
P4ØCD via MØOXO — KB8NW
P4ØFN via MØOXO — KB8NW
P4ØFY via MØOXO — KB8NW

PQØT via PP5BZ — K3BEQ
R175PIT via RK4W — RK4W
S79KB via DL2SBY — LU2DKN
T3ØD via DL4SVA — LU2DKN
T32RL via AD7AF — JA1HGY
TI5/N3KS via N3YIM — JA1HGY
TX7G via N7SMI — LU2DKN
TY1AA via I2YSB 00 W4DN
VK9DLX via DJ2MX — VK9DLX
VP8DOZ via ZL4PW — W2IRT
VP8DXU via W7XU — JA1HGY
VP8RAF via G8FC — JA1HGY
VP9AD via W3HNK — VP9AD
YJØX via ZL3PAH — LU2DKN
Z81Z via K4ZW — KB8NW
ZD8D via DL9HO — JA1HGY
ZD8N via G3ZVW — JA1HGY
ZD9ZS via ZS1S — LU2DKN
ZK3E via SP7DQR — LU2DKN
ZK3Q via SP7DQR — LU2DKN

Thanks to the NJDXA DX News & DX Chat Reflectors, the DX-QSL Reflector, 425 DX News, OPDX News, DX World.Net, 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.



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Antenna Zoning or PRB-1 Issues?

Contact: **Michael S. Lazaroff K3AIR, Attorney at Law**

The Cingolani Building

300 North McKean Street, Butler PA 16001

Phone: 724-283-0653

The **WASHRag** Masthead is courtesy of Jeff Murray K1NSS creator of DASHToons & Dash the Dog Faced Ham!!

Find the online cartoons and stories of Dash the Dogfaced Ham & more at www.dashtoons.com!

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The annual **Armed Forces Day Crossband Communications Test** set for Saturday and Sunday, May 9-10, will offer Amateur Radio operators a chance to try their hand at using more modern military communications modes, such as MIL-STD Serial PSK. Also new this year is the inclusion of a crossband Automatic Link Establishment (ALE) test. The Army, Air Force, Navy, Marine Corps, and Coast Guard cosponsor the joint military/Amateur Radio event which this year marks the 65th Armed Forces Day and the 90th anniversary of the Military Auxiliary Radio System (MARS). Armed Forces Day 2015 falls on May 16, but the crossband test is held on the earlier weekend to accommodate those visiting Dayton Hamvention May 15-17.

The annual event is a unique opportunity to test two-way communication between Amateur Radio and military stations. It features the traditional military-to-amateur crossband SSB voice, CW, MT63, and AMTOR FEC, plus MIL-STD Serial PSK and ALE, both new this year.

This annual event gives Amateur Radio operators and shortwave listeners (SWLs) an opportunity to demonstrate their technical skills, and to receive recognition from the appropriate military radio station.

QSL cards will be provided to all stations that make contact with the military stations.

Hams may use ALE Individual Call selective calling to connect with a military station, for voice communication. Amateur stations with ALE capability can contact a military station directly on specific half-duplex crossband channels. Military stations will scan and receive certain Amateur HFLINK ALE frequencies, and transmit on the corresponding military ALE frequency. Military stations will also transmit ALE station identification (soundings) on each military frequency at 30 to 90 minute intervals.

Those interested in trying the MIL-STD Serial PSK mode can download the free **MS-DMT** software. A [complete list](#) of participating military stations, operating modes, and times of operation is on the US Army MARS website and on its [Facebook](#) page.



FCC FCC News

Courtesy of the American Radio Relay League

Newington, CT, April 28th, 2015 — Amateur Radio is poised to gain access to two new bands! The FCC has allocated a new LF band, 135.7 to 137.8 kHz, to the Amateur Service on a secondary basis. Allocation of the 2.1 kHz segment, known as 2200 meters, was in accordance with the *Final Acts* of the 2007 World Radiocommunication Conference (WRC-07). The Commission also has proposed a new secondary 630 meter MF allocation at 472 to 479 kHz to Amateur Radio, implementing decisions made at WRC-12. No Amateur Radio operation will be permitted in either band until the FCC determines, on the basis of comments, the specific Part 97 rules it must frame to permit operation in the new bands. Amateur Radio would share both allocations with unlicensed Part 15 power line carrier (PLC) systems operated by utilities to control the power grid, as well as with other users. In addition, the FCC has raised the secondary Amateur Service allocation at 1900 to 2000 kHz to primary, while providing for continued use by currently unlicensed commercial fishing vessels of radio buoys on the "open sea."

The allocation changes, associated proposed rules, and suggested topics for comment are contained in a 257-page FCC [Report and Order, Order, and Notice of Proposed Rulemaking](#) addressing three dockets — ET-12-338, ET-15-99, and IB-06-123 — which affect various radio services in addition to the Amateur Service. The FCC released the document on April 27.

With respect to the new LF sliver band at 135.7-137.8 kHz, the FCC concluded that Amateur Radio and PLC systems can coexist there. "Since the Commission last considered this issue, amateurs have successfully operated in the band under experimental licenses without reported PLC interference," the FCC said. "We are also encouraged by the fact that numerous fixed radionavigation beacons, which operate at much higher powers, share spectrum with PLC systems without reported interference."

In 2003 the FCC turned down an ARRL proposal to create a 135.7-137.8 kHz Amateur Radio allocation, after utilities raised fears of a clash between Amateur Radio and PLC systems operating below the AM broadcast band. This time, the FCC said, "It is clear that we will have to establish appropriate requirements for amateur use of the band, if we are to ensure compatibility with PLC systems." WRC-07 set a maximum effective isotropic radiated power (EIRP) limit of 1 W, which is what the FCC is proposing.

The FCC said it "explicitly" rejects the suggestion that it choose one use of the spectrum over the other. "Our objective is to allocate spectrum on a secondary basis to amateur stations in a manner...compatible with existing PLC systems," the FCC said. "However, we also expect to permit amateur operators to make use of the allocation in a manner that is less burdensome and more productive than they are currently afforded under the experimental authorization process."

The Commission said that if it concludes, after considering the record, that Amateur Radio and PLC systems cannot coexist, it would "defer the adoption of service rules, and amateur users will have to continue to use the experimental licensing process to operate in the band."

With respect to the proposed 630 meter allocation, the FCC has proposed limiting amateur stations in the US to a maximum 5 W EIRP. In the US, 435-495 kHz is allocated to the Maritime Mobile Service on a primary basis for federal and non-federal use, and to the aeronautical radionavigation service on a secondary basis for federal use.

The ARRL submitted a *Petition for Rule Making* in 2012 asking the FCC to allocate 472-479 kHz to the Amateur Service on a secondary basis and to amend the Part 97 rules to provide for its use. Several countries, including Canada, already have access to the band. The ARRL has pointed out that during its extensive course of experimentation in the spectrum around 500 kHz, no interference reports have been received.

The FCC said that the "cornerstone" of the technical rules it's proposing for both bands is "physical separation between amateur stations and the transmission lines" carrying PLC signals. "Such a separation, in conjunction with limits on the amateur stations' transmitted EIRP and antenna heights, will enable PLC systems and amateur stations to coexist in these bands," the FCC asserted. "In addition, we propose to limit amateur stations to operations at fixed locations only, to ensure that this separation distance can be maintained reliably."

The FCC said it wants to hear from both PLC system users and radio amateurs regarding technical requirements it would have to put into place to permit both users to operate comfortably and without compromising the PLC systems. The Commission suggested that other requirements might include limits on antenna heights, transmitter power limits, and operating privilege limits based on license class or mode. The ARRL will file comments in the proceeding.

Has Roadway found the tower yet?

61st Annual BreezeShooters Hamfest & Computer Show

Sunday, June 7th, 2015 8:00 AM to 3:00 PM
at the Butler Farm Show Grounds, Roe Airport, Butler PA
\$5 Per Person Admission Donation

Indoor Tables & Tailgate / Flea Market Spaces Available

Flea Market spaces \$10 for the first space, \$5 for each additional space

Farm Show Grounds open at 5 PM May 31st for Vendor & Tailgate Setup

Indoor Tables \$20 per table and may be reserved by contacting
Bob Benna N3LWP (412) 366-0488

Or mail reservations to 1010 Willow Drive, Pittsburgh PA 15237

Table reservation cut-off date May 20th, 2015

More information on prizes and tables, please contact:

Bob Benna N3LWP (412) 366-0488 hamfest2014@breezeshooters.org

Download directions & the latest flyer from the BreezeShooters Web Site at
<http://www.breezeshooters.net>



Seventeenth Annual WASH Picnic at the Breezeshooter's Hamfest

Sunday, June 7th, 2015
from approximately 11:30 AM to 1:00 PM
At the **WASH** Club Location
Somewhere Out in the Flea Market

*(Look for us in the vicinity of the Grandstand, along the fence,
near the Wash House)*

*A tradition at the Breezeshooter's Hamfest for over 27 years on & off,
and a WASH formal or informal activity for the last 16!*

Spend the morning meeting your fellow WPA & Regional Hams, buying or selling stuff & dodging roving golf carts full of Breezeshooters — then join your fellow **WASH** members and our invited friends for lunch, friendship, bragging rights, and (if set up and operational) operating N3SH/3 from the Flea Market!

This will be a "Pot Luck/Covered Dish" Picnic — The Club has traditionally provides the burgers and hot dogs; we're asking everyone coming to bring buns, soft drinks, water, a side dish, snacks, fruit, cookies, dessert, ice, or whatever they can.

Contact Ron W3WN [w3wn at n3sh dot org](mailto:w3wn@n3sh.org) to coordinate who's bringing what.

There is no charge to attend (outside of bringing something to share) but the picnic is not open to the general public, only **WASH** members (including their families), friends & invited guests.



WIRELESS ASSOCIATION OF SOUTH HILLS, INC.

Membership Application/Renewal for 2015



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

(check quarter _____) →
(check one) ↓

	<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"/> (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: _____

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]

Signature: _____

Call Sign: _____

License Class: _____

Expires On: _____

Work Phone: _____

Birthday: _____

ARRL Member? ☐ Yes ☐ No Family ARRL Member? ☐ Yes ☐ No

Date: _____

Amount Enclosed: \$ _____

N3RDV has requested that 2015 membership requests and renewals include an application so that his information is up to date

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: _____

Address: _____

City, State, ZIP: _____

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)

Dues subject to change without notice

Call Sign: _____

Date of Birth: _____

Total Enclosed: \$ _____

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

Name & Call Sign: _____

Name & Call Sign: _____

Name & Call Sign: _____



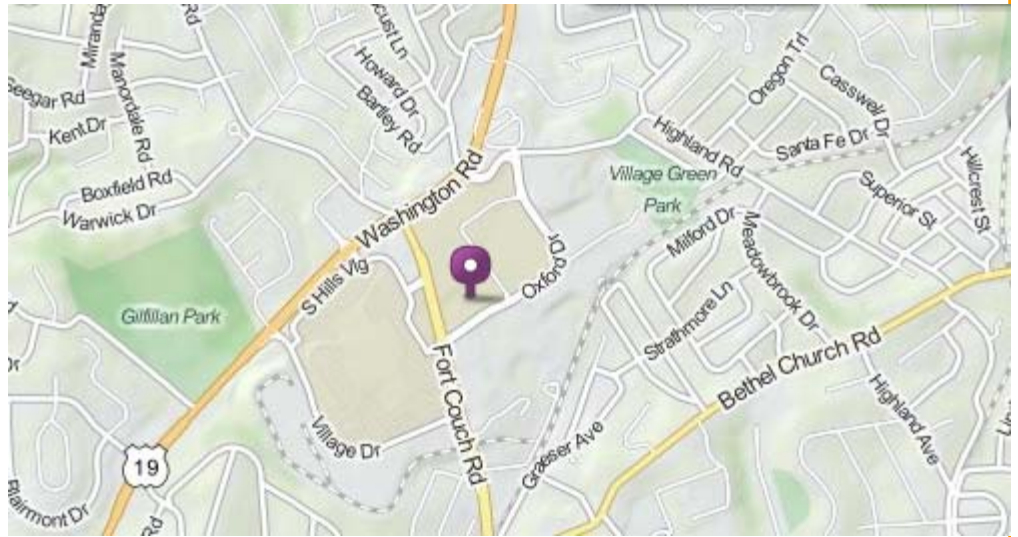
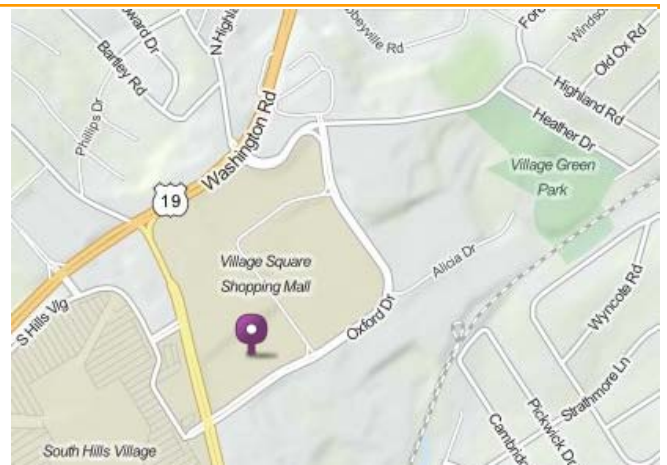
2015 WASH Meeting

Location

St. Clair Hospital Outpatient Center Conference Room

2000 Oxford Drive, Bethel Park PA 15102

Adjacent to Village Square Mall, across Ft. Couch Road from
South Hills Village Mall, just off of US Route 19



The WASHRag

Wireless Association of South Hills, Inc.

Ron Notarius W3WN, Editor

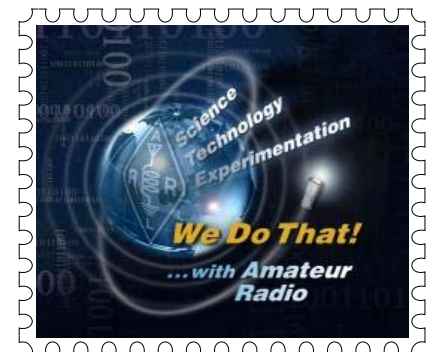
3395 Rosewood Drive

Castle Shannon, PA 15234-2546



N3SH / WA3SH
NP2SH/B

www.n3sh.org
www.washarc.org



You're **NOT**
coming to N3SH
Field Day 2015?
Seriously?

