

WASHRATM

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VOLUME 24 ISSUE 09
SEPTEMBER 2022

Wireless Association of South Hills

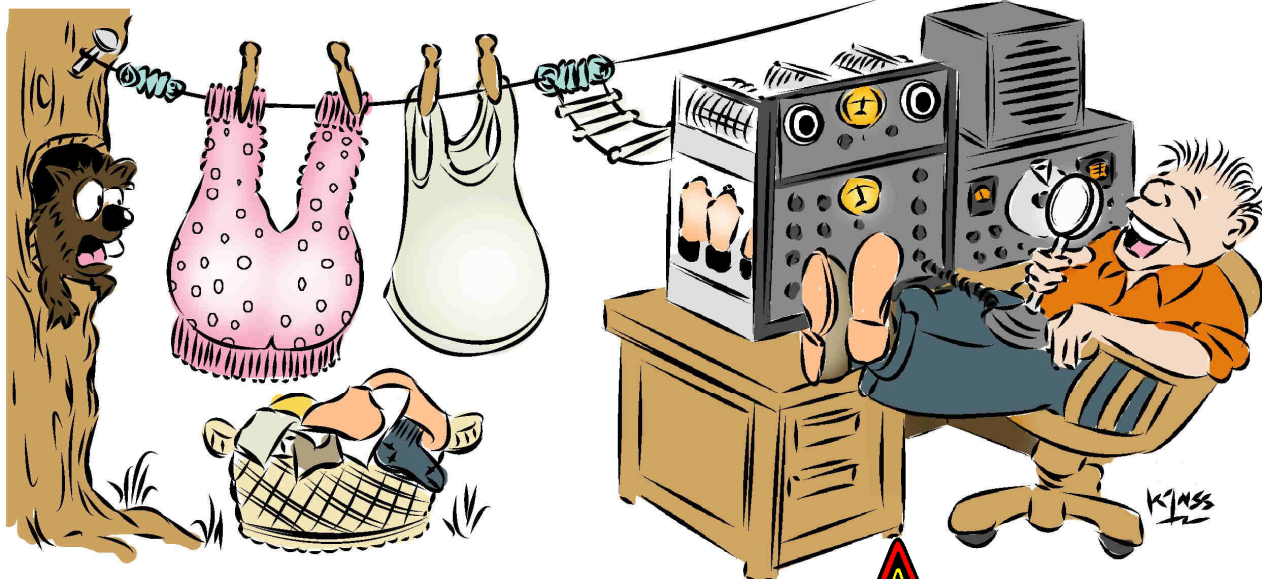


N3SH WA3SH NP2SH/B

www.n3sh.org



Wireless Association of South Hills



WASHRAG™



VOLUME 24 ISSUE 09

SEPTEMBER 2022

Next Monthly Meeting: Thursday, September 1st, 2022

The next scheduled meeting of the WIRELESS ASSOCIATION OF SOUTH HILLS, INC. will be on **Thursday, September 1st, 2022**, starting at 7 PM, at **Sunset Hills Grove, South Park**, 100 Acre Drive at Texas Road (the 2022 WASH Field Day site)

Topics: Fall Picnic, Pa QSO, Field Day 2023 & 2023 planning, **WASHFest 2023**, and more.

See you there!

Cover: ARRL Atlantic Division Director Tom W3TOM, WPA Section Manager Joe W3BC, and WPA Volunteer Counsel Mike K3AIR at the 2022 Skyview Radio Society Swap & Shop. Cover Photo courtesy of & © 2022 Ron Notarius W3WN

WASH 2022 OFFICERS

EXECUTIVE COMMITTEE:

President	Curtis Turner KB3CMT
VP / Secretary	Nathan Suehr KC3GMM
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	Grant Olson KC3MLC
Webmaster	Curtis Turner KB3CMT
Quartermaster	Harold Rosenberger K3HCR
WASH FM Net Manager	Chuck Bihun KC3ELA
WASHFest 2022 Committee	Glenn Roberts KE7FD, Co-Chair
	Bill Hill W3WH, Co-Chair
	Paul Lusardi NØVLR, Co-Chair
Activities & Operating Events	Rick Bell KB3IAC
Ways & Means	Carol Danko KB3GMN
WASH 2M Contest Chair	Chuck Bihun KC3ELA
Field Day 2022 Coordinator	Glen Roberts KE7FD

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 **Monday** Night, 8:00 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)**, a 501.C.3 not for profit organization.

Published Monthly with occasional Special Editions as warranted.

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Editor & Publisher: Ron Notarius W3WN

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Ron Notarius W3WN
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e-mail: newsletter@n3sh.org or w3wn@arrrl.net

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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 September 24th

The Next WASH VE exam session will be on **Saturday, September 24th, 2022, 12:00 Noon**, at **Sunset Hills Grove, South Park**, 100 Acres Drive at Texas Road, South Park Township. Talk-in on the 146.955 MHz repeater. All examiners are ARRL VEC affiliated.

Pre-registration is encouraged. Walk-ins taken on a space/time available basis.

If you plan on attending the test session, please contact VE Team Liason Grant Olson KC3MLC: kgo@grant-olson.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 in the amount of \$15.00 (payable to: ARRL VEC)

Note that the FCC now only accepts FRNs as identification numbers. If you don't have an FRN, please create one in advance at <https://apps.fcc.gov/coresWeb/publicHome.do>

Future test dates: To Be Determined

Curtis's Reflections



[Due to circumstances beyond his control, Curtis was unable to provide us with a few words this month.

See you the meeting and at the picnic!]

*— 73, Curtis Turner KB3CMT
President, WIRELESS ASSOCIATION OF
SOUTH HILLS, Inc.
N3SH / WA3SH / NP2SH*

APRS is evolving into LoRa APRS.

It will use low-cost, consumer off-the-shelf hardware.

The LoRa APRS frequency is 433,775 MHz, world wide

More information on this new mode is now available at https://github.com/lora-aprs/LoRa_APRS_Tracker/wiki, and <https://lora-aprs.info>

Reminders: The September WASH Meeting will be held at the 2022 Field Day Site: Sunset Hills Grove, 100 Acres Drive at Texas Road, South Park, starting at 7 PM. Map on the last page.

The Fall WASH Club Picnic will be held on Sunday afternoon, September 25th, at the 2023 Field Day Site: Babcock Grove, off Sesqui Drive (near the Wave Pool). Map on Page 11.

See you there!

Doesn't seem like the end of Summer already, does it? End of August has crept up on us!

It does feel good to write about the Club Picnic. Between one thing and another, it's been a while since we had one of those! Exact start/end times, and what to bring, and all that is to be determined, most likely at the meeting.

It feels good to write up a VEC session as well. It's been tough on Grant trying to get this scheduled, and let's hope that this is the start of many more in the coming months.

No word yet, as of deadline, regarding a 2022 **WACOM Hamfest** this year. There've been some rumors, but nothing concrete yet. We had really hoped to hear something prior to deadline. All we know for certain is that IF there is one this year, it will not be at the Washington County Fairgrounds. Problem was getting a commitment from the usual major vendors... KJ told us at the Uniontown Gabfest that there was an unfortunate family conflict this year (I mean, really, just because you're daughter is getting married that weekend... just kidding...) for one. We look forward to it every year, even when other events get in the way, so let's keep our collective fingers crossed, and hope to hear some good news from our friends in Washington very soon.

On the same note... word is that there are a whole bunch of **new officers for the Breezeshooters**, following this year's picnic/election at the end of July. But as of deadline, they're not listed on the Breezeshooter's website, and a promise at Skyview from a prominent member to email them to us didn't happen. Hopefully we'll have that information next month as well. (The 2022 Picnic information never got posted to the website either; it's almost as if someone didn't want casual members dropping in to vote... nah...)

Don't forget that **we need articles, pictures... content!** Or else... well, Ye Editor can be VERY creative, when he puts his mind to it...

The Fall and Winter contest seasons will be upon us before you know it. Let us not forget... **Pennsylvania QSO Party** in October! Seems like it's months away... and it is... but time has a habit of disappearing before you know it. (Can you believe that this is the 66th running of the Friendly Contest? Believe!)

And needless to say, **WASHFest** isn't that far behind. Carol KB3GMN is hard at work putting the 2023 event together. First Prize has been picked! She's now looking for other prize suggestions, and is just in the beginning of organizing things. So help and suggestions are very much appreciated. Now is the time!

Join WASH or Renew your Membership Today! Membership Application on Page 15

Minutes, August 4th Meeting

Nathan Suehr KC3GMM, Vice President / Secretary, WASH

Call to Order: 19:07. Presiding Officer: Curtis KB3CMT

No guests present.

Pledge of Allegiance, Moment of Silence for Silent Keys and others deserving.

Roll Call.

Committee Reports:

Treasurer: Mark Stabryla, (N3RDV): No report.

Secretary: Nathan Suehr (KC3GMM): No updates to the July minutes.

Repeaters: Frank (N3FB) – Repeating. Need a contact person at St. Clair for access to 2m repeater to investigate troubles.

- Glen (KE7FD) - Need to replace 2m machine?
- Frank (N3FB) - Visit the site first. Repeater built for amateur band and replacement would be expensive. Old machine is repairable. Filters and preamp could be trouble.
- Larry (K3VX) - When was the last time antenna and coax were checked?
- Frank (N3FB) - Probably since it was installed. Can check if suspected problem.
- Chuck (KC3ELA) - Is it possible to change announcements.
- Frank (N3FB) - Difficult but yes.

WASHNet: Charles (Chuck) Bihun, III (KC3ELA): Good levels of activity

Thursday Night Tech Net: Glen Roberts (KE7FD): No topic yet.

Public Service: Mike (WA3PYU): Nothing coming up until the Great Race at the end of September

Newsletter: Ron (W3WN): Published

Volunteer Examiners: Grant Olsen (KC3MLC): Saturday VE session at Babcock Grove on picnic weekend. Will get write-up together and notify ARRL VEC.

Ways & Means (including Member Contributions): Carol Danko (KB3GMN): Nothing to report.

WASHFest 2023: Carol Danko (KB3GMN):FTDX10 for hamfest prize. No suggestions yet for other prizes.

- Chuck (KC3ELA) - Put together prize package such as POTA kit with portable radio and portable antenna and chair etc.
- Glen (KE7FD) - Xiegu HF for second prize for POTA kit

Contests: Larry (K3VX): No report

President's Report - Curtis (KB3CMT): (No report)

New Business:

- Larry (K3VX) - what to do for meetings once weather turns?
- Curtis (KB3CMT) - Use restaurants with meeting rooms again.
- Bill (W3WH) - Babcock reserved September 23rd, 24th, 25th. September 24th network test, patch panel test, and VE session with radio demonstration. Put antennas up on Friday. Sunday picnic on September 25th..
- Field day - Committee assembled. Rotatable dipole on loan. Frank had suggested purchasing small yagi for tower trailer.
- Frank (N3FB) - Suggest an antenna that could be packaged with the trailer for quick deployment. Also, we wouldn't have to borrow equipment. UHF/VHF vertical for top.
- Bill (W3WH) - How much money for antennas?
- Frank (N3FB) - UHF/VHF vertical - \$100 - \$150 range.
- Glen (KE7FD) - HF Yagi can be \$600 - \$700.

Old Business:

- Curtis (KB3CMT) - Getting rid of tower trailer?
- Glen (KE7FD) - Only using the trailer once per year or twice per year, are we getting our money's worth out of it? Possibly use an enclosed trailer instead.
- Eric (K3SGT) - We already own the trailer and with adding antennas it would become more useful and might get used more often.
- Chuck (KC3ELA) - Could be look into a used broadcast van?
- Frank (N3FB) - Used broadcast van would be cost prohibitive.

Continued on Page 5

WASH Spotlight:



Separated at birth?

For your consideration... Nathan Suehr K3GMM on the left, Pittsburgh Pirates center fielder Bryan Reynolds on the right.

The real question is... can Nathan hit above the Mendoza Line?

Left photo courtesy of Ron Notarius W3WN

Right photo courtesy of ESPN.com

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 **Eat'n Park**, 3380 Washington Road (US 19), McMurray. Start time is about 8 AM until ????. Monitor 146.955 & 443.659 for talk-in or any last minute changes.

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

Wireless Association of South Hills Membership

AA3XY AE3DL K3GW K3HCR K3SGT K3VX K6DWR KA3VXM KB3BYA KB3CMT KB3GMN KB3GMU KB3GUZ KB3IAC KB3IVX KB3JHR KB3YCX	KC3ELA KC3GMM KC3MLC KC3NFV KC3OCT KC3QZY KC3RAA KC3RGV KC3TDX KC4WTT KE7FD NØVLR N3DFK N3FB N3IDH N3JSF N3KFD	N3RDV N3SBF N3TDV N3UE N8NEU NB3C NL7XM W3LE W3WH W3WN W8LEV WA3PYU WA3VSS WB4GCS Charmel Spirk	WASH FL KA3UPY/M WASH NE NØPEU WASH OH N8DPW WASH OR KB3NVL KB3NVM WASH SC N8NEU	WASH TN K3OL KE3XB N3YPB WASH TX NB3C K3LGM KB3IJX Jane Wagner WASH VI NP2JF	Silent Keys AB3KA AB3ED K3EED K3LIE KA3NMG KB3ENX KB3FNM KB3FQT KB3JHQ N3BPB N3CZZ N3FZ N3HKQ N3KEH N3OBD N3RNX N3SKR N3SRC N3ZEL N3XFE W3ZLK W4ZE WA3JPP
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If your call should be listed here & isn't, please contact Mark N3RDV

Through August 1st, 2022
List compiled by
Mark Stabryla N3RDV, Vice President/Treasurer

2022 WASH Upcoming Events Calendar

Club Meetings & Other Significant Events — Subject to Change

September 1 st	WASH Meeting	Sunset Hills Grove, 100 Acres Drive and Texas Road, South Park
September 11 th - 18 th	23 rd Annual Route 66 On The Air	Citrus Belt ARC website
September 11 th	Butler County ARA SwapFest 2022	Unionville VFD, 102 Mahood Road, Butler PA 16001
September 24 th	WASH Field Day 2023 Test	Babcock Grove, Sesqui Drive, South Park
September 24 th	WASH VEC Exams	Babcock Grove, Sesqui Drive, South Park
September 25 th	WASH Fall Picnic	Babcock Grove, Sesqui Drive, South Park
October 1 st & 2 nd	57 th California QSO Party	http://cqp.org
October 6 th	WASH Meeting	TBD
October 8 th & 9 th	66 th Pennsylvania QSO Party	http://www.paqso.org
October 29 th & 30 th	CQ WorldWide DX Contest SSB	https://www.cqww.com/
November 3 rd	WASH Meeting	TBD
November 5 th - 7 th	ARRL Sweepstakes CW	https://www.arrl.org
November 19 th - 21 st	ARRL Sweepstakes Phone	https://www.arrl.org

Meeting Minutes

continued from Page 4

- Ron (W3WN) - A vehicle with a mast would be nice but would have to work out who would maintain it. Tower trailer used to go with the club to events and attracted attention. It isn't used much anymore due to issues with damage, etc. We should use it more often.
- Further discussion about the pros and cons of operating out of a trailer
- Bill (W3WH) - Table the idea of selling the trailer for now and see how we use it.
- Bill (W3WH) - Motion to buy small Yagi and dual band UHF/VHF vertical for a combined total of less than \$1000.
- Second by Glenn (KE7FD).
- Glen (KE7FD) - Volunteered to research antenna. Frank (N3FB) and Ron (W3WN) to assist.
- Curtis (KB3CMT) - Glen (KE7FD), Ron, and Frank to form committee to research and price antennas. Vote next meeting with number. Bill's (W3WH) previous motion amended to reflect this. Second by Ron (W3WN).
- Chuck (KC3ELA) - Suggestion to purchase banners with club callsign for tower trailer.
- Frank (N3FB) - Update about patch panel work. Current 80m filter designed for European band. Would do better for CW. Patch panel apart. Ground block was not connected well. Progress being made.
- Curtis (KB3CMT) - Two options for storage facility. Guardian didn't work out. Store It on Mayview Rd \$44/month for 5x8. Outdoor storage also available.
- Kathy (KA3VXM) - Has dealt with them before and recommends them.
- Curtis (KB3CMT) - Motion for \$44/month for storage facility. Second by Mike (WA3PYU). Carried
- Curtis (KB3CMT) - Storage is not climate controlled.
- Carol (KB3GMN) - Next meeting at Sunset?
- Curtis (KB3CMT) - September meeting at Sunset.

Motion to adjourn by Bill (W3WH). Second by Carol (KB3GMN)
Adjourned at 7:58 PM 8/4/2022

"Seen" at the August 2022 Meeting

Photos courtesy of and © Copyright 2022
Ron Notarius W3WN





2022 Ohio QSO Party Trip

Bill Hill W3WH
Photos courtesy of and (c) Copyright
2022 Bill Hill W3WH

Canonsburg, PA, August 28th, 2022 – On Saturday August 27th, K3VX and I drove to Jefferson County, OH to Jefferson Lake County Park to participate in the Ohio QSO Party. All the needed gear was packed easily in Larry's Hyundai SUV and off we went on the hour or so drive.

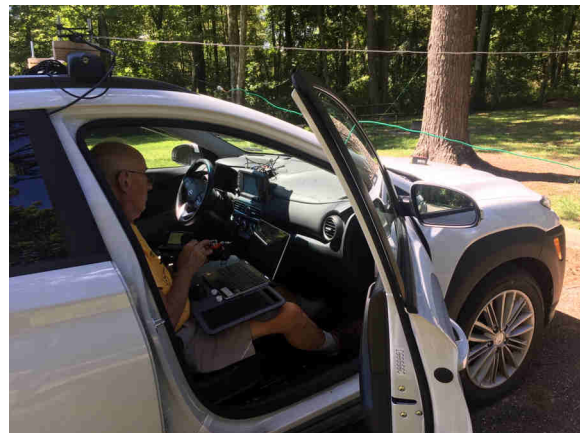
When we arrived at the Park we were concerned if anyone would be able to hear us because the Lake is really in a "hole" surrounded by hills. As a result we explored further and found that the Park Campground is situated on much

higher and friendlier ground for radio ops.

We set up our mighty 15' high end fed wire and counterpoise and fired up Larry's ICOM 7100. We were surprised with easily completed QSOs both Search and Pounce and CQs. All our contacts were CW except one.

We only operated a couple of hours because we forgot to bring food and the need to eat won over the need to operate but we're both pleased with the day and recommend you try other nearby events as they come up. You don't need a fancy setup to have fun and even our end fed which varies from 15' to about 5' got good reports It was time well spent.

Checking the Reverse Beacon Network will tell you where and how well your signal is heard.



Letters to the Editor?

Bill Hill W3WH

Canonsburg, PA, August 28th, 2022 – As many readers may have noticed, most issues of the **WASHRag** include articles provided by Club members. As one of the writers of these articles I've noticed that virtually no one offers any comments about these varied subjects. I have to wonder if anyone is reading what is written or do they care one way or another.

Our outstanding Editor goes to the trouble of publishing the **WASHRag** each month and he does an outstanding job. Yes, he has received Kudos at Club meetings from time to time but it certainly would be appropriate if someone said they like or dislike what he does and how he does it.

So lets hear from readers with your opinions. Just my \$.02

September Field Day Test and Club Fall Picnic September 24th & 25th

Bill Hill W3WH

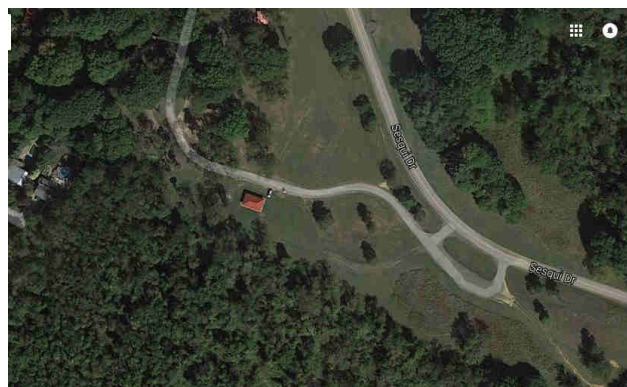
Canonsburg, PA, August 28th, 2022 – In an effort to make next June's Field Day the best we can do, we're having a Field Day Test on **Saturday, September 24th**, at Babcock Grove in South Park. In addition to testing our newly refurbished Patch Panel and trying out our LAN, we hope to demonstrate "Ham Radio on the Air" to folks who will have taken (and hopefully passed) license exams at our VE Session that is scheduled at Babcock that day as well.

We'll have all our usual Field Day antennas up for use and anyone who wants to "get on the Air" will have an opportunity to do so.

Since we have the Grove for the entire weekend a Club Picnic is scheduled for **Sunday afternoon, September 25th**. Don't worry about the Steelers. They're playing Thursday night, so come to the picnic so come to the picnic and we can talk about radio and the Steelers while we eat.

If you have any questions about the events of the weekend please get in touch with Larry K3VX or me Bill W3WH. We hope to see lots of folks there taking advantage of what should be a beautiful late summer/early Fall Day.

[Map and directions on Page 11](#)



"Seen" at the W3PIE Gabfest

Photos courtesy of and (c)
Copyright 2022 Frank Bobro
N3FB



Photos courtesy of and (c)
Copyright 2022 Ron Notarius
W3WN



"Seen" at the Skyview Swap 'n' Shop

Photos courtesy of and (c)
Copyright 2022 Ron Notarius
W3WN



Does "Cookie" / Radio
Free Bob shop at
Spatula City?



This is about as close as Ye Editor is
going to get to owning one of these!



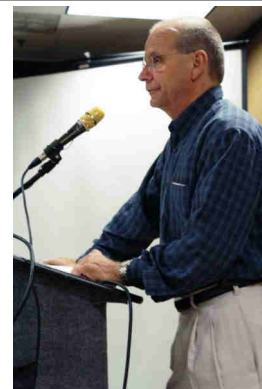
July 2022 Volunteer Monitor Program Reports

Riley Hollingsworth K4ZDH, VM Program Administrator

Gettysburg, PA, August 19th, 2022 –The Volunteer Monitor (VM) Program is a joint initiative between ARRL and the FCC to enhance compliance in the Amateur Radio Service. This is the July 2022 activity report of the VM Program.

- Notices for unlicensed operation on 2-meter amateur frequencies were sent to two logging companies in Kettle Falls, Washington.
- Commendations were issued to amateurs in Poughkeepsie, New York, for work in conducting the community daily bulletin board on the 146.97 MHz Mt. Beacon repeater, and Roslyn, Pennsylvania, for work with the Phil-Mont Mobile Radio Club, and involving the club in MESH and Field Day operations.
- A commendation was issued to an operator in Columbia, South Carolina, for facilitating amateur involvement in the Richland County Emergency Operations Center and assisting amateurs in completing CERT programs.
- A Technician-class operator in Martinez, California and a General-class operator in Trenton, New Jersey were issued notices for FT8 operation on 40- and 20-meter frequencies outside their license privileges.
- General-class operators in Massapequa, New York, and Trenton, New Jersey, were issued notices for SSB operation on 14.201 and 21.270 MHz. General-class operators have no voice privileges below 14.225 and 21.275 MHz.
- An operator in Indian Hills, California received a notice for unlicensed operation on 144.390 MHz simplex APRS during a high-altitude balloon operation. The FCC had canceled his license over a year before the flight.

The final totals for VM monitoring during June 2022 were 1,676 hours on HF frequencies, and 2,099 hours on VHF frequencies and above, for a total of 3,775 hours.



The Trans-Atlantic Centenary Tests

Radio Society of Great Britain

London, England, UK, August 28th, 2022 –The RSGB is hosting an International Amateur Radio Activation, **The Transatlantic Centenary Tests**, on the HF bands, for the entire month of December 2022, to commemorate the centenary of the achievement of Amateur Transatlantic communication, during the Transatlantic Tests that were held between 1921 and 1923.

24 December 1922 was when the very first amateur radio signal from Europe was heard in North America; this was from the RSGB station (G)5WS which was established at Wandsworth in South London, as part of the Third Transatlantic Tests.

Unlike the tests of the 1920s, which consisted of one-way communication, the 2022 tests will encourage world-wide two-way communication with UK & Crown Dependency based stations by having a series of awards available for making QSOs with activating special stations. The Club Log team have kindly agreed to provide the supporting infrastructure for the Tests.

In anticipation of this centenary celebration, with the assistance of Ofcom (the UK licensing authority), the RSGB have reactivated five call signs which they held in the 1920s:

- G5WS, used for the 1922 tests – “the first to get across”
- G5AT, used for the 1923 tests
- G6XX, used for the 1923 tests
- G6ZZ, used for the first amateur tests on a moving railway train in 1924
- G3DR, Scottish Highlands Call - GM3DR.

These historic call signs will be activated by RSGB members and Clubs, using G5WS, G5AT, G6XX, G6ZZ and G3DR (England), GM5WS (Scotland), GW5WS (Wales), GU5WS (Guernsey), GD5WS (Isle of Man), GJ5WS (Jersey) and GI5WS (Northern Ireland). QSL all via MØOXO OQRS only.

Full details of how to participate will be published on the RSGB website at <https://rsgb.org/transatlantic-tests/>



A Radio Relic

Waukesha, WI, August 6th, 2022 – The Astronomy Magazine site carries a picture of the radio telescope built in 1937 by radio amateur **Grote Reber W9GFZ**

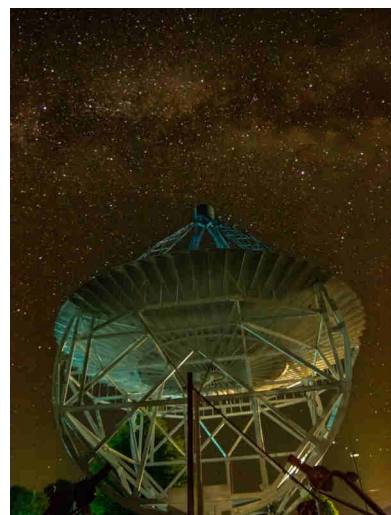
Grote Reber was a Chicago-area engineer and ham radio operator who sought, unsuccessfully, to land a job with Karl Jansky after the pioneering radio astronomer's discovery of radio emission from the Milky Way.

In 1937, Reber decided to build his own radio telescope. He used the resulting 9.6-meter dish to confirm Jansky's discovery and published radio-sky surveys in the following years.

In the early 1960s, he donated the telescope to the National Radio Astronomy Observatory in Green Bank, West Virginia, where it sits now as a historic monument.

This photo, credited to Ken Wilson from Mechanicsville, VA, is a 14-second exposure taken with a Canon DSLR at ISO 3200 and a 14mm lens at f/4, see <https://astronomy.com/photos/picture-of-day/2022/08/a-radio-relic>

Thanks to Southgate (ARC) Amateur Radio News for the link



Directions to Babcock Grove, South Park

Babcock Grove is located on Sesqui Drive in South Park. (See map right)

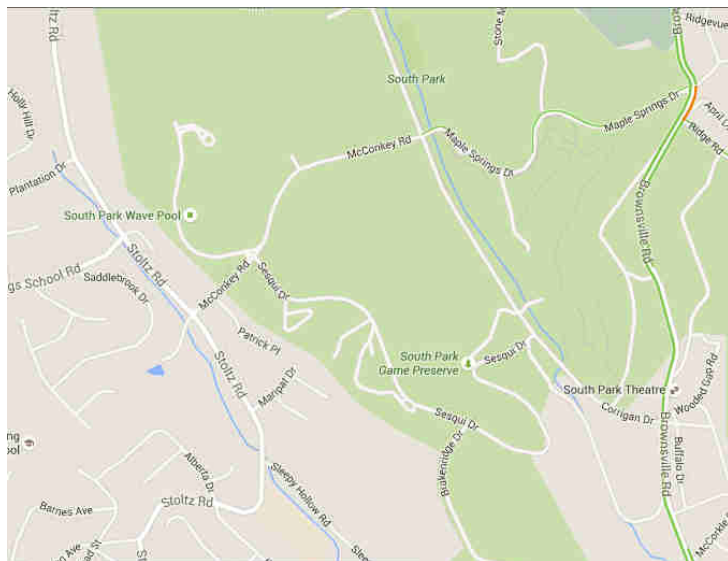
Enter South Park (from either Library Road or Brownsville Road) and proceed to Corrigan Drive.



From Corrigan, turn onto McConkey (opposite side of the light is Maple Springs Drive), head towards the Wave Pool.

At the entrance to the Wave Pool parking area (on the right), turn LEFT onto Sesqui Drive

Follow Sesqui Drive to Babcock Grove (on the right side)



End of Mission for Two Amateur Radio CubeSats

From the Manila Bulletin
Courtesy of Southgate
(ARC) Amateur Radio News

Manila, Philippines, August 9th, 2022 – The Manila Bulletin reports on two amateur radio CubeSat's, built by Philippine students and carrying APRS Digipeaters, that have now re-entered the Earth's atmosphere

The newspaper says:

After 10 months in orbit, the country's first local university-built Filipino cube satellites (CubeSats) Maya-3 and Maya-4 re-entered the Earth's atmosphere August 4th and August 8th respectively, ending their mission, the Philippine Space Agency said on Tuesday, August 9th.

Built in a local university setting, the two cube satellites were designed and developed by the first batch of scholars under the Space Science and Technology Proliferation through University Partnerships (STeP-UP) project of the STAMINA4Space Program.

"Maya-3 and Maya-4 were pivotal in the development of the local space industry. These CubeSats are experimental and educational platforms, and while all low earth orbiting satellites will eventually fall to earth, what matters more are the lasting intangibles that the project brought – knowledge, skill, partnerships, and confidence that we can do it," said Dr. Maricor Soriano, program leader of STAMINA4Space Program.

Read the full story at <https://mb.com.ph/2022/08/09/first-locally-built-ph-cubesats-maya-3-maya-4-end-mission-philsa/>



Butler County ARA Swapfest 2022 **Sunday, September 11th, 2021, 8:00 AM—3:00 PM**

Grounds Open at 6 AM for Vendors & Tailgaters

Unionville Volunteer Fire Department

102 Mahood Road (at Route 8 North), Butler, PA 16001

Talk-in on 147.360 PL 131.8 Admission \$5

More Information at <http://www.w3udx.org>



3Y0J Press Release 11

Ken Opskar LA7GIA, Rune Oye LA7THA, Erwann Merrien LB1QI

Oslo, Norway, August 30th, 2022 – Amateur Radio DXpeditions (ARD) is making great progress for our upcoming 3Y0J Bouvet DXpedition! With only four months left until we go onshore Bouvet, we approach September that will come with two major milestones for us.

One major milestone is the shipping of the Container from Norway that is scheduled on September 18th. From Oslo the container will be shipped to Falkland Island where a team of local hams lead by Don VP8ON will make an effort to inspect the content before our arrival.

The 3Y0J team is currently busy packing all our equipment at our staging site at Oslo airport, where we for the next few weeks will finalize the packing of the equipment. This will end an extremely busy period for us.

We have been through 12 months of purchasing, assembling, testing, and packing the equipment. The team has worked hard, and ultimately shipping the container will complete this intensive period of work that will enable us to achieve our goal to activate the rare #2 DXCC Bouvetøya. Rest assured this is a well-planned DXpedition!

We have detailed out the logistic plan and have made a few changes. Among the improvements are:

- We have bought yet another outboard engine enabling us to use two zodiac boats simultaneously during beach landing to speed up the unloading of gear. In addition, we have a 3rd spare zodiac and engine. Having a pair of zodiac's is a great advantage to us as we have developed a plan for going onshore Bouvet even for a short weather window down to 2h.
- We have swapped the Yanmar generators with 5 kW Hyundai generators that will enable us to run full station setup with only 2 out of 4 diesel gens. It means that we are less dependent on a long duration of good weather to achieve a good setup.
- We have carried out a risk analysis and identified 37 hazards and assessed the risk for each hazard. 10 hazards are identified as "high" risk and 17 "medium", all which have been mitigated to an acceptable residual risk level. We have prepared a plan for rationing of food and water in case resupplies are difficult, and when we unload operators and equipment onshore Bouvet, they will be self-sufficient for 28 days without needing resupplies.

The second milestone for September is the payment of the 3rd deposit for the Marama contract. This payment is a major commitment from the team and our sponsors individual and clubs, that we together will make this happen. We thank each and every one of you who have contributed to pay a share of the vessel cost to have the opportunity to work Bouvet. We still need \$70,000 to be able to go to Bouvet. If you want to see Bouvet activated, please consider to donate.

You can follow our plans from our website and the 3Y0J Facebook pages:

<http://www.3y0j.no>

<https://www.facebook.com/groups/3093983840726129>



DX News Briefs

A35JP is currently QRV through 30 September, 80 -6, CW SSB & FT8. More information at <http://blog.goo.ne.jp/rqv> QSL via JØRAV

DR10ØRY is QRV through 31 December to celebrate the 100th anniversary of Radio Teletype. QSL via DF2SD

E41TM is a newly licensed ham in Gaza, effective 24 August for 1 year. He is QRV on 40 – 15. More information on <https://www.facebook.com/thabet555/>.

Special Event Station **BVØSC** will be QRV 3 – 4 September during the 2022 Sun Moon Lake International Swimming Carnival. QSL via BX5ABA

Z68XX will be QRV 9-12 September. QSL via DL2JRM

Z68EE will be QRV 15-17 September. QSL via OZ2I

VQ9SC will be QRV 16 September - 16 November, during off hours from work, primarily FT8. QSL via WB2REM

3A/F5LIT will be QRV 17-20 September, various HF bands. QSL via LotW

VQ9SC will be QRV 16 September - 16 November, during off hours from work, primarily FT8. QSL via WB2REM

JWØE will be QRV from the JW5E club station 19 – 26 September, with a 9 operator team from the Dateline DX Association. They plan to run 3 stations simultaneously as propagation allows, CW SSB and FT8. More information at <https://www.qrz.com/db/JW0A> QSL Route TBA.

D6ØAE will be QRV 5 – 17 October from Comoros Islands (AF-007), 160-10, CW. SSB. RTTY and FT4/8/ More information at <https://comores2022.wordpress.com/> QSL via F5GSJ

FG4KH will be QRV 17 October - 2 November, holiday style. QSL via F1DUZ

P29RO will be QRV 25 October to 10 November from Loloata Island (OC-240) QSL via ClubLog

VK9CM will be QRV 26 October – 3 November from Cocos Keeling, 80 -10, CW SSB RTTY & FT8.. QSL via EB7DX

7A2A will be QRV 29-30 October from Central Java. QSL via YB2DX

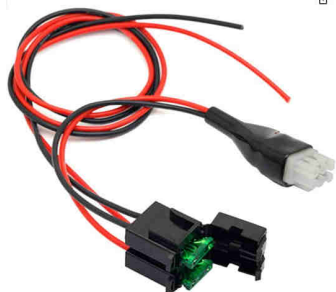
T88WA will be QRV 2-14 November from Koror by members of the Western WA DX Club. QSL via MØURX

FP/KV1J will be QRV from the island of Miquelon (NA-032) in June and July 2023, 80 -10 including 60, possibly 160. More information at <http://www.kv1j.com/fp> QSL via KV1J

QSL Routes

3D2TS via MØOXO	EP2FAR via RW6HS	PA5ØPKZ via PA2PKZ
4L8A via MØOXO	EV6Z via DL8KAC	PJ2MAN via EC5AHA
5B4AMM via UT5UDX	FM5DN via KU9C	PJ4KY via MØURX
5R8AL via G3SWH	FR8UA via F4FTV	R153ØIG via RV3VR
5R8LH via IK2DUW	GS5DX via EB7DX	R275E via RK4CL
6E2RCG via XE2ML	H44MS via DL2GAC	RG2ØLH via RZ3EC
7G1RL via HA3JB	HI8J via RW6HS	RU2ØLH via RZ3EC
8A526REOG via	HSØZJF via ON4AFU	SN5ØØGM via SP5PMU
8H77D via YB3EDD	HVØA via IKØFVC	SQ75ZØT via SP1EG
8P6ET via KU9C	IP6POPE via IZ6BRJ	SV9/SVØXB via VK2IR
9A/E77DX/P via E73Y	IR1DCI/3 via	TM11SRV via F5KCC
9A24ZRF via 9A7ALZ	IK1GPG	TM3GGR via F6KUF
9A655AX via 9A5AX	ISØ/ØM2TW via	V31XX via K4XS
9K2OW via EC6DX	ØM2FY	VKØMQ via MØOXO
A65DR via N4GNN	LY77ØCT via LY1CT	XE1HG via EA5GL
AP75HA via AP2HA	ØD5ET via EB7DX	YBØKAR via EA7FTR
AU75SMN via VU2SMN	ØD5ZF via IZ8CLM	Y51RR via W3HNK
AU75SMS via VU2SMS	ØD5ZZ via N4GNN	Z36T via DJØLZ
CN8SG via EA7FTR	ØGØC via ØH5C	ZF2ØØ via WB2REM
CQ7LH via CT7AOV	ØK5M via ØK5MM	ZV8C via PQ8SL
CX3AT via EA5GL	ØX3XR via PA3249	ZX8F via PS8RV
D44PM via IZ4DPV	ØZØQ via ØZ7IT	
D73G via HL4CCM	ØZ11A via ØZ6ABA	
DFØSAX via DL3DXX	PA22VUELTA via	
EH5FRV via EC5AJU	P14UTR	

Spotted on Amazon



Kymate 30A 6-pin 12AWG DC Power Supply Cable for Yaesu FT-847 FT-857D FT-897D Kenwood TS-50s TS-430s TS-440s TS-450s TS-2000 Icom IC-706 IC-746 IC-78 Alinco DX-70 DX-77 Mobile Radio Power-Cord
Brand: Kymate
Model: K-30-6
Length: 10' (3.05m)
Current Rating: 30A
Voltage: 12VDC
Price: \$12.89 (prime One-Day & FREE Returns)
You Save: \$1.80 (12%)

Get a \$125 Amazon.com Gift Card upon approval for the Amazon Business Prime American Express Card. Terms apply.

Brand: Kymate

Connector: Male-to-Female

Gender: Male-to-Female

Input Current: 30 Amps

Length: 10.0'

About this item

- 12AWG cables, 30A fuse, made by high temperature and anti-combustion materials.
- With a **special fuse to protect the low resistance** from high-pressure damage.
- High temperature resistant super soft silicone wire, low loss dense wire core.
- Temperature resistance, good insulation, Material is good, safe and durable.

Roll over image to zoom in

Ah... special fuse? (Courtesy of Shawn Upton KB1CKT)

Thanks to the NJDXA DX News Reflector, the DX-QSL Reflector, 425 DX News, OPDX News, DX Coffee, DX World.Net, ICPO Bulletin, & ARRL DX Bulletin for our DX News information. Thanks also to the 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.**

HAM RADIO INSURANCE ASSOCIATES, INC.

P.O. Box 201

Canonsburg, PA 15317-0201

Toll-Free 1-800-545-8881

Fax: (412) 746-5944

bill.hill@hamradioinsurance.com

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

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Antennas Rotors & Towers Computer Media & Software
Mechanical Breakdown & Electrical Damage Coverage



Antenna Zoning or PRB-1 Issues?

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

Lazaroff & Suhr, Attorneys at Law

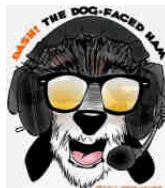
277 West Main Street, Saxonburg, PA 16056

Phone: 724-352-4905

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 <https://www.jeffk1nss.com>!

Shop for Dash items at his online store on Café Press, www.cafepress.com/shopdash



US Amateurs by Class as of August 31st, 2022

Novice	7,494
Technician	429,392
General	197,501
Advanced	37,389
Extra	161,562
Club	12,510
Total	845,848
All-Time High	08/29/2022 845,848

Last 90 Days:	New Amateurs	6,300
	Callsign Changes	1,753
	Class Changes	2,905
	No Longer Licensed	5,753
	All Updates (*)	24,292

(*) Includes renewals, address changes, etc.

Information gathered from FCC Daily Updates, courtesy of Hamdata.com

Latest Region 3 Sequential Calls, Issued as of August 31st, 2022:

Group A	AC3JI
Group B	KF3EU
Group C	(none available / all issued)
Group D	KC3USU

Information gathered from FCC Daily Updates, courtesy of Hamdata.com

If you've downloaded the **WASHRag** from the N3SH web site, or picked up a copy from a friend... you can sign up to have the PDF copy sent directly to your email. You **do NOT** have to be a member of **WASH**!

Just send an email to w3wn73@gmail.com and we will take care of the rest!

Has Roadway found the tower yet?

Radio Seized for Interfering with Police Transmissions

Amateur Radio Newsline, courtesy of Southgate (ARC) Amateur Radio News

London, England, UK, August 6th, 2022 – In Texas, authorities cracked down after a hand-held radio caused emergency interference with police transmissions.

Mike Askins KE5CXP speaking on ARNewsLine said that it had operated for months on emergency frequencies used by the Young County Sheriff's Office. According to local media reports, the transmissions on the dispatch channels often included the voices of a man, woman and some children yelling at one another and the sounds of a barking dog.

A story in the Olney Enterprise newspaper said that the police were so hampered in using their own assigned frequencies that they often had to use cell phones instead to communicate.

Sheriff Travis Babcock contacted the Federal Communications Commission which provided him with an official statement to read on the emergency channel but that failed to bring the transmissions to a halt. The news report said that on July 8th two officers patrolling in their car heard the unauthorized traffic and were able to track down the radio and its owner.

It was not clear what charges would be filed against the owners of the radio, which is now the property of the county sheriff's office. Charges could range from a misdemeanor for interfering with public duty to a federal offense for interfering with emergency communications.

New Amateur Radio License Fees Took Effect April 19th.

Route 66 On The Air Starts September 10th

Bob Wertz NF7E courtesy of QRZ.COM

Flagstaff, AZ, August 15th, 2022 – The 23rd Annual ROUTE 66 ON THE AIR Special Event starts September 10th and runs through September 18th (23:59 Z).

Our club, the Northern Arizona DX Association (www.nadxa.com) created this annual event and it got so large that we had to hand it off to the Citrus Belt ARC, who has done an amazing job keeping it going.

There will be 22 stations on the air, 3 of those will be operated by the NADXA. We will operate W6G from our home QTH's in Flagstaff and then we will again have two rovers, W6S (Rover #1) which will run east of Flagstaff and W6T Rover #2, which will run west of Flagstaff on old RT 66.

Be sure to at least work our 3 stations as we will have 3 separate QSL, that when lined up side by side, will have a continuous map of the Arizona section of RT 66. (We have new QSLs each year)

Right now, you can see all the details on our QRZ W6G site. The other two sites will be ready by Sept 1st.



N3UE Woodworking

Ed Wolf N3UE has recently taken up a new endeavor... laser engraving. (See sample)

He's currently available for plaques and signs of varying shapes and designs.



Prices vary, but are very reasonable!

Interested? Contact Ed directly at n3ue11@gmail.com



WASHfest 2023

The South Hills Hamfest — Now in our **TWENTY SEVENTH** big year!
Sponsored by the WIRELESS ASSOCIATION OF SOUTH HILLS AMATEUR RADIO CLUB, INC.

Sunday, February 26th, 2023

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

Home Economics Building, South Park

3735 Buffalo Drive, South Park Township, PA 15129

Behind the Allegheny County Police Station on Brownsville Road

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

Donation \$5



(800) 545-8881

Breakfast & Lunch will be available!



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

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



First Prize: Yaesu FTDX-10 Compact HF+6M 100W SDR Transceiver

Second Prize: To Be Announced

Third Prize: To Be Announced

Additional Hourly Door Prizes! 2 Special Black Box Prizes (Separate Drawing)!

Main Prize tickets are \$2.00 each, 3 for \$5.00, 7 for \$10, 15 for \$20, 40 for \$50, 90 for \$100

All Prizes Subject to last-minute changes

For Table Reservations, or More Information, Please Contact:

Carol Danko KB3GMN at (412) 884-1466 n3sbf@comcast.net

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

Please Note: Early Table Reservations must be paid in full on or before January 31st, 2023.

Reservations received after February 1st, 2023 must include payment in full.

Reserve now... we have sold out in advance twelve years running!

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 \$12.00 = _____

5 Or More Tables w/o: _____ X \$10.00 = _____

Please make all checks payable to:
WIRELESS ASSOCIATION OF SOUTH HILLS
PLEASE MAIL RESERVATION TO:
WASHFEST 2023
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, New or Renewal



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 all 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



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Send an email to bernie@dailydx.com or go to www.dailydx.com

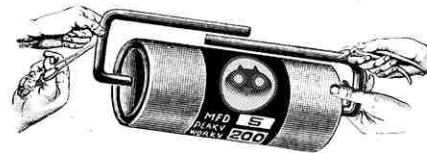
The Daily DX, 3025 Hobbs Road,
Glenwood, MD 21738 Phone: 301-854-5650



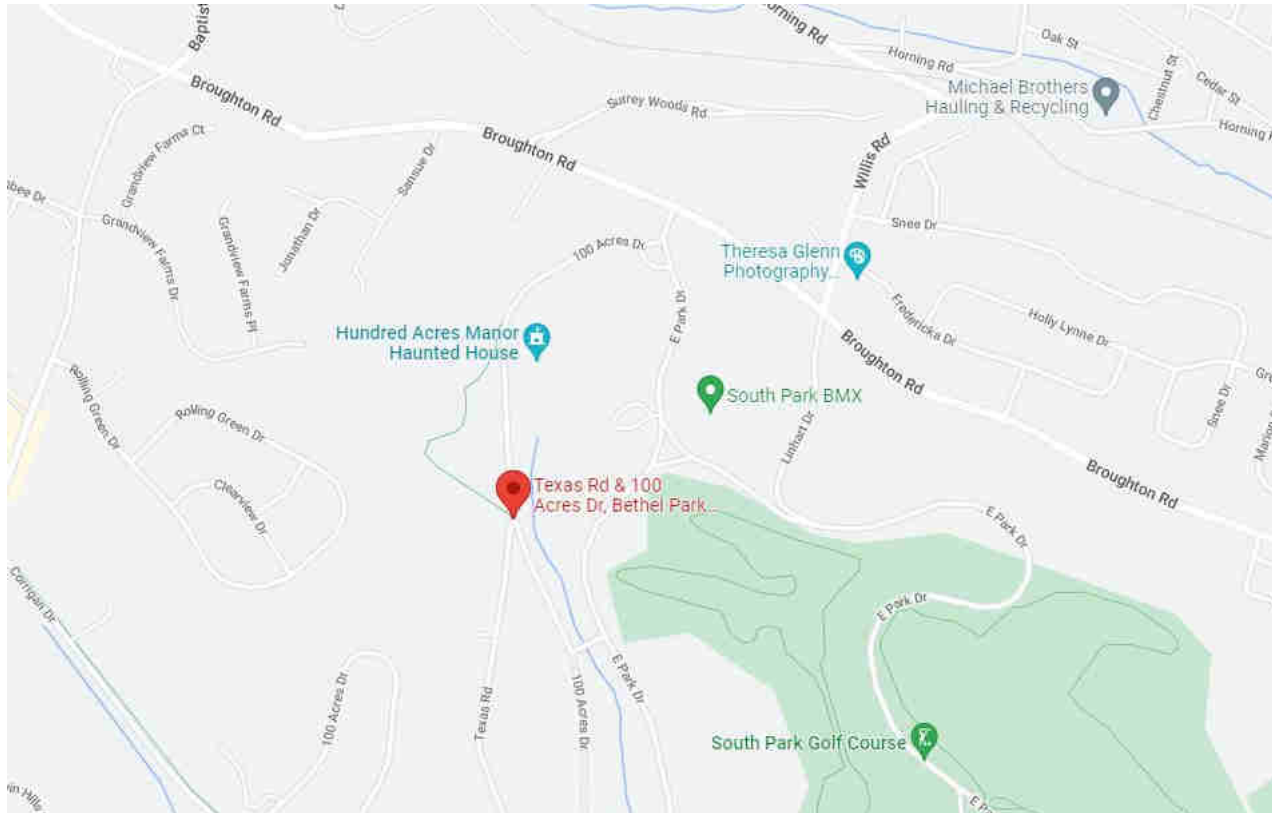
Arghh!
What Mightst We Draw For Ye, Matey?



HANDMADE BY GNOMES.



Directions to the September Meeting Site



The September meeting will be held at our 2022 Field Day site: Sunset Hills Grove, Texas Road at 100 Acres Drive, South Park.

100 Acres Drive can be accessed from both Broughton Road and Corrigan Drive.

Meeting starts at 07:00 PM EDT.

See you there!

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

