

WASHRAGTM

TM



VOLUME 25 Issue 05
MAY 2023

Wireless Association of South Hills

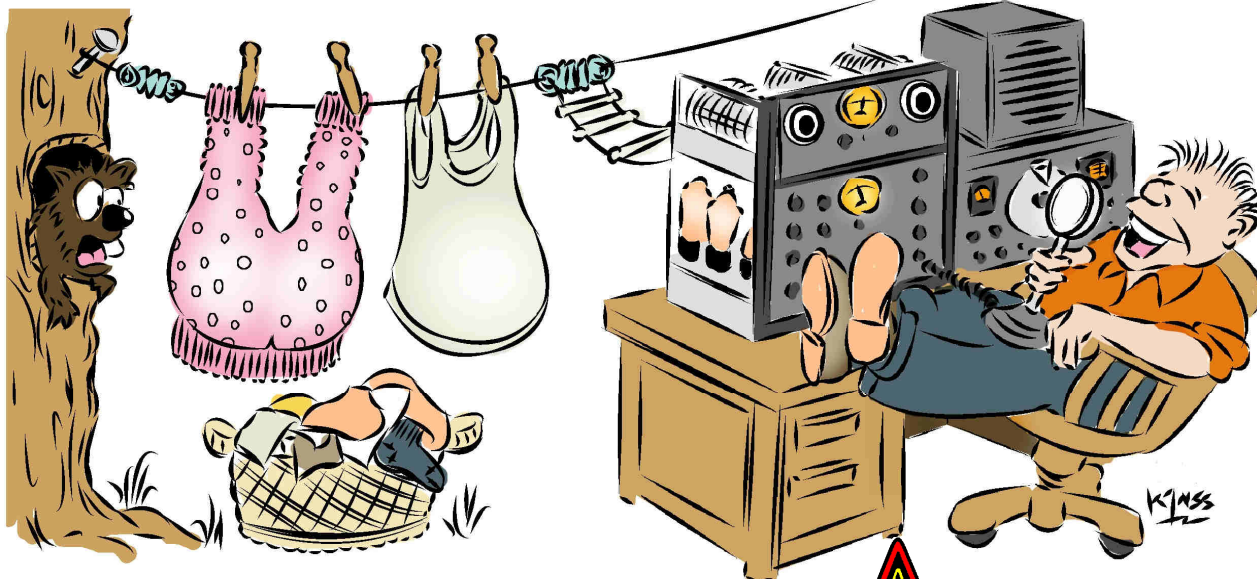


N3SH WA3SH NP2SH/B

www.n3sh.org



Wireless Association of South Hills



WASHRAG™



VOLUME 25 Issue 05

MAY 2023

Next Monthly Meeting: Thursday, May 4th, 2023

The next scheduled meeting of the WIRELESS ASSOCIATION OF SOUTH HILLS, INC. will be on **Thursday, May 4th, 2023**, starting at 7 PM, at **PANERA BREAD Galleria Mall**, 1500 Washington Road, Mt. Lebanon PA 15228. Room will be available to us starting at 6:30 PM for anyone who'd like to get dinner, or just nosh, before the meeting

Topics Include: Field Day 2023, Breezeshooters Hamfest Plans, Hamvention, and more.

See you there!

Cover: Two Rivers ARC Hamfest 2023, shortly after opening up!

Photo courtesy of and © Copyright 2023 Ron Notarius W3WN

WASH 2023 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 2024 Committee	Ron Telek W3LE, Chair
	Bill Hill W3WH
Activities & Operating Events	Glen Roberts KE7FD
Ways & Means	Rick Bell KB3IAC
WASH 2M Contest Chair	Carol Danko KB3GMM
Field Day 2023 Coordinators	Chuck Bihun KC3ELA
	Bill Hill W3WH
	Larry Comden K3VX
	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 2023 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 or 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 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 June 24th

The Next WASH VE exam session will be on **Saturday, June 24th, 2023, 11:00 AM**, at **Sunset Hills Grove, South Park**, (the WASH 2023 Field Day site). 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.doc>

Future test dates: To Be Determined

Curtis's Reflections



Oh my goodness where did April go? With May rolling in we have several things to look forward to as well as some planning ahead.

First off, May 19th -21st is Hamvention and all that it brings to Xenia, Ohio. I will be attending again this year and will be promoting Parks on the Air in their booth. Kerry and I are staying in Caesar Creek State Park for the weekend and will be operating other POTA sites while not at the fairgrounds.

Next up is Field Day, which I must say the committee is well underway with planning. Expect to hear more from the committee at the next meeting, so please think about how you would like to contribute and come prepared to discuss and potentially sign up for time slots for operating modes.

A little further down the line is the PA QSO party, but with the way April disappeared I am sure October 14th and 15th will be here before we know it, so start chatting with folks and making plans.

Our next meeting is the last meeting I have scheduled for Panera at the Galleria mall. The thought is that we can transition to a shelter in South Park for June, July, August, and likely September. I will be looking for feedback on this plan at the meeting and look forward to seeing you there.

— 73, Curtis Turner KB3CMT

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

Reminder:

The May WASH Meeting location will again be Panera Bread at the Galleria Mall, 1500 Washington Road (US 19) in Bethel Park. Meeting begins at 7 PM; the room is available to us starting at 6:30 PM. Remember, our hosts are letting us use the meeting room gratis, so please return the favor and grab a bite or a sandwich or dinner before the meeting begins!

The second 2023 gathering of the **WASH Breakfast Gang** took place on Saturday, April 29th, at **McMURRAY EAT'N PARK, 3380 WASHINGTON ROAD, McMURRAY**, on Saturday, March 25th at 8 AM. Refusing to resist temptation were WB4GCS, KB3GMU, N3FB, N3IDH and W3WN. Topics of the morning included cruise ships, Dayton Hamvention, backups on I-81 in VA, Pigeon Forge, the Alcatraz Museum, cataract surgery (we are NOT getting old! We are NOT getting old!), the Pancreatic Cancer special event stations, Breezeshooters, kids and high school sports, the Army/Navy game, remembering Suzie B's, and a whole bunch more.

Hope to see more at the next gathering, Saturday, May 27th, at the **McMURRAY EAT'N PARK, 3380 WASHINGTON ROAD**. See you there!

Did anyone get any pictures from any of the **recent public service events** in the area? If you'd like to share, we'd like to publish!

Wow, is there a lot to cover. First off, two hamfests are back! There WILL be a **2023 Breezeshooter's Hamfest**, and for the first time in years, it will be held at the **Butler Farm Show Grounds**! It will also be back to Sunday only! We are really looking forward to this one!

...and **THERE WILL BE A WASH PICNIC AT BREEZESHOOTERS**, as we have done for years and years. (Don't know exactly where yet, but we're going to shoot for the "same old place" we used to use!) We just didn't have the space to put the full blurb in, but once again it will be a pot-luck picnic. The club will be providing some of the basics, we're asking everyone planning to attend to bring something; snacks, dessert, condiments, whatever! Contact Ron W3WN to coordinate. And more information at the club meeting, and there will be additional announcements on the reflectors.

On top of that, the **WACOM Hamfest** is also back for **2023**! New date, new location! See page 5 for some of the details!

Field Day 2023 will be upon us in just a few weeks! There WILL be **VE Testing on FD Saturday**! Plans are underway, with further discussion coming up at this month's meeting! It looks to be a whole lot of fun, again, but we need everyone's help to setup and operate. More details at the meeting!

Ye Editor **is not going to be able to make Hamvention** this year. Anyone going who can snap a few pictures — vendors, flea market, food, attendees, new equipment, food, flea market... whatever... it will be greatly appreciated!

The 2023 Youth On The Air Camp for the Americas will be held in Ottawa on July 16th -21st. Each year campers have the opportunity to try different aspects of the Amateur Radio hobby, including satellite operation and high altitude balloon launches.

YOTA Camp is for already licensed Amateur Radio operators between the ages of 15 to 25. The camp will focus on building strong relationships with peers and mentors, and developing radio skills.

More information and applications are available at <https://youthontheair.org/ottawa2023>

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

Minutes, April 6th Meeting

Nathan Suehr KC3GMM, Vice President / Secretary, WASH

Call to Order: 19:03.

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

Roll Call. 18 Members, 1 Guest Present

Committee Reports:

Treasurer: Provided by Mark (N3RDV) and read by Curtis (KB3CMT). Motion to accept financial report as read by Bill (W3WH) with second by Ron (W3LE). Voted and carried.

Secretary: Nathan (KC3GMM) - March meeting minutes published in April newsletter. No corrections to the minutes. Motion to accept by Frank (N3FB) and second by Kathy (KA3VXM). Voted and carried.

Repeaters: (Frank N3FB) Repeating.

WASHNet: Nathan (KC3GMM): Good participation.

Thursday Night Tech Net No solid volunteer for April tech talk. Possible topic from Frank.

Newsletter: Ron (W3WN): Out!

VE: Session at Field Day. Need to establish time to have the event published on ARRL site. Ron (W3WN) 11AM start time suggested.

Ways & Means: Carol (KB3GMN) - Starting next meeting we will have a 50/50. Lots of good comments about the WASHFest.

Contests: Larry (K3VX) - Had Field Day Zoom meeting. How hard should we pursue bonus points for Field Day? Going to invite elected officials to the site. We could put a Field Day announcement in the City Paper. There may be other publications that we can use as well.

- Bill (W3WH) - Looking for a volunteer to coordinate bonus points. In past years, we fell short in getting bonus points. Confirmed that we're operating as 3A. We will use time slots to coordinate voice stations. CW and digital will not need to be managed. Using Icom 7300s as radios.
- --- Discussion about bringing along additional radios. ---
- Jim (WB4GCS) - Read list of bonus points directly from rules
- Harold (K3HCR) - Have we figured out networking/logging?
- Bill (W3WH) - Jeff (N3JSF) has it figured out.
- Jeff (N3JSF) - 12v wireless router connected directly to generator with onboard USB storage and extra power cord. Bring your laptops to next club meeting to test.
- Bill (W3WH) - Conversation with Carol (KB3GMN) about food. Burgers and hotdogs for lunches. Order pizza and salad for dinner. Pop and water will be available. Breakfast to be discussed at a later date.
- Jim (WB4GCS) - Can bring his portable gas grill, generator, and distribution box. Frank (N3FB) to bring extension cords.
- Frank (N3FB) - Need to finish the patch panel. Bringing lights. His extension cords have two outlets.

New Business: Is anybody going to Two Rivers? Are we going to have a WASH table? Carol will reserve table.

Old Business: None

Good of the order:

- Jeff (N3JSF) - Has some RG62 coax available for free.
- Jim (WB4GCS) - Has been researching coax. Not all RG8X created equal in regard to how much power can be put into it. RG400 will take 2500 watts regardless of brand.
- Larry (K3VX) - RG400 has much higher loss than RG8X
- Larry (K3VX) - Bill and himself ran into issue with Rig Runner for power distribution. Icom 7300 plugged into Rig Runner would only put out 50 watts. Found corrosion on both fuses that was causing a voltage drop.
- Jim (WB4GCS) - Doesn't take much of a voltage drop to cause power to be reduced.
- Mike (WA3PYU) - Comment about salt water causing corrosion in electric cars and fires resulting.
- Further discussion about battery technology

Motion to adjourn by Bill (W3WH) and second by Jeff (N3JSF). Voted and carried.

Adjourned at 19:44 PM 04/06/2023

WASH Spotlight: WC30

Seen at the 2 Rivers ARC Hamfest, "Radio Free" Bob WC30... probably enjoying that someone ELSE was doing the cooking this morning!

Photo courtesy of 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: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	KC3TEU	WA3VSS	WASH FL	WASH TN	Silent Keys
AC4KU	KC3UUK	WB4GCS	KA3UPY/M	K3OL	
AE3DL	KC3VQR		WASH NE	KE3XB	AB3KA
K3GW	KC4WTT		NØPEU	N3YPB	AB3ED
K3HCR	KE7FD	Melissa	WASH OH	WASH TX	AC4KU
K3VX	N3DFK	Greenwald	N8DPW	NB3C	AD3Q
K3WPL	N3IDH	Charlotte	WASH OR	K3LGM	K3EED
K6DWR	N3JSF	Peterson	KB3NVL	KB3IJX	K3LIE
KA3VXM	N3RDV	Charmel	KB3NVM	Jane Wagner	KA3NMG
KB3BYA	N3SBF	Spirk	WASH SC	WASH VI	KB3ENX
KB3CMT	N3UE		N8NEU	NP2JF	KB3FNM
KB3GMN	N8NEU				KB3FQT
KB3GUZ	NB3C				KB3JHQ
KB3IAC	NL7XM				N3BPP
KB3IVX	NY9H				N3CZZ
KB3JHR	W3DTP				N3FZ
KB3NIX	W3LE				N3HKQ
KB3YCX	W3WH				N3KEH
KC3GMM	W3WN				N3OBD
KC3OCT	W8LEV				N3RNX
KC3RGV	WA3PYU				N3SKR

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

Through March 16th, 2023

List compiled by

Mark Stabryla N3RDV, Vice President/Treasurer

WA3JPP

2023 WASH Upcoming Events Calendar

Club Meetings & Other Significant Events — Subject to Change

May 4 th	WASH Meeting	Panera Bread / Galleria Mall, 1500 Washington Road, Mt. Lebanon PA
May 19 th - 21 st	Dayton ARA Hamvention 2023	Hamvention.org
May 27 th - 28 th	CQ WW WPX Contest CW	https://www.cqwpw.com
June 1 st	WASH Meeting	Sunset Hills Grove, South Park
June 4 th	Breezeshooter's Hamfest	Butler Farm Show Grounds, 625 Evans City Road, Butler PA 16001
June 10 th - 12 th	ARRL VHF Contest	https://www.arrl.org
June 24 th	WASH VEC Exams	Sunset Hills Grove, South Park, starting at 11:00 AM
June 24 th - 25 th	WASH N3T Field Day 2023	Sunset Hills Grove, South Park
July 6 th	WASH Meeting	Sunset Hills Grove, South Park
July 9 th	Somerset County ARC Hamfest	Somerset County Technology Center, 281 Technology Dr, Somerset, PA 15501
July 30 th	WACOM Hamfest	Washington Crowne Center, 1500 West Chestnut Street, Washington PA 15301
August 3 rd	WASH Meeting	Sunset Hills Grove, South Park
August 12 th	Uniontown ARC 73 rd Gabfest	W3PIE Clubhouse, 433 Old Pittsburgh Road, Uniontown PA 15041
August 27 th	2023 Skyview Swap N Shop	K3MJW Clubhouse, 2335 Turkey Ridge Road, New Kensington PA 15068



WACOM HAMFEST

Sunday, July 30th, 2023, 8:00 AM—1:00 PM

Washington Crowne Center Mall

1500 West Chestnut Street, Washington PA 15301

Free Admission — Free Tailgating

Talk-in on 147.790 No PL

More Information contact Tom Wright N3WS tom.n3ws@protonmail.com

"Seen" at the April Meeting

Photos courtesy of and © Copyright
2023 Ron Notarius W3WN



"Seen" at the Two Rivers ARC Hamfest

Photos courtesy of and © Copyright 2023 Ron Notarius W3WN



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



The Fox From Hell

Eric P. Nichols KL7AJ

North Pole, AK, April 19th, 2023 – Phil Leggett peered through the porthole in the side door of the Nyquist's garage. As usual, Ratchet was at his father's workbench, hunched in utter concentration over his latest dubious experiment, oblivious to the world around him. Phil knew he was taking his life in his hands just being near the guy, but at least he wasn't boring. He wasn't sure if he should frantically pound on the door first and scare Ratchet out of his wits, or sneak into the garage and creep up behind him and scare him out of his wits. Either way, it would be entertaining enough.

Phil couldn't quite make up his mind. He decided to flip a coin—if he could find one. He reached into the pocket of his jeans. Nothing. He thrust his hands into his jacket pocket. Still no coin.

Something better. Something much better. A string of firecrackers!

Phil didn't know how long they'd been in his pocket; probably they were all pretty stale by now. But at least it was worth a shot. He patted his jacket again, and to his even further delight, he discovered disposable green plastic butane lighter, probably from the same era as the firecrackers. Life couldn't get any better! Phil shook the lighter, and discovered there was still a dribble of butane left, which was all he needed. He peered in the window again; Ratchet was still in deep concentration.

With utmost care, Phil quietly opened the door, just wide enough to slip the string of firecrackers in. He flicked the butane lighter a few times, to no avail.

"Crap!" he whispered under his breath. Just before he tossed the lighter into the flowerbed in disgust, he decided to try it one more time.

Success!

Phil touched the sputtering flame to the fuse of the first firecracker in the string, and quietly pulled the door closed, calmly waiting for World War III to erupt inside.

The echo of the rapid-fire explosions had to have been deafening inside the hard-walled garage; it was loud enough to wake the dead even outside. However, after the racket died out, one thing that was oddly missing. No screams, yells or cursing from Ratchet! Phil immediately panicked; certain that he had given Ratchet a heart attack!

His heart pounding with remorse, he quickly opened the door to investigate; his nostrils burned from the smell of burnt gunpowder, as a gray haze filled the garage. To Phil's utter astonishment, Ratchet was calmly soldering away at something on the bench.

"Most of my friends just knock," Ratchet said evenly, not even bothering to lift his eyes off his project.

"Next time it will be a M-80!" Phil grumbled to himself.

Ratchet stuffed his soldering iron into its holder and stretched. "Now that you've had your little giggle, would you care to do something useful?"

"Useful is my middle name," Phil said, cracking his knuckles.

Mr. Nyquist entered the garage through the kitchen door, stopped and sniffed the air, curiously. Ratchet turned around on his swivel stool.

"Oh, hi Dad."

"Greetings, next generation. Give me a reason to hope for the future." He pressed the electric garage door opener by the kitchen doorjamb.

Ratchet lifted his "device" off the bench, and placed it on his knees. "Funny you should mention that, O Paternal Unit. As a matter of fact, this is going to make us all rich. It's a robotic control for a lawnmower."

Mr. Nyquist peered out the open garage door toward the somewhat overgrown front lawn. "Evidently, it's not quite ready for prime time yet. Alas. Your unbridled optimism had me on the very precipice of turning in my two-week notice."

Ratchet took the not-too-subtle hint. "I'll take care of it, Dad. By the way, are you by any chance going by Selectronix today?"

"I could probably deign to darken their door."

"Cool. Could you pick me up a multimeter? Just get one of those El Cheapos by the counter. I fried my old one."

Mr. Nyquist shook his head in mock disgust. "Why can't you boys just do drugs like normal teenagers? Why, when I was your age..." his words tapered off as he entered the minivan and started the engine. As he backed out of the garage, Phil stared at Ratchet in astonishment.

"Your dad was a druggie?!"

Ratchet laughed. "I don't think so. He was more of a nerd than you and me put together. He still is."

"Yeah, I sort of gathered that. I wonder what my dad would have been like. Sometimes I think even a butthead of a dad would be better than a dead one."

Ratchet lowered his eyes to the robot on his knees. "Yeah, that sorta sucks." He lifted his head. "But you can borrow my dad whenever you want. He needs another hobby, anyway."

"Thanks. I'll keep that in mind. Speaking of other hobbies, how's 75 meters?"

Ratchet shrugged. "Why do you give a rip about 75? It's just a bunch of old farts talking about their gums and prostates."

Phil snapped his fingers with an evil glint in his eye. "Precisely. How would you like to give the Periodontal and Prostate Procedure Discussion Net something to really talk about?"

Ratchet narrowed his eyes toward Phil. "It's not illegal or anything; is it?"

"Define illegal."

"Uh...huh. I figured as much."

"Listen, Ratch. There's a little loophole. This would fall under scientific devices. The worst they could do is tell us to quit. If they could ever figure out who 'us' is in the first place. Which they won't."

"Well, whatever devious plan is rattling around in that gourd on your shoulders, you have my curiosity glands going anyway," Ratchet admitted, reluctantly. "What do you have on? Your mind?"

"I propose we build the Fox from Hell. Remember that 80 meter fox hunt we did about 6 years ago?"

"Yeah. What about it?"

"I still have the transmitter. We could retune it to the 3866, where the gum and prostate guys hang out. I've got an auto-keyer chip. I can set it to transmit the letter J at random intervals, whenever the PPPD Net is in session. Forever."

Ratchet remained skeptical. "80 meter DFing is a little tricky, but it's not THAT hard. Even the old farts will eventually find it. But it could be fun for a few days anyway."

Phil shook his head. "Haven't you ever heard of NVIS? Have you ever tried to DF a signal that's coming from straight overhead? Especially if there's no ground wave."

The Fox From Hell

Continued from Page 8

Ratchet lit up. "Oh, you are an evil man." And then his countenance suddenly fell. "Uh...Just one thing. How do you propose to eliminate the ground wave?"

"Haven't you ever heard of a cavity back dipole?"

Ratchet shifted his eyes suspiciously. "For 80 meters? Do you know how big that would have to be?! You'd need a cavity the size of an Olympic swimming pool!"

"You mean like an empty Olympic swimming pool? An abandoned empty Olympic swimming pool. An abandoned empty Olympic swimming pool surrounded by cheap plastic pink flamingos? An abandoned empty Olympic swimming pool surrounded by cheap plastic pink flamingos that was manufactured by lining an Olympic sized pit with wire mesh over which was sprayed three inches of concrete? That kind of Olympic swimming pool?"

A grin of understanding spread across Ratchet's face. "Oh, you are indeed an evil person! You've been thinking about this for a while, haven't you?"

Phil shrugged. "It's what I do."

The next Saturday morning, the Fox from Hell was ready for deployment. They drove out to the decrepit Paradise Hotel, which had been abandoned by its cash-strapped developer halfway through its construction, some fifteen years earlier. It had been an eyesore ever since, but both Phil and Ratchet had always been soft touches for eyesores...especially if they could be redeemed in any remotely ham radio related fashion.

Phil strung an 80 meter dipole end-to-end across the pool, just below gutter height, while Ratchet fitted the transmitter with a pair of marine duty deep cycle batteries, freshly charged the night before. He calculated that the little 5 watt transmitter would run about two months without a recharge, with its intermittent duty cycle. A styrofoam cooler chest was purchased in which to house the devious device. The radio and cooler was placed atop the drain, and the coax run up to the center of the dipole.

After the installation was completed, Phil and Ratchet stood at the edge of the pool to admire their handiwork.

"She's beautiful, isn't she?" Phil remarked, gazing down at the cooler.

Ratchet shrugged and gave Phil a slug in the arm.

"It's what I do."

That evening, Phil and Ratchet migrated to Phil's house, where he had set up his station in the spare upstairs bedroom where his older sister had once lived. He had managed to squeeze a fairly decent station into the dormer of the room. It was a bit cramped but effective.

Ten minutes before gum and prostate net time, Phil spun the dial on his Tempo One to 3866, and twiddled his Ultimate Transmatch for maximum noise. A few long-haul stations were heard in the noise, which would soon be buried under the gum and prostate net. After a couple of minutes, a single letter J chirped from the speaker at six words a minute; it was a good 5 over S9. Phil and Ratchet gave each other a rowdy high-five. Certainly enough signal to make its presence known to the old geezers.

At the appointed time, the PPPD Net members began checking in. As always, Ted, K6TSQ was the master of ceremonies. After the last member identified, as if on cue, the letter J chimed in again.

It was heard.

"Ted, did you hear that?"

"Hear what?"

"Sounded like some lid trying to check in on CW. Kind of down in the noise on this end. Anyone here still copy CW?"

"Not me."

"Not me."

"Nope."

"I'll give it a try. The CW station, come again."

Silence.

"QRZ the CW station."

More silence.

"Well, guess he's not hearing us too well."

"Hey Ted."

"Ye-e-e-eah?"

"How's your gout been?"

"About the same. Doctor's going to try a new diet."

"Why don't YOU try a new diet?"

"Ha ha."

The letter J chimed in again. This time Ted heard.

"This is a phone net, OM. We don't do CW here. QSY down 200. You might find someone down there."

"That's telling 'im, Ted."

"Something J is all I got out of it. Kinda puny here, too."

"Came in like a ton of bricks down here."

"!@#%^&&&()*!"

The profanity and irritation level of the gum and prostate club escalated with each random transmission of the letter J. The little transmitter remained singularly immune to the threats and curses that ensued.

"Well, isn't this fun!" Phil commented.

"Yeah, but I'm afraid if this goes on for too long, one of the old geezers might have a stroke or something. Nobody's had gout for the past hundred years. I'd hate to push someone over the edge."

"Well, if they don't like it, they can just spin the dial down 200!" Phil observed.

Ratchet laughed. "I don't think any of these guys HAVE dials!"

"Ha! I think you're right. 3866 has been in use since the Civil War. I think they've worn ruts in the ether."

"Ratchet scratched his head. "I wonder if our J will wear ruts in the ether too. Maybe we should change the letter once in a while...like when we recharge the battery or something."

"Good call. Maybe we could use a Cyrillic letter. Or one of those punctuation symbols nobody uses, like a right parenthesis. Or maybe that new symbol for the "at" thingy. Forgot what it was. Keep 'em guessing."

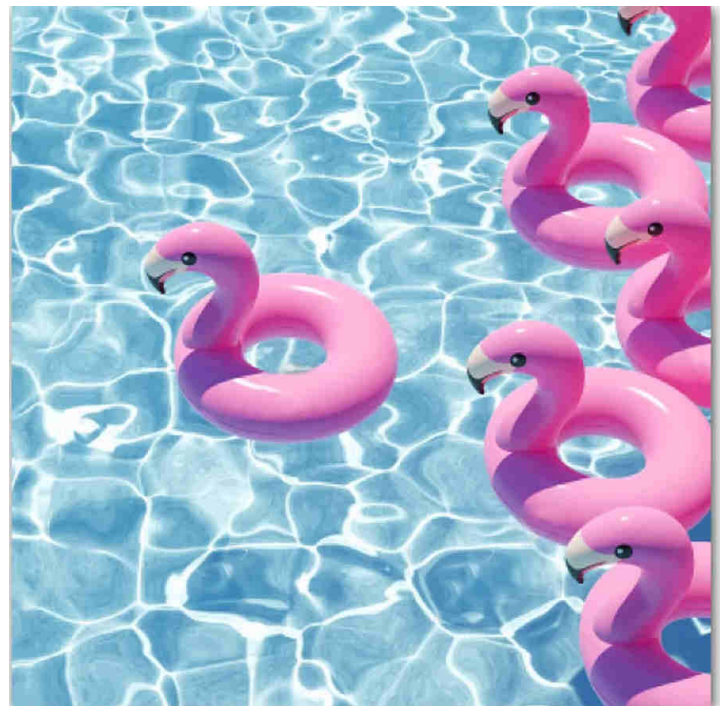
Ratchet peered thoughtfully out the dormer window for a moment, and then turned to Phil.

"Did it ever occur to you that maybe we need a life? In forty years do you think you and me will be talking about our gums and prostates? I mean, maybe those old farts used to be interesting when they were our age."

Phil stared at Ratchet for a moment. "You think so?"

After an awkward silence, Phil and Ratchet turned away from one another, and simultaneously uttered the same thought.

"Nah!"



Armed Forces Day Crossband Test

American Radio Relay League

Newington, CT, April 24th, 2023 – The US Department of Defense (DoD) will host this year's Armed Forces Day (AFD) Crossband Test on May 13th, 2023. This annual event is open to all licensed amateur radio operators and will not impact any public or private communications. For more than 50 years, military and amateur stations have taken part in this event.

The AFD Crossband Test is a unique opportunity to test two-way communications between military communicators and radio stations in the Amateur Radio Service (ARS), 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.

Military stations will transmit on selected frequencies and will announce the specific ARS frequencies monitored. All of the times are Zulu (Z), and all frequencies are Upper Side Band (USB) unless otherwise noted. The frequencies used for the test will not stray outside the confines of the exercise.

A complete list of frequencies, time periods, QSL cards, and other information can be found at [DoD MARS - Armed Forces Day](#).

AFD is a time of honor. It will be celebrated on Saturday, May 20th, 2023. The first AFD was celebrated with parades, open houses, receptions, and air shows. Today, many events and activities take place and may include multi-service military displays in areas open to the public, various educational activities that teach children about the armed forces, and large parades with local celebrations.

The longest running AFD parade in the United States is held in Chattanooga, Tennessee. Certain types of music will be played at AFD 2023 events to show respect to those in the armed forces who died for their country.



NASA Names Three Hams to Artemis II Moon Mission Crew

American Radio Relay League

Newington, CT, April 7th, 2023 – NASA and the Canadian Space Agency (CSA) announced the four astronauts who will venture around the moon on Artemis II. This will be the first crewed mission on NASA's path to establishing long-term moon science and exploration development. The agencies revealed the crew members on Monday, April 3rd, 2023, during an event at Ellington Field near NASA's Johnson Space Center in Houston, Texas. Three of the four crew members are amateur radio operators.

"The Artemis II crew represents thousands of people working tirelessly to bring us to the stars. This is their crew, this is our crew, this is humanity's crew," said NASA Administrator Bill Nelson. "NASA astronauts Reid Wiseman, Victor Glover, and Christina Hammock Koch, and CSA astronaut Jeremy Hansen, each has their own story, but together, they represent our creed: E pluribus unum - out of many, one. Together, we are ushering in a new era of exploration for a new generation of star sailors and dreamers - the Artemis Generation."

The crew will work as a team to execute an ambitious set of demonstrations during the flight test.

Their assignments are as follows: Commander Reid Wiseman KF5LKT, Pilot Victor Glover KI5BKC, Mission Specialist 1 Christina Hammock Koch, and Mission Specialist 2 Jeremy Hansen KF5LKH. Koch had planned to study and take her amateur license exam in 2019, but her flight was suddenly rescheduled 6 months earlier than originally planned. She had to immediately begin preparing for her flight instead of studying.

The Artemis II mission is scheduled to launch in November 2024. The approximately 10-day flight test will launch on the agency's powerful Space Launch System rocket, prove the Orion spacecraft's life-support systems, and validate the capabilities and techniques needed for humans to live and work in deep space.

For more information, visit the [NASA](#) website.



The Artemis II Crew (L-R): Christina Hammock Koch, Reid Wiseman KF5LKT, Victor Glover KI5BKC, Jeremy Hansen KF5LKH. Photo courtesy of NASA

Making A Big Decision: Together

Mike Walters W8ZY,
ARRL Field Services
Manager

Newington, CT, April 28th, 2023 – This Monday, May 1st, ARRL will launch a survey for members, encouraging their participation [as we consider a dues increase](#).

The survey will include some short questions about raising dues and modifying the way some membership benefits are bundled. The survey will also include an opportunity for members to share their feedback.

The participation of every member is important. Please encourage all the ARRL members in your radio club to complete the survey in May.

The survey will open on May 1st at www.arrl.org/take-dues-survey. This is a member-only page. Members need to be logged into the ARRL website to take the survey. Members who are not logged in may select the Login button on the top of the web page, and they will be prompted to enter their ARRL website username and password. If they have not logged in since April 2022, they should use these [Login Instructions](#).

Thank you in advance for urging all ARRL members to complete the survey.





BREEZESHOOTER'S HAMFEST

And ARRL WPA Section Convention

Sunday, June 4th, 2023

Butler Farm Show Grounds

625 Evans City Road, Butler PA 16001

(site of the Hamfest for years prior to 2016)

Talk-In on 147.300 (+) PL 131.8

More Information at <http://breezeshooters.com>



SOMERSET COUNTY HAMFEST

Sunday, July 9th, 2023, 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>



UNIONTOWN ARC 73RD ANNUAL GABFEST

Saturday, August 12th, 2023, 8:00 AM—???

Vendor Setup prior to 8:00 AM

Uniontown ARC W3PIE Clubhouse

433 Old Pittsburgh Road, Uniontown, PA 15401

Talk-in on 147.045 PL 131.8

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



2023 SKYVIEW SWAP 'N' SHOP

Sunday, August 27th, 2023, 8:00 AM—1:00 PM

Vendor Setup prior to 8:00 AM

Skyview Radio Society K3MJW Clubhouse

2335 Turkey Ridge Road, New Kensington, PA 15068

Talk-in on 146.64 PL 131.8 Admission \$5

More Information at <http://www.skyviewradio.net>

TX5S Clipperton 2024

Perseverance DX Group

Press Release #2, Tucson, AZ, April 20th, 2024 – The French national frequency agency, ANFR, has reserved the callsign **TX5S** for use during the Clipperton Island DXpedition, the license will be valid for 15 days. We expect to operate maritime mobile, call sign to-be-determined.

As the cost of expeditions to highly most wanted DXCC entities continues to increase the importance of donations to support these projects has never been greater. The Clipperton Island project budget is \$350,000. The ship's fee represents the largest expense and must be paid in advance. We have set a fund-raising target of \$175,000. To date we have raised \$35,800.



Look for TX5S team members at the International DX Convention in Visalia, Dayton Hamvention and Ham Radio Friedrichshafen, we hope to see you there.

Additional details will be released as they develop.

Website: <https://TX5S.net>

Please direct your questions to: info@pdxg.net

DXcellence Award 2023

Northern California DX Foundation

Visalia, CA, April 20th, 2023 — In April 2021, NCDXF announced the creation of an award – “The DXcellence Award”-- to be awarded to the outstanding DXpedition of the last 12 months, which received funding from NCDXF. The award is intended to recognize excellence in a DXpedition, exemplified by practices, ethics, management, transparency, impact upon the DXing community, and lastly exhibited FUN!

The winner of the award is determined by the NCDXF Board of Directors. The Board considers several factors, including performance, complexity of the DXpedition, and impact on Club Log's most wanted ranking. Especially important are activities associated with humanitarian efforts and education.

On celebration of our 50th year of operation, NCDXF is proud to award its 2023 DXcellence Award to Thierry Mazel F6CUK. Thierry is recognized for the outstanding performance of a well-organized DXpedition to Crozet, FT8WW, that had a significant impact on Club Log users' totals from the #3 Most Wanted entity.

The NCDXF looks forward to other DXpeditions this year that will qualify for the next award in 2024. We are hopeful that many DXpeditions will be funded by NCDXF and qualify for this award. Congratulations to FT8WW on the second annual award!

The mission of NCDXF is to provide necessary financial support for well organized DXpeditions to desirable DXCC entities and to support advances in DXpeditioning skills, technology, and infrastructure. Those funds come from the contributions of our supporters in the DX community. Your contribution will help make DX happen. Visit our website: www.ncdxf.org.

We are getting very close to Hamvention! Here some activities that you may be interested in:

ConTest University - great line up of topics - get signed up now—<https://www.contestuniversity.com/>

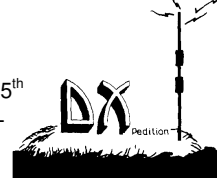
Contest Dinner - Contest Hall of Fame 2023 - Enjoy contesting fellowship—<https://www.contestdinner.com/>

Top Band Dinner - AA1K is the speaker - 160 meter DXCC Countdown—<https://www.topbanddinner.com/>

Contest Super Suite - four nights! Pizza Parties—<https://www.contestsupersuite.com/>

— courtesy of Tim Duffy K3LR

DX News Briefs



5F15SIA will be QRV through 7 May to celebrate the 15th International Exhibition of Agriculture in Morocco. QSL via CN8WW or LotW

5Z4XB is QRV on 20 meter PSK31 and 12 meter FT8 through 8 May. QSL via VK3XB

H44MS will be QRV through 8 May, SSB and FT8. QSL via DL2GAC

DXØNE will be QRV from the Spratly Islands through 9 May, 160 – 6. One rig will be dedicated to FT8 using MSHV. QSL via IZ8CCW

5X2I will be QRV until 10 May, 40 – 10, CW SSB & FT8. OQRS at <https://ha5ao.com/#>

TM45KOP will be QRV until 13 May to celebrate the 45th anniversary of the Radio Club de Provins. QSL via F6KOP

AP100TC will be QRV through 14 May to mark the 100th anniversary of the Republic of Tuerkiye, 40 – 6, CW SSB FT4 & FT8. QSL via OQRS or LotW

5UA99WS will be QRV through 15 June. His focus will be on FT8, but will also be on 40 – 10 SSB. QSL via OQRS or EA5GL

V63WJR will be QRV “holiday style” until September; 20, 15, 12 and 10 meters, CW SSB and FT8. QSL via WA7WJR

9X2AW will be QRV 5 – 15 May, 160-10, CW SSB & Digital.

V47JA will be QRV 23 May through 7 June, 160 – 6, SSB and FT8. QSL via W5JON

VP2EAQ and **VP2EAR** will be QRV 25 May through 1 June, 40 – 10, CW SSB & FT8. QSL via ClubLog OQRS

T31TT will be QRV starting 1 June for 10 – 12 days. QSL as directed.

OY/DC8TM and **OY/DF3TS** will be QRV 25 June – 5 July, SSB and FT8. QSL via LotW

FP/KV1J will be QRV 27 June through 11 July, 80 – 6, CW SSB & Digital. QSL via KV1J or as directed.

Due to COVID-19, it is still not possible to travel to **Swains Island**.

The Italian DXpedition Team will be QRV as **9Q1AA** (CW/SSB/RTTY) and **9Q1ZZ** (FT8) for two weeks in the first half of September 2023. More information at <http://www.i2ysb.com/joomla5/>

E6AM will be QRV 10 – 27 October, 160 – 10, CW SSB RTTY and FT8. Logs will be uploaded during the DXpedition to ClubLog. QSL via LZ1GC or OQRS

H40WA will be QRV 31 October – 14 November from Temotu. More information at <https://intrepid-dx.com/temotu2023/> QSL via MØURX

E6AJ will be QRV 3 – 10 November, holiday style, HF and CW. QSL via DF8AN

QSL Routes

4J100TC via DC9RI	DF8V via DF8VO	OO7Z/P via ON6KZ
4L4DX via K6VHF	EG1PEA via EA1RKA	PA30SPARC via PE5ENJ
4M1W via EB7DX	EG1RVC via EA1URS	PJ4MM via MØURX
4X75BQ via 4X1BQ	EG1SSV via EA1URV	PJ4SON via MØURX
4X75HU via 4X6HU	EG7DMR via EA5RKB	PP2DX via PT2AC
4W1A via DJ4MX	EG7MSP via EA7RCM	PP4T via PY4BZ
5P0WARD via OZ1ACB	FR8TZ via F4FTV	PT5J via PP5JR
5P5Q via OZ9XU	H31B via EA3BT	PV2G via PT2IC
5Q2J via OZ2JBC	H31W via EA3BT	PX2A via PY2VM
5H8HZ via TA1UT	H44MI via DL2GMI	SI7X via SM7FJE
5X2I via HA5AO	HH75RCH via N200	SX50AAH via SV1AHH
6M23VGC via HL4CAF	II4BRI via IQ4FE	SP150WK via SP3PDO
8Q7KB via DL2SBY	II5LDV via IQ5LV	TC4EGE via TA1BE
9Y4WARD via MØOXO	II8VVL via IW8PQ	TM0H via F5IHZ
A91WARD via EC6DX	II9IAKE via HE9ERA	TM200TC via F5KOI
AM23SJH via EA2URE	II9CVT via IQ9VH	TM3CNR via F5PTA
AM23SJT via EA2URE	IQ1SM via IZ1GAR	TM50KBR via F6KBR
AM23SJJ via EA2URE	IR2C via IQ2CJ	TM50IS/P via F5KRH
AM5ANB via EA5PC	J43POTA via SV3SPC	TM9C via F5OHM
AO5PP via EA5GUQ	KØR via WX8C	TM9WARD via F6BEE
COØRRC via N7RO	K4T via KU9C	V51DM via DK3ZL
CQ7HS4A via CT1REP	KL7RRC via N7RO	VP9IN via EC6DX
CR2MFA via CS5LX	LP1H via LU5HM	VQ5Q via W2FQ
CS25ARC via CS5ARC	LS7H via LU1HHT	YB9/DK7PE via DK7PE
DA3T via DL8DXL	LZ6E via LZ1GU	Z30HS4A via Z37RSM

Thanks to DL1SBF, KB8NW, NG3K, the DX-QSL Reflector, 425 DX 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:

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



Antenna Zoning or PRB-1 Issues?

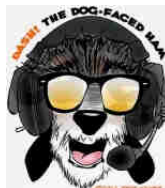
Contact: **Michael S. Lazaroff K3AIR, Esquire**

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



US Amateurs by Class as of May 1st, 2023

Novice	7,151
Technician	430,217
General	199,946
Advanced	36,679
Extra	163,065
Club	12,418
Total	849,476
All-Time High	04/29/2023 849,476

Last 90 Days:	New Amateurs	7,704
	Callsign Changes	1,964
	Class Changes	4,260
	No Longer Licensed	6,147
	All Updates (*)	30,830

(*) Includes renewals, address changes, etc.

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

Latest Region 3 Sequential Calls, Issued as of May 1st, 2023

Group A	AC3KA
Group B	KF3EU
Group C	(none available / all issued)
Group D	KC3VZQ

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

American Radio Relay League

Newington, CT, April 28th, 2023 –The Federal Communications Commission (FCC) is seeking comments

about changing the secondary allocation available to radio amateurs on 60 meters. The FCC issued a Notice of Proposed Rulemaking (NPRM) on April 21st, 2023, that deals with the band. In a prior petition, ARRL, The National Association for Amateur Radio, urged protecting the existing use of the band by amateurs when adding a new allocation adopted internationally.

Currently, radio amateurs in the US have access to five discrete channels on a secondary basis: 5332 kHz, 5348 kHz, 5358.5 kHz, 5373 kHz, and 5405 kHz. Users of these channels are limited to an effective radiated power (ERP) of 100 W PEP.

The FCC proposes to allocate 15 kHz of contiguous bandwidth between 5351.5 - 5366.5 kHz on a secondary basis with a maximum power of 15 W EIRP (equivalent to 9.15 W ERP). This allocation was adopted at the 2015 World Radiocommunication Conference (WRC-15).

The federal government is the primary user of the 5 MHz spectrum. The government's manager of spectrum use, the National Telecommunications and Information Administration (NTIA), has expressed support for implementing the allocation as adopted at WRC-15. Doing so would result in amateurs losing access to four of the five discrete channels, and power limits would be reduced from 100 W ERP to 9.15 W ERP. However, it would provide access to a new contiguous 15 kHz band that includes one of the current five channels.

In 2017, ARRL petitioned the FCC to keep the four 60-meter channels that fall outside the new band, as well as the current operating rules, including the 100 W PEP ERP limit.

The ARRL petition stated, "Such implementation will allow radio amateurs engaged in emergency and disaster relief communications, and especially those between the United States and the Caribbean basin, to more reliably, more flexibly, and more capably conduct those communications."

ARRL said that years of amateur radio experience using the five discrete channels have shown that amateurs can coexist with primary users at 5 MHz while complying with the regulations established for their use. The petition also stated, "Neither ARRL, nor, apparently, NTIA, is aware of a single reported instance of interference to a federal user by a radio amateur operating at 5 MHz to date."

In the NPRM, the FCC recognizes that Canada has already adopted 60-meter allocations and related rules that align with those proposed by ARRL. The Commission wrote, "Finally, we note that Canada has essentially implemented the same rules as ARRL has requested." The NPRM can be found online at, <https://www.fcc.gov/>.

The FCC proposed to allocate the 15 kHz bandwidth but stopped short of making a proposal on whether the existing channels should remain allocated to amateur radio and what the power limitations should be. They requested comments on their proposal and the related channel and power issues.

Comments will be due 60 days after the NPRM is published in the Federal Register, which is expected within the next two weeks.

N2RJ Joins ARDC

Amateur Radio Digital Communications Press Release

San Diego, CA, April 4th, 2023 – On April 3rd, 2023, Ria Jairam N2RJ joined the board of directors of Amateur Radio Digital Communications (ARDC).

Jairam has been a licensed amateur radio operator since 1997, after first having been licensed in her native Trinidad and Tobago. She has served on the boards of the American Radio Relay League (ARRL) and the ARRL Foundation. She is actively involved in amateur radio outreach and education through speaking at clubs and conventions, social media, her weekly radio show on WRMI shortwave radio and her YouTube channel. She holds a Bachelors of Science in Electrical Engineering (BSEE) from NYU Tandon School of Engineering, and currently works in software and systems development for the financial industry and design consulting for renewable energy and energy storage projects.



Rosy Schechter KJ7RYV, ARDC Executive Director, says of Jairam, "Ria is a powerful voice in amateur radio, and we are proud to have her join our team. She's definitely going to help us make great things happen."



WASHfest 2024

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

Sunday, February 25th, 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

First Prize: To Be Determined

Second Prize: To Be Determined

Third Prize: To Be Determined

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:

Ron Telek W3LE at (412) 831-4886 w3le@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, 2024.

Reservations received after February 1st, 2024 must include payment in full.

Reserve now... we have sold out in advance thirteen 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 RON TELEK W3LE
3065 Aljean drive
Bethel Park, PA 15102

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



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 or go to www.dailydx.com

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

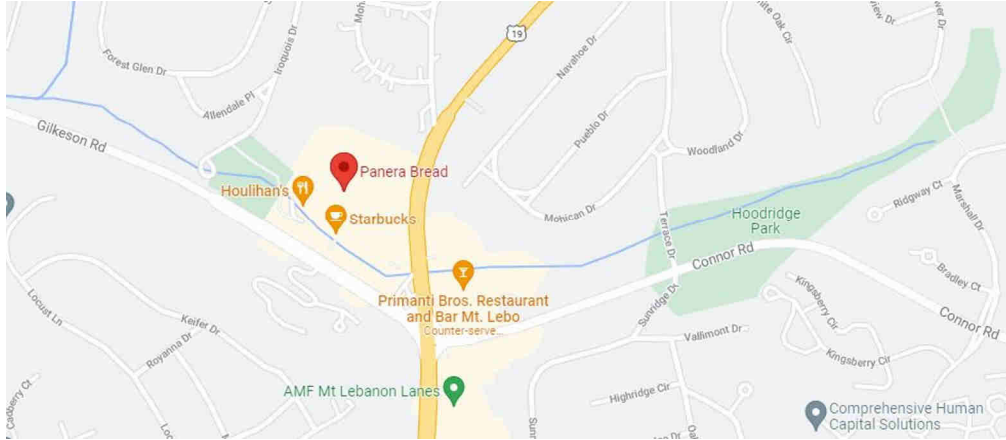


Arghh!
What Mightst We Draw For Ye, Matey?

K1NSSDESIGN
CUSTOM QSL ART
HAM GRAPHICS
WEB COMICS
www.dashtoons.com
k1nss@dashtoons.com



Directions to the May Meeting Site



The May meeting will be held at Panera Breads, Galleria Mall, 1500 Washington Road, Mt. Lebanon PA 15228, upper level, at the mall entrance to the upper parking lot.

The Galleria can be accessed from Washington Road south, or Gilkeson Road West.

Meeting starts at 7 PM. If you're grabbing a bite first, we have the room starting at 6:30 PM



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

