

# WASHRAG

TM



VOLUME 24 ISSUE 05  
MAY 2022

Wireless Association of South Hills

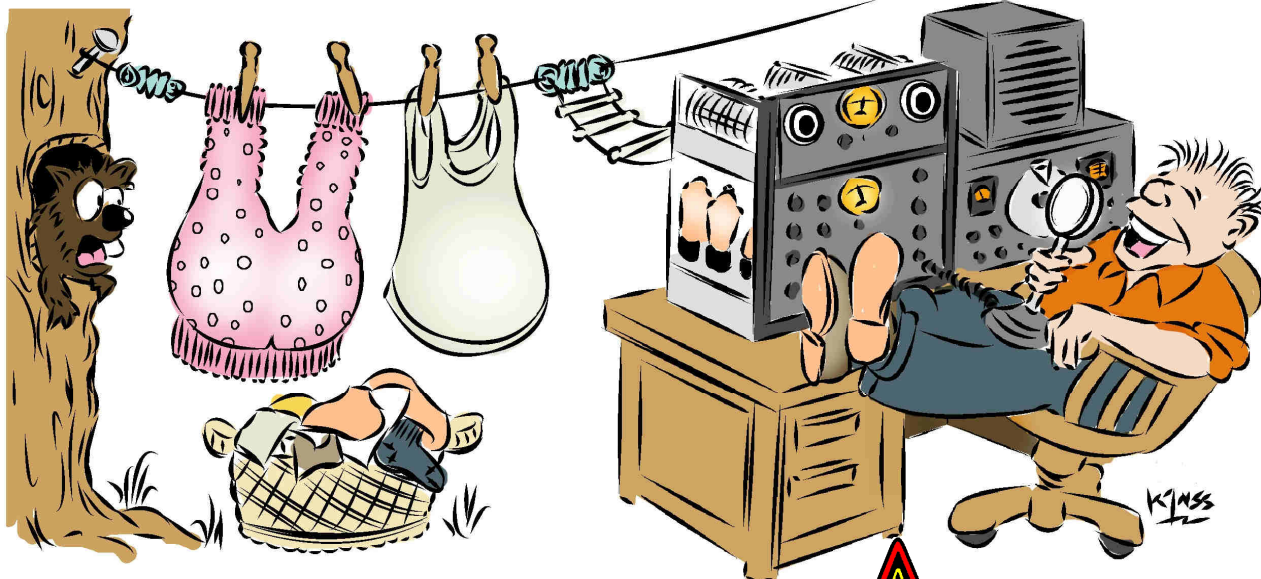


N3SH WA3SH NP2SH/B

[www.n3sh.org](http://www.n3sh.org)



# Wireless Association of South Hills



## WASHRAG™



VOLUME 24 ISSUE 05

MAY 2022

### Next Monthly Meeting: Thursday, May 5<sup>th</sup>, 2022

The next scheduled meeting of the WIRELESS ASSOCIATION OF SOUTH HILLS, INC. will be on **Thursday, May 5<sup>th</sup>, 2022**, starting at 7 PM, at **Sunset Hills Grove, South Park**, 100 Acre Drive at Texas Road (the 2022 WASH Field Day site)

Topics: 2022 planning, Field Day 2022, and more!

See you there!

Cover: Carol KB3GMM and Richie N3SBF (background) being presented with the 2021 Kilowatt Award by Curtis KB3CMT after the April meeting. 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 KB3GMM
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.

This issue is © Copyright 2022 by the **WIRELESS ASSOCIATION OF SOUTH HILLS, INC.**

Editor & Publisher: Ron Notarius W3WN

Permission is granted to other Amateur Radio publications to reprint articles in this issue, provided the original author and "The WASHRag™" are given credit. Comments, articles, and requests for copies of or information about "The WASHRag™" should be mailed to the editor:

Ron Notarius W3WN  
3395 Rosewood Drive, Castle Shannon, PA 15234-2546  
e-mail: [newsletter@n3sh.org](mailto:newsletter@n3sh.org) or [w3wn@arrl.net](mailto:w3wn@arrl.net)

"The WASHRag", "The Mariner", SHARCfest, South Hills Hamfest, WASHfest, WASHfest 2022, N3SH Net, WA3SH Net and WASHNet are trademarks of the **WIRELESS ASSOCIATION OF SOUTH HILLS, INC.**

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 & 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 TBA

The Next WASH VE exam session will be on **Saturday, February 26<sup>th</sup>, 2022, 10:00 AM**, at **Home Economics Building, South Park**, Pavilion 3735 Buffalo Drive, South Park Township. Talk-in on the 146.955

The dates and locations for upcoming VE Exams have not been set yet.

As soon as the information is available, it will be published in the newsletter and on the N3SH website.

Thank you for your patience!

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](mailto:kgo@grant-olson.net)

### ***Curtis's Reflections***



Regrettably, Curtis's comments were not available this month.

See the May Meeting at Sunset Hills Grove in South Park.

Meeting starts at 7 PM

— 73, Curtis Turner KB3CMT

President, WIRELESS ASSOCIATION OF SOUTH HILLS, Inc.  
N3SH / WA3SH / NP2SH

A recent article indicates that the modern incarnation of Western Electric is considering a restart of vacuum tube production in the US. (Actually more of an expansion as they already make some tubes)

More information at <https://www.westernelectric.com/expand>

***Reminder: The May 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. See you there!***

Ye Editor thinks we're all looking forward to the May meeting in the park... warm weather, fresh air, people riding by on horseback... wait...

News has been a little sparse this month. Well, that happens sometimes... so...

- **Breezeshooter's Hamfest:** We still haven't seen the "official" flyer, but the information is on the Breezeshooter's website (and hopefully the flyer is there by the time you read this), so it looks like it's a "go" this year. We do plan on resuming the annual **WASH Pot-Luck Picnic at Breezeshooters** for Sunday, and we will have more on that at the meeting. But essentially, as in years past, it will be on Sunday at 11 AM at the club table(s) — we will try to stick together as usual — with the club (presumably) covering burgers and dogs, and everyone coming asked to pitch in — bring some drinks, condiments, side dishes, desserts... like we said, more on this at the meeting.
- Of course, we can't overlook **Hamvention 2022**. Many club members are planning on being there. It would be nice to get together at some point to compare notes. Just sayin'...
- **Field Day 2022** will also be here before you know it. Ye Editor will not be attending this year, due to a family event... so we're really going to have to rely on club members to take some snapshots (set up, operation, whatever) for the newsletter. The Field Day Committee will have a lot more to say about this at the meeting (won't you guys? Guys? Bueller?) and we should have a lot more in the June newsletter. And remember, if you can't make Field Day with the club, get on the air if you can, any way you can... and have fun!
- And let us not forget... **Pennsylvania QSO Party** in October! Yes, many are already making their plans! (Paul NØVLR may not be with Team N3ZK this year, but we're really hoping for him to pop up with the elusive OR multiplier!)

So, if you haven't turned to Page 7 yet... come back and read this next part after. OK, so at first glance, it appears that the picture at right is Ye Editor making good on his threat to print pictures of the daughter and the dog if we don't get content... yeah, that's a small part of this story. But the rest of the story is that this photo is now y new QSL card. Did a little searching for a printer — there are a lot of good ones out there — and lo and behold, one website had a very familiar looking sample QSL card on it. So, I made contact, worked out what I wanted, and then mentioned said sample. Which is when I heard the story that evolved into the story on Page 7.

You never know, sometimes, how connected we all are (6 degrees of Kevin Bacon?)



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

## Minutes, April 7<sup>th</sup> Meeting

Nathan Suehr KC3GMM, Vice President / Secretary, WASH

Call to Order: 19:08. Presiding Officer: Curtis KB3CMT

20 members and no guests present.

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

Roll Call. (No guests tonight)

### Committee Reports:

**Treasurer:** Mark Stabryla, (N3RDV): Report read by Nathan (KB3GMM) on behalf of Mark (N3RDV). Motion to accept by Bill (W3WH), second by Larry (K3VX) and accepted.

**Secretary:** Nathan Suehr (KC3GMM): No corrections to the minutes. Motion to accept by Bill (W3WH), second by Tony (N3SBF) and carried. No correspondence.

**Repeaters:** Frank (N3FB): Repeaters repeating. Repeater project still in a holding pattern.

**WASHNet:** Charles (Chuck) Bihun, III (KC3ELA): Good participation.

Bill (W3WH) joined in last week, heard lots of non-member calls.

Carol (KB3GMN) asked that we begin announcing Field Day on the net.

**Thursday Night Tech Net:** Glen Roberts (KE7FD): Larry K3VX attended last net about remote operations, very favorable.

**Contests:** Larry (K3VX): No report

**Public Service:** Mike (WA3PYU): Larry (K3VX) for Mike: Pittsburgh Marathon coming up; Jeff N3NHS indicates that they are shor on volunteers. Recent SET exercise took place and went well.

**Newsletter:** Ron Notarius (W3WN): Published and sent. Request for emails of net participants (non members) to send them a newsletter; reminder that articles and pictures are needed.

**Volunteer Examiners:** Grant Olsen (KC3MLC): Short discussion on new FCC fee.

**Ways & Means** (including Member Contributions): Carol Danko (KB3GMN): Next two meetings at Field Day 2022 picnic grove.

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

**Old Business:** Curtis (KB3CMT): Elmer Group. Suggestion to get together with Jeff and start talking about it. Ron (W3WN) discussed how new membership is important to keep the club alive, gave some examples of clubs no longer around.

### New Business: Field Day 2022

- + DX Engineering Masts: Short discussion on need for additional masts. Tabled until next meeting.
- + Bill (W3WH): Less room at new pavilion than Babcock. Whole area is flat and lots of trees surrounding the grounds.
- + Bill (W3WH): Brought up the possibility of selling the Tower Trailer
- + Eric (K3SGT): Tower Trailer is good to have for emergencies.
- + Ron (W3WN): We used to bring the tower trailer to hamfests, and it attracted lots of attention.
- + Curtis KB3CMT: Parks on the Air becoming popular and attracting young hams. Maybe the club should have some POTA activities.
- + Harold (K3HCR). Reopened discussion on masts. Motion to purchase two masts. Bill (W3WH) second. Carried.
- + **WASHFest 2023:** Carol (KB3GMN): Building reserved for next hamfest. Ideas needed for prizes. Door prizes needed (donate freebies). Our previous supplier is out of business. Three vendors signed up for 2023. Need to buy supplies for the hamfest. Bill (W3WH) motion for Carol to buy supplies. Ron (W3LE) second. Carried.

### Good of the Order:

Frank (N3FB) talked about the breakfast he and Jim WB4GCS have in Washington every Saturday; all are welcome.

Ron W3WN will not be at Field Day due to a family obligation; requested pictures and stories for the July newsletter.

**Adjournment: Motion** Bill (W3WH); seconded Carol (KB3GMN). Carried

**Adjourned:** 19:48



## WASH Spotlight: Carol

Congratulations again to Carol KB3GMN, who, along with her not always silent partner Richie N3SBF, were honored after the April meeting with the 2021 WASH Kilowatt Award, in recognition of years of dedicated service to WASH.

Photo courtesy of and ©Copyright 2022 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 at n3sh dot 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  
KC4WTT  
KE7FD  
NØVLR  
N3DFK  
N3FB  
N3IDH  
N3JSF

N3KFD  
N3RDV  
N3SBF  
N3UE  
N8NEU  
NB3C  
NL7XM  
W3LE  
W3WH  
W3WN  
W8LEV  
WA3PYU  
WA3VSS  
WB4GCS

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  
N3RNK  
N3SKR  
N3SRC  
N3ZEL  
N3XFE  
W3ZLK  
W4ZE  
WA3JPP

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

Through May 3<sup>rd</sup>, 2022

List compiled by

Mark Stabryla N3RDV, Vice President/Treasurer

# 2022 WASH Upcoming Events Calendar

## Club Meetings & Other Significant Events — Subject to Change

May 5 <sup>th</sup>	WASH Meeting	Sunset Hills Grove, 100 Acres Drive at Texas Road, South Park
May 8 <sup>th</sup>	Susan G. Komen More Than <b>Pink</b> Walk & Race For The Cure	Schenley Park, Pittsburgh PA
May 14 <sup>th</sup>	Armed Forces Day Cross-Band Exercise	DoD MARS
May 20 <sup>th</sup> – 22 <sup>nd</sup>	Hamvention	Greene County Fairgrounds & Expo Center, Xenia, OH
May 28 <sup>th</sup> – 29 <sup>th</sup>	CQ Worldwide WPX Contest CW	<a href="https://www.cqwpw.com">https://www.cqwpw.com</a>
June 2 <sup>nd</sup>	WASH Meeting	Sunset Hills Grove, 100 Acres Drive at Texas Road, South Park
June 4 <sup>th</sup> & 5 <sup>th</sup>	Breezeshooter's Hamfest	Big Butler Fairgrounds, 1127 New Castle Road, Prospect PA 16052
June 25 <sup>th</sup> & 26 <sup>th</sup>	ARRL Field Day	<a href="http://www.arrl.org/field-day">http://www.arrl.org/field-day</a>
July 7 <sup>th</sup>	WASH Meeting	Sunset Hills Grove, 100 Acres Drive at Texas Road, South Park
July 9 <sup>th</sup> & 10 <sup>th</sup>	IARU World HF Championship	<a href="http://www.iaru.org">www.iaru.org</a>
July 10 <sup>th</sup>	Somerset County Hamfest	Somerset Co. Technology Center, 281 Technology Drive, Somerset, PA 15501
August 4 <sup>th</sup>	WASH Meeting	Sunset Hills Grove, 100 Acres Drive and Texas Road, South Park
August 13 <sup>th</sup>	Uniontown ARC Gabfest	W3PIE Clubhouse, 433 Old Pittsburgh Road, Uniontown PA
August 28 <sup>th</sup>	Skyview Swap N Shop	K3MJW Clubhouse, 2335 Turkey Ridge Road, New Kensington PA 15068
September 1 <sup>st</sup>	WASH Meeting	Sunset Hills Grove, 100 Acres Drive and Texas Road, South Park

## 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](mailto:n3ue11@gmail.com)

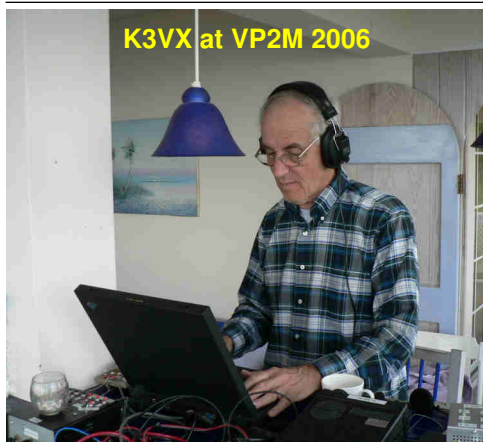


# ***"Seen" at the April 2022 Meeting***

Photos courtesy of and © Copyright 2022  
Ron Notarius W3WN







# ***The Ultimate Elmer: Larry Comden K3VX***

Lee Barrett K7NM / VP2MLB

Photos courtesy of and © Copyright 2022 Lee Barrett K7NM

West Point, UT, April 10<sup>th</sup>, 2022 – There is a sample VP2M QSL card on my website of PhotoQSLs.com which, among others, shows Larry Comden, Bill Hill and me. This VP2M operation in 2006 actually began in 1966.

My father was a PhD in Applied Mathematics (studied Rocketry under the Germans who designed the V1 and V2 rockets in WWII). He was the head of Math departments at three Universities. The second one was Clarkson College (now University) in Potsdam, NY. Larry (then K3VXV) was one of my dad's employees and taught math at Clarkson. Larry was also a close by neighbor in the faculty apartments where we lived.

Whether Larry did it to gain points with the boss or he just felt sorry for a 14 year old ham (with a one-year, non-renewable Novice license about to expire) is something Larry and I have often debated. Nonetheless, Larry took me under his wing as an "Elmer". He took me to the K2CC club meetings (as trustee of the Clarkson Club), let me operate Sweepstakes SSB one year at K2CC, had me over to his basement for projects like building a 10m receiver down converter and just challenging me to get my code speed up. He helped me build my first real trapped dipole antenna (that actually worked) for 80 and 40m (we built the traps with a grid dip meter). He helped me troubleshoot my Heathkit DX-60 Christmas present (the grid current meter instructions were backwards). But Larry's biggest contribution to my life was yet to come.

Potsdam was 127 airline miles from the nearest FCC examining point - New York City - and you had to be 130 miles to take the Conditional Class (equivalent to the General Class) by mail. I wrote to the FCC and told them as a 14 year old I had no way to get to NYC and asked for a waiver. They said, "No".

I didn't know what I to do. Then, miraculously, my dad had to go to NYC to give a paper at Easter time (the same month my license expired). However, he was not overly supportive of my ham activities. So even though in NYC, there were NO plans to get me to the Federal Building in Manhattan to take my General Class test. That's where Larry set the course my life would take. He and his wife, Tippi, were visiting Tippi's parents in Connecticut for Easter. Larry drove to the city, picked me up at the hotel and took me to the Federal Building to take the test. I passed it.

If it had not been for Larry and this solitary event in my life, things would have been much different for me.

To celebrate passing, Larry took me to "Radio Row" in NYC - an unbelievable experience! Radio Row was an icon in NYC for decades. About half a year later they tore it all down and built the Trade Centers.

In December 1966, we moved to Bozeman, Montana where dad was head of the Math Department at Montana State University. I earned my Extra Class by age 18 as well as First Class Radiotelephone and Second Class Radiotelegraph commercial licenses - both with ship radar endorsements. I finished high school in Bozeman and went to Montana State up through an MSEE degree in 1977. My specialty is linear circuits (and micro-stripline RF).

I became really interested in phased array antenna systems and in 2005 found a new way to build them so they are easy to tune without expensive equipment. I put a two element array in the back yard which worked extremely well. I then wrote a book about it called The C-Match Method of Phasing Vertical Antennas and gave a forum on it at Dayton. Larry had long since moved to the Pittsburgh area and his call had changed to K3VX. Larry came to my Dayton forum, which was the first time I had seen him in 29 years. After the forum, I met Bill Hill and the other guys who were planning a VP2M trip. They invited me to join them for the ARRL CW DX contest the next February where we took 4<sup>th</sup> place in the world for our category. I have been back 3 times to VP2M - the last time to operate the ARRL 160 Meter CW contest in 2018. Ironically, Larry and Bill's team went to a different island for the same contest. My group won 1<sup>st</sup> place for the DX category of multi-op High Power. Larry and Bill's group won 1<sup>st</sup> place for the DX category of multi-op Low Power. I am going to VP2M one more time in October of this year. I invited both Larry and Bill but they declined this time. I will see them at Dayton (Xenia) this May, however.

So now you know the "rest of the story". I owe Larry a lot for his kindness of taking me to get my General Class ticket all those years ago! I am retiring April 15<sup>th</sup>, 2022 as a "Vice President of R&D | Medical Device Technologies" from Fresenius Medical Care - the world's largest provider of dialysis care and equipment. I designed the blood monitors called the Crit-Line family. Nearly 700,000 Crit-Line monitored patient treatments are completed each month which would have never happened without Larry taking me for my General Class.

THANK YOU LARRY!

K3VX & K7NM, Xenia Hamvention, May 2019



VP2M 2006 Crew

W3WH & K3VX, Xenia Hamvention, May 2019





# WASH Needs the New Hams

Bill Hill W3WH

Canonsburg, PA, April 20<sup>th</sup>, 2022 — Admittedly I'm an infrequent visitor to our repeaters but when I do stop by, I usually hear call signs that I don't recognize. I think this wonderful that the repeaters are being used and especially that they are being used by new hams. On the other hand, I don't see the new hams at WASH activities such as meetings, Field Day, Hamfests etc.

Our Club wants to introduce new hams to all aspects of the hobby. We are in the process of creating an Elmering (mentoring) group to help new hams find their niche in ham radio. The flip side of this issue is that the Club needs newer and younger hams to keep WASH strong and viable. In other words, we can all help each other.

WASH Club's active membership has a wealth of experience that we can use to make newly minted hams feel right at home wherever YOUR interests lie. From equipment choices to antenna design and installation, digital operating, contesting, dxing, public service and much much more we're anxious to help make ham radio a better hobby than you ever thought possible.

Probably as important as anything else and the most valuable thing I've mentioned is that active participation in a Club (hopefully WASH) can foster lifelong friendships. Do yourself and WASH a favor and make time to come to a meeting or two, participate in Field Day, try Parks on the Air and the Pa QSO party. Ask questions and maybe even learn the code( yes I know that's a four letter word) but it's the original digital.

We can help each other as long as we give each other the chance.

Looking forward to seeing lots of new faces.



**Elmering at W3D Field Day, June 2021**

**Photos courtesy of and ©  
Copyright Jim Sanford WB4GCS**

## Annual Armed Forces Day Cross-Band Exercise Set for May 14<sup>th</sup>

American Radio Relay League

Newington, CT, March 10<sup>th</sup>, 2022 – The 2022 running of the Armed Forces Day (AFD) Cross-Band exercise will be held on May 14<sup>th</sup>, 1300 – 2200 UTC. A complete list of participating stations, modes, frequencies, times, and other details will be announced on April 1<sup>st</sup>. The event is open to all radio amateurs. Armed Forces Day is May 21<sup>st</sup>, but the AFD Cross-band military-amateur radio event traditionally takes place 1 week earlier, in order to avoid conflicting with Dayton Hamvention®. During the exercise, radio amateurs listen for stations on military operating frequencies and transmit on frequencies in adjacent amateur bands.

Military and amateur stations have taken part in this event for more than 50 years. It's an exercise scenario, designed to include ham radio and government radio operators alike.

Per previous announcements: "The AFD Cross-band Test is a unique opportunity to test two-way communications between military communicators and radio stations in the Amateur Radio Service, as authorized in 47 CFR 97.111. These tests provide opportunities and challenges for radio operators to demonstrate individual technical skills in a tightly controlled exercise scenario that does not impact any public or private communications."

Military stations in various locations will transmit on selected military frequencies and announce the specific ham band frequencies they are monitoring.

An AFD message will be transmitted utilizing the Military Standard (MIL-STD) serial PSK waveform (M110), followed by MIL-STD Wide Shift FSK (850 Hz RTTY), as described in MIL-STD 188-110A/B. The AFD message will also be sent in CW and RTTY.



"Filler" pictures on Pages 7, 8 and 11 are some "extra" shots from the 2022 Two Rivers ARC Hamfest. Enjoy!





# 66<sup>th</sup> Annual Breezeshooter's Hamfest

Saturday, June 4<sup>th</sup>—Sunday, June 5<sup>th</sup>, 2022

## Big Butler Fairgrounds

1127 New Castle Road, Prospect, PA 16052

(Between I-79 and Butler PA)

Admission \$10 (Good for Both days)

More Information at [breezeshooters.org/ns/hamfest](http://breezeshooters.org/ns/hamfest)

Or email [hamfest2022@breezeshooters.org](mailto:hamfest2022@breezeshooters.org)



# Somerset County Hamfest

Sunday, July 10<sup>th</sup>, 2022, 8:00 AM— 1:00 PM

Sponsored by the Somerset County ARC K3SMT

## Somerset County Technology Center

281 Technology Drive, Somerset, PA 15501

Talk-in on 146.64 PL 131.8      General Admission \$5

More Information at <https://k3smt.org>



# Cumberland Valley ARC 2022 Hamfest

Sunday, July 30<sup>th</sup>, 2022, 8:00 AM— ??

Grounds Open at 6 AM for Vendors & Tailgaters

## CVAEMA Show Grounds

1501 Criders Church Road, Chambersburg, PA 17201

Talk-in on 147.120 PL 100.0 Admission \$5

More Information at <http://w3ach.org>



# Uniontown ARC 72<sup>nd</sup> Annual Gabfest

Saturday, August 13<sup>th</sup>, 2022, 8:00 AM—???

Vendor Setup prior to 8:00 AM

## W3PIE Clubhouse

433 Old Pittsburgh Road, Uniontown, PA 15401

Talk-in on 147.045 PL 131.8

More Information at <http://www.w3pie.org>



## DX Engineering & ICOM America Offering Amateur Radio "Dream Station" Prize Package at Hamvention 2022

Hamvention Webmaster

Dayton, OH, April 26<sup>th</sup>, 2022 – One lucky attendee at Dayton Hamvention 2022 (May 20<sup>th</sup> -22<sup>nd</sup>) will walk away with the largest prize ever offered in the history of the event—an Icom Amateur Radio Dream Station Package worth close to \$20,000.



The prize package, which includes an Icom IC-7851 HF/50MHz Transceiver and a long list of station accessories, was donated by DX Engineering in conjunction with Icom America, Platinum Prize Sponsors for Hamvention 2022. View the entire contents of the prize package at DX Engineering's [website](#). Read complete contest rules [here](#).

"On behalf of the many hams who work so hard to make Hamvention a truly special event, let me offer my most heartfelt gratitude to DX Engineering and Icom America for their Platinum Prize Sponsorship," said Rick Allnutt WS8G, Hamvention General Chairman. "We simply can't give enough thanks to all of our generous sponsors. The Dream Station prize adds even more excitement to what promises to be an amazing three days in Dayton."

"Hamvention is one of the signature events of the ham radio calendar, and it's something our team of active operators look forward to every year," says Tim Duffy K3LR, DX Engineering Chief Executive Officer. "Being a Platinum Prize Sponsor along with Icom America is our way of giving back to the amateur radio community who has supported us for more than two decades. We can't wait to see everyone in Dayton to talk about the world's greatest hobby."

For full details about Dayton Hamvention 2022, visit the event's official [website](#).

## KHØW/M QRV

Recent news sources that Tom KHØ/KCØW will not be QRT after all, as he had previously reported, but planned to be QRV again starting at the end of April.



A new challenge for Tom has been recent activity as KCØW/M, primarily on 20 and 17 meter CW, using a "2 foot broomstick with 17 feet of wire wrapped around it."

DX World reports "More information and pictures coming. QRX!"

(PS – Sad to say, Tom has not returned to his second job, as part of the recently revised "Spot the KCØW" promotion at PNC Park.)



## WASH Field Day 2022

Because Babcock was not reserved far enough in advance for 2022, we will be at Sunset Hills Grove for Friday through Sunday, June 24<sup>th</sup> through 26<sup>th</sup>.

The shelter and surrounding area is at the junction of 100 Acres Drive and Texas Road, with access from either road.

Lots of trees and open space to adapt to our use. Hard surface parking near the shelter, and also far enough away for the Tower Trailer.

— Larry Comden K3VX



## DX News Briefs



The 3YØJ team was busy at the end of April assembling tents, antennas and testing the radios. They were assembling 4 SunSDR2 DX and are mounting the Silcom masts and Innov tribander Yagis XR3. Many pictures and video are on the 3YØJ FaceBook page at: <https://www.facebook.com/groups/3093983840726129>

F1TMY/J28PJ is currently QRV as 3X2Ø21, primarily 10 and 12 meters SSB and FM but 160-6 and on the QO100 satellite. QSL via ClubLog.

C83YT is now QRV for an unspecified length of time. 17 – 10 FT8. QSL via JA7NQQ

HD2ØØBP is QRV throughout May, to commemorate the Battle of Pichincha, SSB and FT-8/4. QSL via EC5R.

4K7DK is QRV through 6 May, 80 – 10, SSB and FT8. QSL via DK1DKE

9N7WE and 9N7CI will be QRV through 19 May, 40 – 6 on CW and FT-4/8, with some SSB. More information at <http://www.nepal-2022.dxpedititions.org>. QSL 9N7WE via SP9FIH; 9N7CI via SP6CIK; or via ClubLog QQRS.

To celebrate their 74<sup>th</sup> Independence anniversary, Amateur Radio operators from Israel will be using special prefixes 4X74 and 4Z74 from 5 – 11 May. QSL as directed.

T42ITU will be QRV 14 – 17 May, all bands and modes. QSL via LotW or as directed.

HD8E will be QRV 23 and 24 May to celebrate Ecuador's Bicentennial Independence Day, on all bands and more. A commemorative diploma can be uploaded from <https://ecuadordxclub.org/bicentennial>. QSL via LotW

TO2AZ will be QRV (from FG) 27 May – 10 June, holiday style, 40 – 10 SSB & CW. QSL via DL2AAZ

5P5K will be QRV 4 – 18 June, holiday style, 80 – 6, SSB and digital. QSL via DL7AOS, LotW, or bureau.

S9EFW will be QRV the second week of June, mainly 14 – 19 June, 40-10, primarily SSB. QSL via KØEFW

TO9W will again be QRV from Saint Martin (FS) 30 November – 9 December, all bands and modes with special emphasis on CW. Logs will be uploaded to LotW and ClubLog daily, and real-time uploads to ClubLog Live Stream. More information at <http://www.k9el.com/TO9W/TO9W.htm> QSL via W9ILY.

VP2MDX will be QRV 2 January – 31 March 2023, 80 – 10, CW and SSB. QSL via W2APF

## QSL Routes

3B8BAP via N4GNR	AX3AG via VK3AG	MD7C via MØOXO
4K7DK via DK1DKE	C31CT via EA3QS	OA4AI via EA5GL
4Ø9KOM via EB7DX	C83YT via JA7NQQ	OC3I via EA5GL
4U1GSC via 9A2AA	CN97LAH via EA7FTR	OE25MFC via OE6XMF
4U1WB via KK4HD	CN97ZG via CN8ZG	OL5GMA/P via OK3EQ
5B4AQC via DK6SP	CR5TOR via CT2IXX	OR1ØØRCBE via ON4GDV
5P5BI via ON6EF	DKØDF via DL7AFS	OZ4WWFF/P via OZ1GDI
5R8AL via G3SWH	EH4WRD via EA4RCH	PC7ØRH via PF1SCT
5W1SA via JA1DXA	EP2C via EA5GJ	S9EFW via KØEFW
5Z4PA via MØURX	ET3AA via N2ØØ	ST2NH via EA7FTR
7P8AT via ZS5APT	EY8MM via WØVTT	TG9ADM via EA5GL
7P8ST via ZS5AYC	FM5DN via KU9C	TM97WARD via F6BEE
7X2TT via EA5GL	HC1HC via NE8Z	TX5N via MØURX
9K2KO via EC6DX	HD2ØØBP via EC5R	UN2E via DF6PB
9K2YD via EC6DX	HD8FG via HC2FG	V3E via IZ8CCW
9N7CI via SP6CIK	HG2ØØEF via HA8RC	V31MA via MØOXO
9N7WE via SP9FIH	HI3T via K7BV	VE2CSI via MØURX
9V1YC via W5UE	II5RCH via IZ5RHU	VK9NT via MØOXO
A92EE via EC6DX	J68HZ via K9HZ	VKØWN via VK7WN
AN5ØKW via EA5WO	JW/NP4G via NP3Ø	VP2MDX via W2APF
AP2HA via JA1WIO	JW4D via LA4D	XE1XR via EA5GL
AP2IN via IK2DUW	JU1BU via JT1BU	ZX4X via PY4HI
	LZØ1MLN via LZ1PM	

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](mailto:bill.hill@hamradioinsurance.com)

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

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



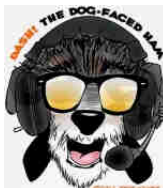
Antenna Zoning or PRB-1 Issues?

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](http://www.cafepress.com/shopdash)



### US Amateurs by Class as of May 1<sup>st</sup>, 2022

Novice	7,672
Technician	428,803
General	196,542
Advanced	37,765
Extra	161,010
Club	12,544
<b>Total</b>	<b>844,336</b>

All-Time High      04/18/2022      845,540

Last 90 Days:	New Amateurs	8,787
	Callsign Changes	2,986
	Class Changes	4,
	No Longer Licensed	6,939
	All Updates (*)	33,370

(\*) Includes renewals, address changes, etc.

Information gathered from FCC Daily Updates, courtesy of [Hamdata.com](http://Hamdata.com)

### Latest Region 3 Sequential Calls, Issued as of May 1<sup>st</sup>, 2022:

Group A	AC3IU
Group B	KF3EU
Group C	(none available / all issued)
Group D	KC3UBM

Information gathered from FCC Daily Updates, courtesy of [Hamdata.com](http://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](mailto:w3wn73@gmail.com) and we will take care of the rest!



## FCC News

FCC Daily Digest Volume 41 Number 64

Newington, CT, April 27<sup>th</sup>, 2022 – On Wednesday, April 27<sup>th</sup>, in a notice to all **VECs**, the FCC again asked them to refrain from submitting any amateur radio exam session or license application files while the Commission works to resolve an issue with the Universal Licensing System (**ULS**) application filing system.

The **ULS** application filing system was not functioning properly last week and then the FCC indicated the problem was resolved, as previously reported by ARRL.

However, this was not the case, as no new amateur radio call signs and licenses have been issued since Monday, April 18<sup>th</sup>, 2022.

Tuesday, April 19<sup>th</sup> is the day the FCC **application fees** became effective for amateur radio.

ARRL VEC Manager Maria Somma AB1FM reports that new call signs are not being assigned by the FCC even if the applicant has paid the FCC application fee.

The FCC was processing upgrade applications through the system without an issue because there are no fees required for those applications. In addition to new call signs not being issued even if the applicant has paid the FCC fee, some applicants are also having issues paying and logging into the system.

Other types of license application transactions may also be experiencing problems. Applicants should expect delays with license, call sign, and application processing associated with individuals and amateur radio clubs.

Amateur radio license filings are currently on hold until further notice and FCC did not estimate how long the system would be down.

### New Amateur Radio License Fees Took Effect April 19<sup>th</sup>.



**Has Roadway found the tower yet?**



# 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 26<sup>th</sup>, 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: To Be Announced

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](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)

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

Reservations received after February 1<sup>st</sup>, 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 )

☐ **1st Qtr**  
**Jan-Mar**

☐ **2nd Qtr**  
**Apr-Jun**

☐ **3rd Qtr**  
**Jul-Sept**

☐ **4th Qtr**  
**Oct-Dec**

☐ (F1) Full Membership:

\$20.00

\$15.00

\$10.00

\$5.00

☐ (F2) Full Membership < 18 or > 65 yrs of age:

\$10.00

\$7.50

\$5.00

\$2.50

☐ (A1) Associate Membership:

\$10.00

\$7.50

\$5.00

\$2.50

☐ (FM1) Family Membership (\$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



## DXers have a choice!

Get a free two week trial of The Daily DX and The Weekly DX and decide for yourself which one best fits your needs for informing you of all the DX news!



Send an email to [bernie@dailydx.com](mailto:bernie@dailydx.com) or go to [www.dailydx.com](http://www.dailydx.com)

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

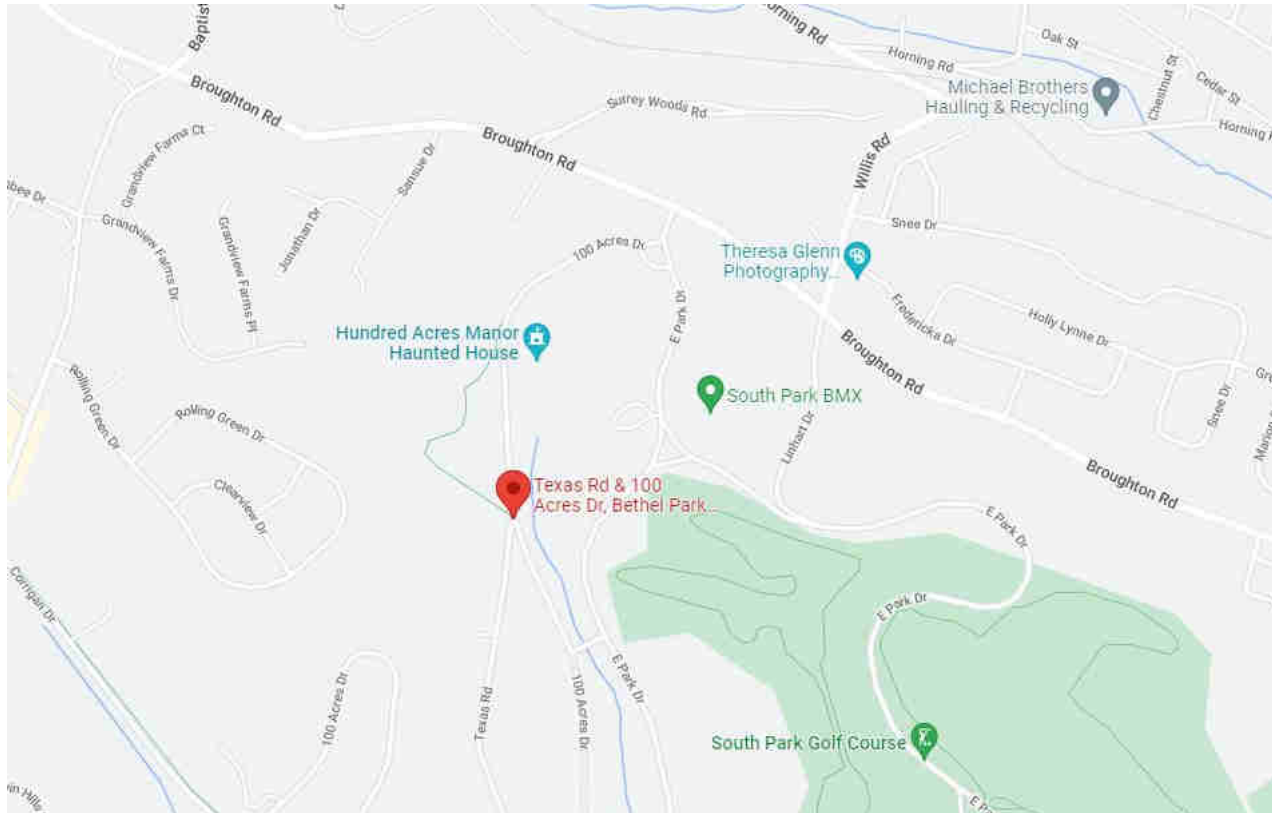


**Arghh!**  
**What Mightst We Draw For Ye, Matey?**

**K1NSSDESIGN**  
CUSTOM QSLART  
HAM GRAPHICS  
WEB COMICS  
[www.dashtoons.com](http://www.dashtoons.com)  
k1nss@dashtoons.com



# Directions to the May Meeting Site



The May 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](http://www.n3sh.org)  
[www.washarc.org](http://www.washarc.org)

