

WASHRAG™

TM



VOLUME 24 ISSUE 11
NOVEMBER 2022



HAM RADIO GUY

Includes:
High-Vis Vest
Baofeng HT
Cargo Shorts
ARES ID Lanyard

Does Not Include:
Training Manual
ICS Certifications
Bald Cap

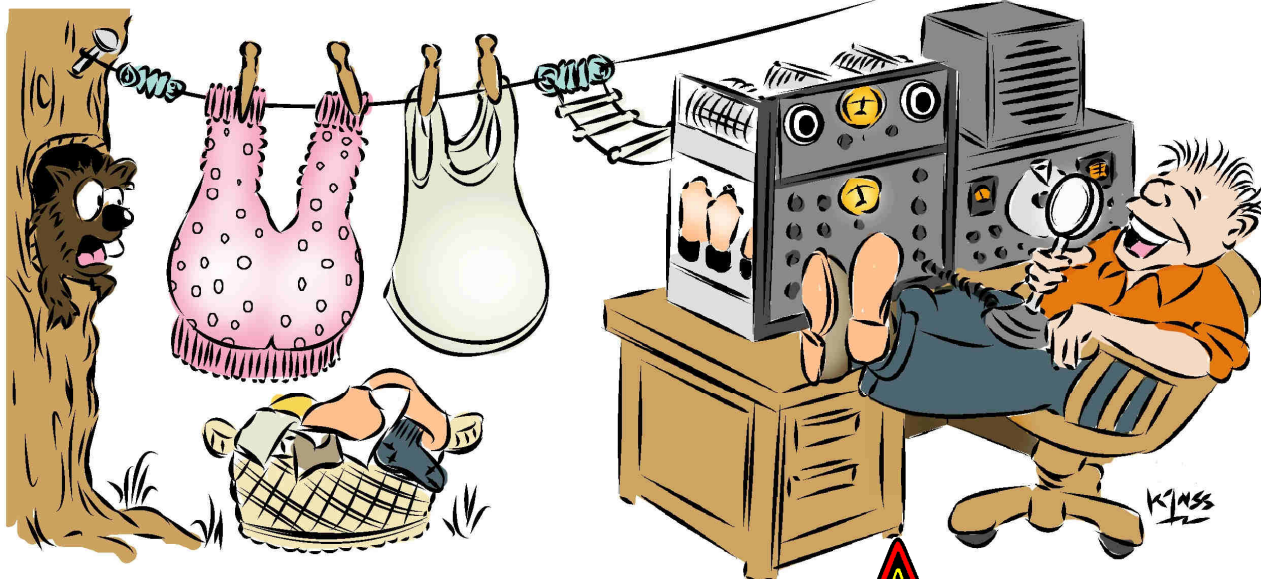
ADULT
Size Costume

ONE SIZE FITS MOST





Wireless Association of South Hills



WASHRAG™



VOLUME 24 Issue 11

NOVEMBER 2022

Next Monthly Meeting: Thursday, November 3rd, 2022

The next scheduled meeting of the WIRELESS ASSOCIATION OF SOUTH HILLS, INC. will be on **Thursday, November 3rd, 2022**, starting at 7 PM, at **EAT' N PARK South Park**, 5220 Library Road, Bethel Park PA 15102 (— or a Zoom Meeting, to be determined —)

Topics Include: Pa QSO, Field Day 2023, **WASHFest 2023**, **WASH** 2023 planning, and more.

See you there!

Cover: OK, so we're late for Halloween. But we do wonder how popular THIS costume selection was. Cover Photo courtesy of Richard Hubbard Jr. WF4W and others, attributed to John Azzara N2GYN, courtesy of the QRZ.COM forums

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 N0VLR, 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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e-mail: newsletter@n3sh.org or w3wn@arrl.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 TBA

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



Fall is in the air which means PA QSO party and warm campfires. I hope everyone has plans to participate in the PA QSO, and if not then I would question as to why? The PAQP is one of the more enjoyable operating events of the year and a perfect time to dip your toes in the water and make a few contacts around the commonwealth.

Otherwise, I hope everyone is well and that those 160m antennas are all fixed up and ready for a prime top band season.

Hope to you your smiling faces at the meeting!

— 73, Curtis Turner KB3CMT

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

The National Science Foundation has opted to not rebuild the famed radio telescope (and EME antenna) at Arecibo Observatory, citing costs, and the ability of "other radar facilities that can do part of the mission that Arecibo once did".

The investigation into the 2020 collapse of portions of the dish remains ongoing.

Reminder: The November WASH Meeting location was not set by newsletter deadline. We will either meet at at Eat N Park in South Park Shops, 5220 Library Road, Bethel Park; or this will be a Zoom meeting. Please watch the WASH Club Reflector for the final decision on this, which is coming after deadline. Our apologies for any confusion!

We will be very glad when we once again have a permanent meeting location, somewhere. But as many of us have working lives external to Amateur Radio, well, these things happen.

See box below for the sad news regarding the 2022 **WACOM Hamfest**.

As some of you may be aware, Ron Telek W3LE has had some health issues of late, but he is on the road to recovery. Please keep Ron in your thoughts and prayers.

OK, so, word is out that everyone who operated in **The Pennsylvania QSO Party** last month had a lot of fun and a great time! So far, though, we've only heard from one of the many operations that took place from club members. If we get more articles or pictures... yes that's a hint... we'll put them in next month. Either that, or you get to see the proof of Ye Editor's current QSL card, featuring his daughter and his dog (in that order)

There will be another **WASH 2 Meter Simplex Contest** this January, and as has become usual, it will be on the Saturday evening (EST) of the weekend prior to the ARRL January VHF Contest. We should have full rules for 2023 in next month's newsletter!

We also hope to have more information about the **2023 Breezeshooter Groundwave Contests** next month as well. We've been told in the past that our "best guesses" based on past years hasn't always been accurate... OK, fair enough. We want to get it right, so we'll wait until we hear something!!

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. We didn't expect to be THIS long a gap between local hamfests this year, but it happens. We're all really looking forward to it, so: Now is the time! Let Carol know where you can help, what you can do; spread the word, whatever it takes (within reason) so we can make another great hamfest next February!

And whatever your political flavor is... please, don't forget to vote! (Come to think of it, don't we have **2023 WASH elections** this month? Or is it next month?)

"Sadly, WACOM will not be holding a hamfest this year. For an event of this size, we need commitments from large vendors, and unfortunately, that did not happen. The hamfest landscape has changed a lot in the last three years, and we are working on ideas to hold a hamfest again in the future in a different form than we have in the past." — wa3com.com/hamfest.html



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

Minutes, October 6th Meeting

Nathan Suehr KC3GMM, Vice President / Secretary, WASH

Call to Order: 19:09. Presiding Officer: Nathan KC3GMM

No guests present.

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

Roll Call.

Committee Reports:

Treasurer: Mark Stabryla, (N3RDV): Report sent via email read. Motion to accept by Ron (W3WN), seconded by Larry (K3VX). Carried.

Secretary: Nathan Suehr (KC3GMM): September minutes published in October newsletter. No corrections to minutes. Motion to accept by Del (W3DTP). Bill (WA3VSS) with second. Carried.

Repeaters: Nathan (KC3GMM) for Frank (N3FB) – Repeating.

WASHNet: Charles (Chuck) Bihun, III (KC3ELA): Going along.

Thursday Night Tech Net: Glen Roberts (KE7FD) Still seeking topics.

Public Service: Mike (WA3PYU): (No report).

Newsletter: Ron (W3WN): Published

Volunteer Examiners: Grant Olsen (KC3MLC):

- Session at Field Day prep day. Four attended and passed. One upgrade to general. Two tech and one direct to general. One candidate stuck around for radio demo.
- Session planned for **WASHFest** in February.
- Frank asking about WPXI meeting room for a session in between now and then. Shooting for four test sessions per year

Ways & Means (including Member Contributions): Carol (KB3GMN): (No report).

WASHFest 2023: Carol (KB3GMN): Carol (KB3GMN) asked Harold for new equipment to donate for prizes.

Contests: Larry (K3VX): PA QSO party this weekend. Three groups of members activating counties. Newsletter has other upcoming contests.

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

New Business: (None)

Old Business: (None)

Good of the order:

- Jim (WB4GCS) discussed his recent license renewal VE issue.
- Larry (K3VX): BreezeShooters CW groundwave contest 2023 takes place during ARRL CW sweepstakes.
- Larry (K3VX): South Park Panera Bread too small for a full-size club meeting. Also, it would be nice to look for a location that could support a slideshow presentation.

Motion to adjourn by Larry (K3VX). Second by Grant (KC3MLC). Carried

Adjourned at 7:38 PM 10/6/2022

Falls Creek, PA, November 1st, 2022 —

The criminals are at it again!

As I have repeatedly stated, I will NEVER ask you to send me money for any reason. For your own financial safety, NEVER send money to anybody who demands it by email, even if they are pretending to be somebody you know. Russian, Chinese and third world CRIMINALS are conning billions of dollars and bankrupting innocent victims. Don't be one of those victims.

If you receive a threatening email about the wpa-arrrl.org website being hacked and you have to pay \$3,000 in bitcoin to stop it, just discard the email. DO NOT REPLY TO IT!!!

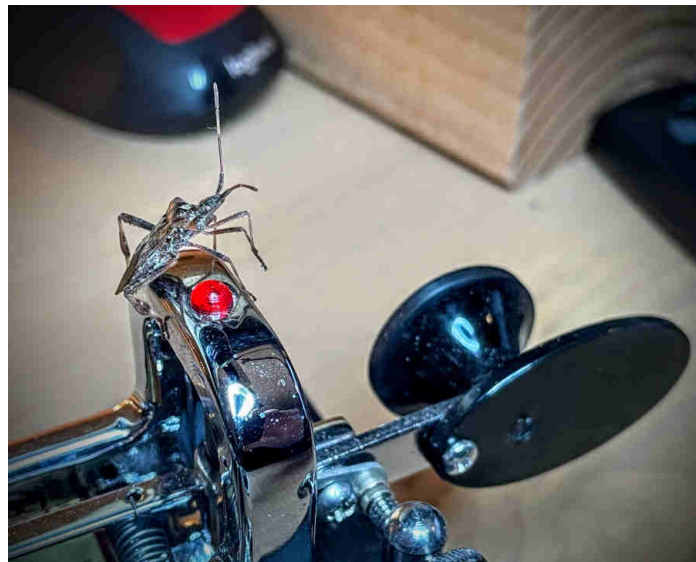
The "We Have Hacked Your Website" email is a scam and none of the threats it makes can actually be carried out by the scammers. These individuals have not compromised any websites associated with the recipients or stolen vulnerable information. Therefore, do not trust this message or meet its demands.

73 and Press On!

— Joe Shupienis W3BC
WPA Section Manager, ARRL



WASH Spotlight:



So... is the bug bugged? Or is the bug bugged?

Image courtesy of Dave Ellison W7UUU and the QRZ.COM forums

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: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

AA3MR
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
N0VLR
N3DFK
N3FB
N3IDH
N3JSF
N3KFD
N3RDV
N3SBF
N3TDV
N3UE
N8NEU
NB3C
NL7XM

W3DTP
W3LE
W3WH
W3WN
W8LEV
WA3PYU
WA3VSS
WB4GCS
Melissa
Greenwald
Charlotte
Peterson
Charmel
Spirk

WASH FL
KA3UPY/M
WASH NE
N0PEU
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
AD3Q
K3EED
K3LIE
KA3NMG
KB3ENX
KB3FNM
KB3FQT
KB3JHQ
N3BPB
N3CZZ
N3FZ
N3HKQ
N3KEH
N3OBD
N3RNX
N3SKR
N3SRC
N3ZEL
N3XFE
W3ZLK
W4ZE
WA3JPP

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

Through October 31st, 2022

List compiled by

Mark Stabryla N3RDV, Vice President/Treasurer

2022/23 WASH Upcoming Events Calendar

Club Meetings & Other Significant Events — Subject to Change

November 3 rd	WASH Meeting	See Club news for details, or watch Club Reflector for last minute updates
November 5 th - 7 th	ARRL Sweepstakes CW	https://www.arrl.org
November 12 th - 13 th	ARRL EME Contest	https://www.arrl.org
November 19 th - 21 st	ARRL Sweepstakes Phone	https://www.arrl.org
November 26 th - 27 th	CQ Worldwide DX CW	http://www.cqww.com
December 1 st	WASH Meeting	TBD
December 2 nd - 4 th	ARRL 160 Meter Contest	https://www.arrl.org
December 10 th - 11 th	ARRL 10 Meter Contest	https://www.arrl.org
December 31 st — January 1 st	Straight Key Night	https://www.arrl.org
January 5 th	WASH Meeting	TBD
January 14 th	WASH 2 Meter Simplex Contest	Rules in December WASHRag
January 21 st - 23 rd	ARRL January VHF Contest	https://www.arrl.org
February 2 nd	WASH Meeting	TBD
February 18 th - 19 th	ARRL DX Contest CW	https://www.arrl.org
February 26 th	WASHFest 2023	Home Economics Building, South Park 3735 Buffalo Drive, South Park Township, PA 15129
	WASHFest 2023 VEC Exams	
March 2 nd	WASH Meeting	TBD
March 4 th - 5 th	ARRL DX Contest SSB	https://www.arrl.org
March 25 th - 26 th	CQ WW WPX Contest SSB	https://www.cqwpw.com

"Seen" at the October Meeting

Photos courtesy of and © Copyright
2022 Ron Notarius W3WN



Secrets of Contesting: The Flow State

Jim Neiger N6TJ

Orange, CA, October 17th, 2022 – From time-to-time, we've convinced ourselves that contesting adds to our youth, and cognitive skills, and we simply could not excel at contesting if we weren't "young". And that reasoning has sometimes worked to convince our significant others that we really really do need to fly to that far-off Indian Ocean island next week for CQ WW SSB: "its guaranteed that high speed talking for 48 hours will lengthen the period before dementia sets in" (an N6TJ quote).

Now, we can attest that there's some truth to these arguments. Simply stated, when we are immersed in a radio contest, we most probably can be in a Flow State. This state of mind often is referred to by athletes as being "in the zone".

A recent article by Richard Huskey, PhD, Department of Communications (!!!), University of California, Davis, reveals that he has spent the last 10 years studying the flow state and the changes it creates in the brain - how you can find it, and benefit from it. Being in a flow state requires that you put forth effort and drive the outcome. Certainly our contesting efforts would qualify.

Quoting Dr. Huskey: "One of the key attributes of the flow state, from which it derives many of its psychological benefits, is that while you're engaged in your activity, you're focused exclusively on it. The flow state occurs only when you're doing something that you're highly skilled at... and when you're doing it in a way that challenges that high skill level. Despite exerting themselves considerably, people in flow hardly notice their efforts. Time speeds up"

"Psychologists have learned a lot in recent years about what the brain looks like when in the flow state. Scientists have found strong evidence that when a person enters the flow state, activity decreases in the medial prefrontal cortex, an area of the brain associated with thinking about oneself. This evidence supports psychologists description of flow as a state of externally focused attention."

"We also have uncovered evidence that, during flow, the brain reconfigures itself so it requires less energy -- kind of a "battery-saver mode". That may explain why flow activities feel effortless and time flies while you are doing them".

Dr. Huskey reports that many benefits from being in flow have been observed or self-reported:

- Higher Skill --- Spending time in the flow state appears to make you better at the activity
- Mood Boost --- Being in flow just feels good. If you're having a crummy day, getting into flow for a spell can lift your spirits
- Increased Resilience --- People who regularly experience flow appear better equipped to bounce back after disappointments
- Greater Productivity --- Frequent flow experiences appear to reduce procrastination, prevent burnout and increase motivation
- Mental Health --- Flow is associated with lower risk for anxiety and depression
- General Happiness --- People who often go into flow report greater life satisfaction"

Dr. Huskey adds : Find the sweet spot. Once you've decided on the activity that will be your conduit to the flow state, make a conscious decision to push yourself to the next level so that you're at that sweet spot between skill and challenge. If it's a game, seek out an opponent who's just a little better than you"....

And he summarizes his writings with words that are surely music to every contesters ears: "There's no such thing as spending too much time in the flow state. Frequently experiencing flow could make you happier, healthier, more productive and more skilled at your favorite tasks."

A Petition for Rulemaking has been filed by Cambium Networks and several non-profits to open the 10.0-10.5 GHz band for commercial use. They have made a nod to amateur radio, perhaps to minimize public opposition, by proposing a coordination system. — *Chuck Till K4RGN via QRZ.COM News Forum*,



Pa QSO Party 2022 in Potter County

Canonsburg, PA, October 10th, 2022 – Well another Pa Party is over and once again it was great fun for the five us Larry K3VX, Harold K3HCR, Mike WA3PYU, Kathy KA3VXM, and me W3WH. Granted, it's a four hour drive to Susquehannock Lodge, but it's well worth the effort.

We're able to use their "barn" for our operating and sleeping quarters except for Mike and Kathy who are housed in a separate building a short walk away. Our rooms are on the second floor with a deck outside our doors. This year we erected the 20/15/10 meter rotatable dipole above the deck about 11 or 12 feet. It seemed happy there and we made contacts easily with it. Next we put wires in convenient trees and mounted the Field Day 80/40 dipoles. The CW antennas were 37' above the ground and the phone wires were 57' high. We had no trouble being heard and the phone team received lots of "great signal" comments.

On Friday night we checked in to the 3910 kHz net and questioned a strange rule that limited a multi station to one signal any one band. A short time later the rule was amended allowing multiple signals on a single band. That has to be a record for a positive response to a troublesome rule. Congratulations to the Rules committee! The other thing we tried to do on Friday evening was to "network" our rigs to enable accurate serial numbers and avoid "dupes". We weren't successful so we used different blocks of serial numbers. One of our goals for next year is to fix that problem.

Don't even consider checking into the Susquehannock Lodge if you're on a diet. They serve two delicious meals every day and Kathy King brought meat balls and home made beef vegetable soup to help us keep up our strength between breakfast and dinner. Thank you Kathy. And then to make matters worse Harold came loaded with snacks. They were really good. Thanks Harold.

Our stations this year consisted of Harold's Yaesu FT-857, Bill's Icom 706 MK11G and FIDX10 with Mike's Elecraft K3 in reserve. They all worked well.

We had trouble with our K1EL computer interface which would have allowed our logging program to send the exchange automatically but instead we used Larry's magic box which does the same thing.

In case you're curious, yes we got our "clean sweep" for K3VX. We thought we got it last year but a logging error disallowed our only Clarion County contact which left us one short at 66 Counties in 2021. Hopefully this year we won't suffer the same fate. You might wonder how a King becomes a Queen. Well that's easy. Put Kathy King on the mike and she attracts QSO's like a light bulb attracts moths. Great job Kathy. Getting the last couple of needed counties is always a bit tense until they are in the satchel. This year they were Warren and Pike Counties which were worked by Harold and Mike. Yay!

It was a great weekend and if you haven't worked the "Party" you missed a great time and you owe it to yourself to get on next year during the second weekend of October.

Thanks to the group that runs the "Friendly QSO Party" for a job well done. See you next year.

- Total Contacts 656
- Total QSO Points 926
- Total Multipliers 114 =
67 Counties + 47
Sections
- Total Score = 105,564



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



MESAT-1 To Carry Linear Transponder

AMSAT News Service

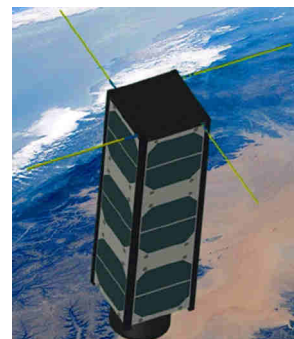
Washington, DC, October 30th, 2022 – An AMSAT-constructed linear transponder module is included in the MESAT 3U satellite to be deployed as part of NASA's upcoming ELaN 43 mission.

MESAT-1 is a stack of three tech-stuffed 4-inch cubes assembled at the University of Maine and destined for space in 2022. The first satellite of its kind ever built in Maine, MESAT-1 carries three imaging experiments proposed by Maine schools and a 2-way radio for use by ground control and amateur radio enthusiasts.

MESAT-1 was originally projected to launch from Vandenberg Space Force Base, California, in June 2022, but has been delayed. The satellite will be carried by a Firefly Aerospace "Alpha" rocket and released into a Sun-synchronous orbit about 555 kilometers (350 miles) above Earth. It will fly nearly over the poles traveling at about 7.8 kilometers per second (17,000 mph), making a full orbit in roughly 100 minutes. Any given location on Earth will experience 4 to 6 passes per day, with each pass lasting less than 15 minutes. MESAT-1 is expected to remain in space for well over a decade.

The main radio aboard MESAT-1 is a linear transponder module (LTM-1) built by the nonprofit Radio Amateur Satellite Corporation (AMSAT), a partner in the project. The ground station operator will command the satellite through LTM-1 and the module will transmit telemetry back to Earth. LTM-1 will also be made available to amateur radio operators for 2-way communication.

The MESAT-1 proposal was accepted by NASA early in 2020. Dr. Ali Abedi, director of the WiSe-Net Lab at UMaine Orono, assigned three UMaine graduate students the task of producing the satellite. With the support of the Maine Space Grant Consortium, they completed MESAT-1 in time for a 2022 launch.



Unwanted & Unloved: My Spiderbeam Mast

Simon F. Luttrell XZ2A

Myanmar, Burma, October 27th, 2022 -- I bought an 18m (60') telescopic fiberglass mast from Spiderbeam last year, to go with my 12m (40') mast. To be honest, it was a PITA to get it sent to Thailand from Germany, and it was a double PITA to take it on planes, due to its length - I had to pay extra for the long length and extra for the weight!

Don't get me wrong, the mast itself is great, but normal plane travel with it is a hassle and expensive!

Finally, I was going to work in Myanmar, and it was impossible to take the mast with me. I decided to cut my losses and throw it away.... I put it in the trash barrel outside my rented room in Pattaya and went to Myanmar.

Well, after a time, I was back in Thailand. I went to visit Samui island and stayed there for a month, then moved to Bangkok, then finally stayed for a few days back in Pattaya before my planned move next week to stay on the island of Phangan and to operate with my Thai callsign - HSØZIB.

So I'm walking down the road in Pattaya and walk past my old rented room. Amazingly, I see my Spiderbeam mast, propped up next to the trash barrel because the trash collectors didn't want to take it! I'm driving/car ferry to Phangan, so I have plenty of room for the mast in my car. The mast has been laying out in the street for the past 4 months or so, and no-one has been interested to take it

So, the mast has been reunited with its owner, ready for my 160/80m vertical project on the beautiful island of Phangan

Spiderbeam Mast photo courtesy of Spiderbeam and Vibroplex



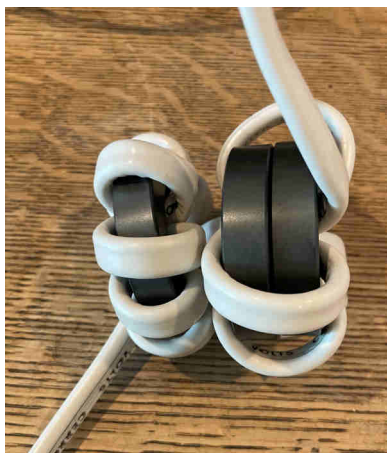
Power Line Chokes

ARRL Contest Update Paul Bourque N2SFE, Editor

Newington, CT, October 26th, 2022 -- Keeping electromagnetic interference (EMI) out of power lines is important when using generators with radio gear.

Jim Brown K9YC provides guidance on constructing practical common-mode power-line chokes for this purpose, in his document, "A Ham's Guide to RFI, Ferrites, Baluns, and Audio Interfacing." I recently built a couple of the chokes shown in Fig 30a. If you're building one, you'll need at least 62 inches of Romex-type cable to make one of these with the three cores.

In email communication with Jim, he reiterates to not substitute wire type or cores, otherwise you'll be on your own for characterizing the performance of the chokes.



Cruciform drive screws have a head with two slots crossing. Some screws just have the two slots, some have slots and a dot or two, and sometimes the slots have a different shape where they cross. As long as you have a tool that will turn them, it's ok, right? Well, maybe, maybe not. There are different types, denoted by the markings on the screw heads, and for critical applications, you should always use the right tool for the right screw, especially if you want to avoid cam-out and damaging the slots. It's easy to geek out on this topic, but here's a [Wikipedia article that provides a high-level overview of the various types](#).

Starting early November, Chris HB9FIY will be on St. Helena island for 3 weeks. Plans are to QRV as **ZD7CA** on 40 - 10 meters, SSB & Digi when time permits. Look for his signals on WSPR too. QSL via EA5GL

During 8—15 February, look for Alex **K6VHF/HR9** to again be QRV from Roatan Island NA-057. QRV 160—6 meters, SSB CW and FT-8. QSL via K6VHF or as directed.

DX News Briefs

With his 28 October edition (OPDX Bulletin 1586), **Ted Mirglotta KB8NW has announced his retirement from the OPDX Bulletin**. Tedd has been providing the bulletin for just shy of 32 years, since March 1991, and has been providing DX information starting with the old BARRF-80 BBS system for 42 years. But as he's just turned 70 this year, and with concerns about health issues, he has decided that the time has come. Congratulations to Tedd, and his proof-reader/wife Linda, and thank you for all these years of dedication and hard work towards the DX community.

Note: As of deadline, there have been no announcements if anyone will be taking over the editing post, or if this is the end of the OPDX DX Bulletin.

According to the Dayton Daily News, the Dayton Radisson Hotel (formerly the **Dayton Crowne Plaza**), "home" of DXers and Contesters for many years during Hamvention, has closed for the "foreseeable future" as of 31 October. A group called "Veteran Services USA" announced last year that they had purchased the hotel and similar properties across the nation, with plans to create "mixed-use" buildings that would include both hotel space and housing for aging veterans. More information at <https://www.daytondailynews.com/local/downtown-dayton-hotel-tied-to-convention-center-will-close-in-a-week/MIMLO6CMV5FQDLTODGPHVE7SWM/>

The **7P8CW** DXpedition scheduled for 2 – 7 November has been postponed until next year, due to a car accident involving one of the team members and their families.

FT4YM will again be QRV from multiple bases in Antarctica during the summer campaign, November 2022 – March 2023. QSL as directed.

The Rebel DX Group has announced on Facebook that the equipment for **T33T** arrived in Tarawa, Kiribati. They plan to be QRV for 10 days starting 7 or 8 November. More information at <https://www.facebook.com/rebeldxgroup>

E73ØITU will be QRV through 14 November to celebrate the 30th anniversary of Bosnia and Herzegovina's membership in the ITU. QSL via LotW only.

A group of Dutch amateurs will be QRV through 30 October from **HBØ**. Look for **HBØ/PA2RDK**, **HBØ/PA3CNO**, **HBØ/PA3HK** and **HBØ/PEØMGB** on 80 – 10, CW with some SSB. QSL each via their home call..

H44SHD will be QRV from 6 – 19 December, 40 – 6, mainly SSB with some digital and very little CW. QSL via HB9SHD or as directed.

GØVJG has announced that he will be active from **Cocos (Keeling) Island** 17-24 February 2023. QRV on HF bands. Callsign has been requested but not yet confirmed. More information to come.

QSL Routes

4L1MA via ON4RU	D4Z via IK2NCJ	PF6ØPENM via PF9W
4L2M via EA7FTR	E2A via E21E1C	PJ4NG via K4BAI
4L4DX via K6VHF	EA3ATO via	SU8X via OH2BH
4Ø7CC via UA4CC	EA3RCI	SU9VB via UA4WHX
5V7JA via KB9IJI	E11Y via EI5JQ	TC7G via YM7KK
7Q6M via K6ZO	ES9UKR via ES5RY	TC99TC via TA2IJ
7X2GK via IK2DUW	FY5KE via FY1FL	TI2VLM via EA5ZD
8P2K via KU9C	GS8VL via MØOXO	TM12M via F5FAB
8S9J via SM5TOG	HF1ØØL via	TO2DL via DL7DF
9A8GHJ/P via	SP9KDR	TZ4AM via KX4R
OE7GHJ	IF9A via IT9ATF	V26K via AA3B
9LYDJ1 via GØEDI	IMØA via ISØBSR	V26OC via N3OC
9N7AA via S57DX	J28MD via IK2VUC	V31XX via K4XS
9V1YC via W5UE	J5JUA via CT2GQA	V47NT via W2RQ
9Z4A via N2TTA	J68HZ via K9HZ	VP5Z via JJ2RCJ
A25SL via N4GNR	OR78CLM via	VP8TAA via MØOXO
B7P via BA4EG	ON6HC	XV9BPO via EA5GL
CN47MS via CN8WW	OX3LX via OZØJ	Z68XX via DL2RJM
CQ3J via CT3MD	P29RO via DL4SVA	ZF2MJ via N6MJ
CQ3W via DF7EE	P4ØL via WA3FRP	
CR3Y via OM2FY	P4ØT via VE3DZ	
D4L via IK2NCJ	PA6ØNN via PC4C	

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.

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Toll-Free 1-800-545-8881

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Antenna Zoning or PRB-1 Issues?

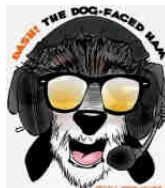
Contact: **Michael S. Lazaroff K3AIR, Esquire**

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 October 31st, 2022

Novice	7,424
Technician	429,936
General	197,927
Advanced	37,198
Extra	161,808
Club	12,501
Total	846,794

All-Time High 10/26/2022 846,858

Last 90 Days:	New Amateurs	5,582
	Callsign Changes	1,546
	Class Changes	2,818
	No Longer Licensed	4,224
	All Updates (*)	22,670

(*) Includes renewals, address changes, etc.

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

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

Group A	AC3JL
Group B	KF3EU
Group C	(none available / all issued)
Group D	KC3VAR

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?



FCC News

Courtesy of the American Radio Relay League

Newington, CT, October 27th, 2022 – The Federal Communications Commission (FCC) announced this week that it is opening a new window for applications under its Honors Engineer Program. The one-year developmental program may lead to a term or permanent appointment.

The Commission is accepting applications from recent graduates with an engineering degree and current students graduating in December 2022.

Among the duties included in the job description is training to perform "propagation analysis of terrestrial, satellite and/or airborne systems or evaluating the emission characteristics of various transmitters to validate the co-existence with neighboring systems. Projects may also involve various computer software engineering and scientific applications."

An FCC [news release](#) describes that honors engineers will work alongside senior staff on projects, including:

- Developing technical rules and policy approaches to enable the U.S. to introduce new communications technologies and services such as 5G, 6G, advanced Wi-Fi, the Internet of Things, next-generation TV broadcasting, and new broadband satellite systems;
- Facilitating wireless and wireline broadband service deployment throughout the nation, including to rural and underserved areas;
- Identifying technologies to improve access to communications services for all Americans, especially those with disabilities;
- Enabling public safety and homeland security agencies as well as various enterprises within various market sectors such as health care, energy, education, and transportation to introduce new communications technologies; and
- Developing policies that encourage innovation and investment in and transitions to new communications technologies, devices, and services that will support job creation and economic growth.

"Engineers are deployed throughout the FCC, and from space innovation to new broadcast standards to 6G and beyond, the FCC's policy portfolio is filled with interesting and challenging engineering work," said FCC Chairwoman Jessica Rosenworcel. "Our Honors Engineer program is a unique opportunity for the newest engineers to work closely with experienced professionals in this field to ensure that the FCC is best prepared to face the challenges of next-generation communications networks."

The announcement will close once 175 applications have been received or on December 2nd, 2022; whichever occurs first. Visit USAJOBS for the complete position summary and to apply, at www.usajobs.gov/job/685101100.

New Amateur Radio License Fees Took Effect April 19th.

London, England, UK, October 28th, 2022 -- The RSGB is sad to learn of the passing of Richard Brunton G4TUT.

For countless years, Richard was editor of the popular Southgate Amateur Radio News website. Every single day, he searched the world's amateur radio and technology resources for stories of interest and published them.

Richard offered his platform inclusively, commissioning non-commercial podcasts and blogs to promote opinion alongside the conventional news items.

Richard was an intensely private man who had no close family, but he reached thousands of friends daily through his website.

Amateur radio has lost a true communicator.

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

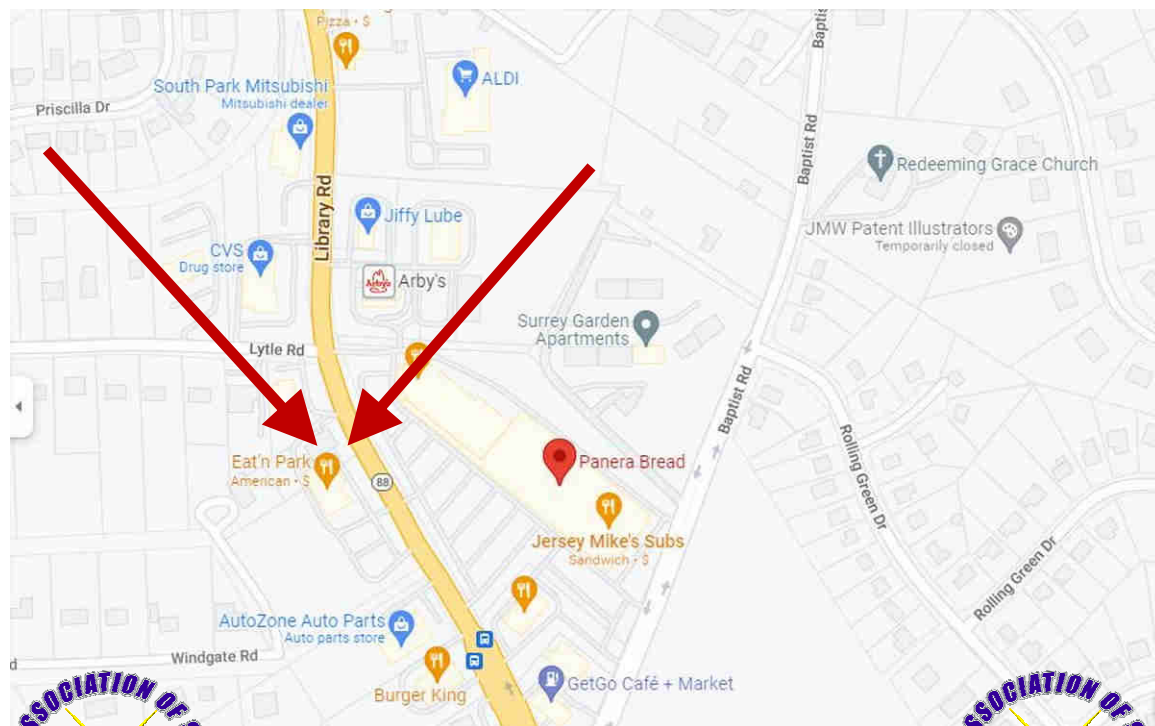
The Daily DX, 3025 Hobbs Road,
Glenwood, MD 21738 Phone: 301-854-5650



Arghh!
What Mightst We Draw For Ye, Matey?



Directions to the November Meeting Site



The October meeting will be held at **EAT'N PARK** South Park, 5220 Library Road, Bethel Park 15102.

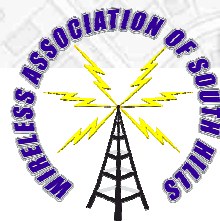
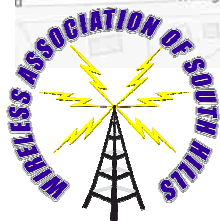
(This is presuming we do not get changed to a Zoom meeting... please keep an eye on the Club Reflector for the final word)

We have the room booked starting at 6:30 PM.

As always, you are under no obligation to buy anything, but we do encourage everyone who wishes to do so, to show our appreciation for their hospitality.

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

