

WASHRAG™



VOLUME 25 ISSUE 07
JULY 2023

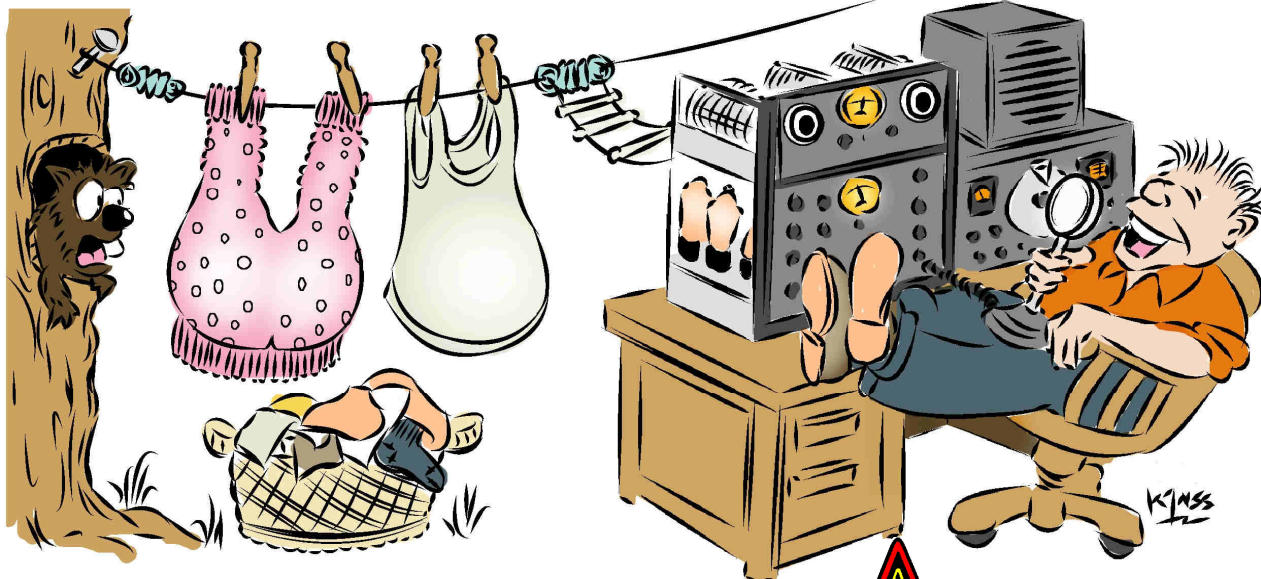
Wireless Association of South Hills

N3SH WA3SH NP2SH/B

www.n3sh.org



Wireless Association of South Hills



WASHRAG™



VOLUME 25 Issue 07

JULY 2023

Next Monthly Meeting: Thursday, July 6th, 2023

The next scheduled meeting of the **WIRELESS ASSOCIATION OF SOUTH HILLS, INC.** will be on **Thursday, July 6th, 2023**, starting at 7 PM, at **SUNSET HILLS PAVILION**, Texas Road at 100 Acres Drive, South Park, Rain or Shine. The Pavilion will be available to us starting at 6:30 PM for anyone who'd like together, or just nosh, before the meeting

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

See you there!

Cover: Our new Mosley TA-33jr antenna atop the Tower Trailer, N3K Field Day 2023

Photo courtesy of and © Copyright 2023 Frank Bobro N3FB

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
	Glen Roberts KE7FD
Activities & Operating Events	Rick Bell KB3IAC
Ways & Means	Carol Danko KB3GMM
WASH 2M Contest Chair	Chuck Bihun KC3ELA
Field Day 2024 Coordinators	Frank Bobro N3FB
	Bill Hill W3WH (emeritus)
	Larry Comden K3VX (emeritus)

CLUB-AFFILIATED REPEATERS, BEACONS, & DIGIPEATERS:

Mt. Lebanon	N3SH / R	146.955 MHz (-)	PL 131.8
North Side	N3SH / R	442.550 MHz (+)	PL 131.8
Canonsburg	N3FB / R	443.650 MHz (+)	PL 131.8
St. Johns, VI	NP2SH / B	28.276 MHz	Propagation Beacon
Canonsburg	N3SH	144.390 MHz	APRS Digipeater

N3SH / WA3SH WASHNet, the weekly on-air net of WASH, meets every **Monday** Night, 8:00 PM ET, on the 146.955 & 443.650 repeaters. All radio amateurs, WASH members or not, are welcome to join in!

THE LEGAL STUFF

"The WASHRag™" (formerly "The Mariner™") is the Official Newsletter of the **WIRELESS ASSOCIATION OF SOUTH HILLS, INC. (WASH)**, a 501.C.3 not for profit organization.

Published Monthly with occasional Special Editions as warranted.

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Editor & Publisher: Ron Notarius W3WN

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

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

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

Thank you for your patience!

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:

Curtis's Reflections



And here we are; summer is upon us in all of it's glory, or smoke from the Canadian wildfires depending on the day. The days are now slowly getting shorter, so it is time to sure up any antenna plans, work on that top band antenna for this winter, and on those especially hot days, get some shack work accomplished.

Thank you everyone that helped, worked, or did anything at all with Field Day. With it behind us... what are everyone's plans for the PA QSO party?

— 73, Curtis Turner KB3CMT

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

Reminder: The July WASH Meeting location will at the 2023 WASH Field Day site, Sunset Hills Pavilion in South Park. Map and directions are on Page 22. Meeting begins at 7 PM.

What better way to kick off Field Day than to share breakfast with friends? OK, OK... regardless, the **WASH Breakfast Gang** gathered on Saturday, June 24th, at **SOUTH PARK EAT'N PARK, 5220 LIBRARY ROAD, BETHEL PARK**, before heading in for Field Day setup. This month bunch WW3WH, K3VX, K3HCR, KB1CKF, KC3GMM and W3WN. Topics of the morning Remembering 9/11, working VP6A, wire antennas in trees, working remote DX stations, operating from VP2M, geo-thermal power, running FT-8 with matched antennas, Field Day operating, weight loss, traveling for wrestling, salad bars, and remembering New Jersey. And much more, of course.

Hope to see more at the next gathering, Saturday, July 29th, at the **McMURRAY EAT'N PARK, 3380 WASHINGTON ROAD**. (Unless we mve to the South Park **EAT'N PARK** because of Field Day!) See you there!

Wasn't **Field Day** a blast this year? Seemed like everyone had a great time, we made lots of contacts, the new beam worked very well... and there are quite a few pictures!! Won't spoil it here, turn the pages and see for yourselves. Can't wait for next year!

Speaking of next year... some club members have expressed interest in returning to Babcock for 2024, instead of staying put at Sunset Hills. Thoughts?

And... the return of the **Breezeshooter's Hamfest** was a lot of fun, too! Turnout was low, but considering it's been a few years due to the Pandemic, this was to be expected. Here's hoping that next year will see a return to attendance levels — and wasn't it great to be back at Roe Airport, after all these years away?

What do you think about **adding an Echolink node** to the club repeater system? Greg NB3C/5 asked if this would be possible, as he would love to communicate with club members a little easier from Texas. (He's in an HOA community, so his antenna options are... limited). There's been some debate about this on the club reflector. Concerns, of course, involve costs, how (if) we can run an Internet connection to the repeater site, or if the node can be run out of another location.

Something to consider for discussion at our next club meeting.

Anyone going to the **Somerset ARC Hamfest** next weekend?

Anyone operating in the **IARU HF Championship** next weekend?

Not lost on us that we're not THAT far away from the **2023 Pennsylvania QSO Party**. Some of our "remote teams" are already into planning for this fall. How about the rest of us? Do we want to set up N3SH this year in Allegheny or Washington County(s)? Something else for discussion. (Want to operate but never have before? Not to worry... let us know, and we'll find a place for you!



Join WASH or Renew your Membership Today! Membership Application on Page 21

Minutes, June 1st Meeting

Nathan Suehr KC3GMM, Vice President / Secretary, WASH

Call to Order: 19:20.

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

Roll Call. 18 Members, 0 Guests Present

Committee Reports:

Treasurer: Mark (N3RDV): Financial report read by Mark (N3RDV). Motion to accept by Carol (KB3GMN) with second by Larry (K3VX). Voted and carried.

Secretary: Nathan (KC3GMM) - May minutes published in June WASH Rag. No corrections to the minutes. Motion to accept by Jeff (N3JSF) with second by Bill (WA3VSS). Voted and carried.

Repeaters: Frank (N3FB) - Repeating. Power supply for Pittsburgh link failed. Replaced with spare. Will repair and put original back in service. Will visit 2m site and evaluate conditions.

WASHNet: Curtis (KB3CMT) - Has heard great things and noted good attendance.

Thursday Night Tech Net (KE7FD):

- ♦ Will try to provide a giveaway for tech talks.
- ♦ ***Presentation of handheld radio to Gary (KB3YCX)***
- ♦ Next giveaway - Portable end fed antenna and UNUN.
- ♦ Curtis (KB3CMT) - Suggestion to talk about Dayton purchases on tech talk.

Newsletter: Ron (W3WN): Out! Some email systems may block large files. Hamfest flyer has correct year now.

VE: Grant (KC3MLC) - Looking to schedule one-off test for special accommodation outside of field day. Need a few volunteers.

Ways & Means: Carol (KB3GMN) - No report.

Contests: Larry (K3VX) - No report.

New Business:

Glen (KE7FD) Bought field day pins.

Charmel - Found covers for tables.

Ron (W3WN) with motion to purchase table covers with second by Bill (W3WH). Voted and carried.

Further discussion about what to do with tables

Field Day antennas:

- ♦ Frank (N3FB) - Purchased heavy duty rotor cable at Dayton for the price of medium duty along with 5% discount. 2m/440 vertical for tower trailer (Diamond X50) purchased from DXE. Looking to assemble and test antennas two weeks prior to field day. Will make connector for rotor cable with Anderson Power Poles. Any interest in group purchase of power pole connectors to get bulk price? Suggested doing cable crimping demonstration at field day and including power pole crimping as well. Will put email out on reflector. Bring anything that you would like to be crimped and he will help.
- ♦ Mark (N3RDV) - Suggestion for club to buy extras to have some for future projects.

Field Day:

- ♦ Bill (W3WH) - Pretty well organized. See Charmel after the meeting to sign up to operate.
- ♦ Glen (KE7FD) - Suggest putting in a time slot even if you want to fill in.
- ♦ Bill (W3WH) - Antenna placement is finalized and will take place on Friday morning at 9AM. Charmel will be at site overnight. Jim bringing generator and Frank bringing lights.
- ♦ Carol (KB3GMN) - Has food planned and needs to know who will be there for each meal. Fried chicken for dinner with macaroni and tossed salads and rolls. Burgers and hotdogs for lunch.
- ♦ Mark (N3RDV) - Can provide ice but may be out of town and can arrange for someone else to get ice from fire department.
- ♦ Bill (W3WH) - Drinks?
- ♦ Mark (N3RDV) - Will pick up drinks with club card. Needs to know what to get. Will get water only if no suggestions are received.
- ♦ Carol (KB3GMN) - Do we want donuts? Several folks - Yes. Will bring club coffee pot and creamer.
- ♦ Curtis (KB3CMT) - Has GOTA station setup and manning covered. Has published ad for GOTA station with geocaching group.
- ♦ Jeff (N3JSF) - Suggest a flyer that can be handed out to folks for GOTA station.

Continued on Page 18

WASH Spotlight: Deals

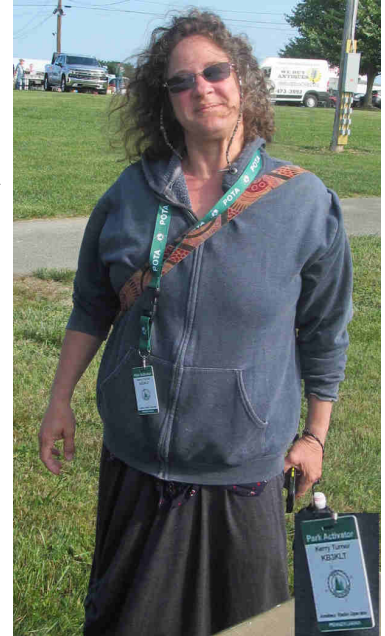
So as it turns out, Curtis KB3CMT struck a deal with his wife Kerry, who as accompanied him on many a POTA and Geo-Caching expedition over the recent past and probably then-some:

Get licensed, and he'll take her to Alaska.

Formally introduced to us at the Breezeshooter's Hamfest and WASH Picnic, Kerry KB3KLT.

We understand that the Alaska trip will be taking place next year.

Photo courtesy of and (c)Copyright 2023 Ron Notarius W3WN



Every month we're going to feature a **WASH** club member, something about them, something they're involved in or a club-related activity that we're involved in, in the **WASH Spotlight**.

Submissions for the Spotlight should be sent to Ron W3WN at [newsletter at n3sh dot org](mailto:newsletter@n3sh.org)

Monthly WASH Breakfast



Please join us for the next **WASH** Breakfast! We usually get together on the LAST Saturday of every month for a chance to informally sit down, shoot the breeze, compare notes, drink lots of coffee, and just have a good time!

Join us this month at **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 AC4KU AE3DL K3GW K3HCR K3VX K3WPL K6DWR KA3VXM KB1CKF KB3BYA KB3CMT KB3GMN KB3GMU KB3GUZ KB3IAC KB3IVX KB3JHR KB3NIX KB3YCX KC3ELA	KC3GMM KC3MLC KC3OCT KC3RGV KC3TEU KC3UUK KC3VQR KC4WTT KE7FD N3DFK N3IDH N3JSF N3KFD N3RDV N3SBF N3UE N8NEU NB3C NL7XM NY9H W3DTP	W3LE W3WH W3WN W8LEV WA2YEZ WA3PYU WA3VSS WB4GCS Melissa Greenwald Charlotte Peterson Charmel Spirk	WASH FL KA3UPY/M WASH NE NØPEU WASH OH N8DPW WASH OR KB3NVL KB3NVM WASH SC N8NEU	WASH TN K3OL KE3XB N3YPB WASH TX NB3C K3LGM KB3IJX Jane Wagner WASH VI NP2JF	Silent Keys AB3KA AB3ED AC4KU AD3Q K3EED K3LIE KA3NMG KB3ENX KB3FNM KB3FQT KB3JHQ N3BPB N3CZZ N3FZ N3HKQ N3KEH N3OBD N3RNX N3SKR N3SRC N3ZEL N3XFE W3ZLK W4ZE WA3JPP
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If your call should be listed here
& isn't, please contact Mark
N3RDV

Through June 26th, 2023
List compiled by
Mark Stabryla N3RDV, Vice President/Treasurer

2023 WASH Upcoming Events Calendar

Club Meetings & Other Significant Events — Subject to Change

July 6 th	<i>WASH</i> Meeting	Sunset Hills Grove, South Park
July 8 th — 9 th	IARU HF Championship	http://www.iaru.org
July 9 th	Somerset County ARC Hamfest	Somerset County Technology Center, 281 Technology Dr, Somerset, PA 15501
July 29 th	Cumberland Valley ARC Hamfest	1501 Criders Church Road, Chambersburg PA 17201
July 30 th	WACOM Hamfest	Washington Crowne Center, 1500 West Chestnut Street, Washington PA 15301
August 3 rd	<i>WASH</i> 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
September 7 th	<i>WASH</i> Meeting	Sunset Hills Grove, South Park
September 10 th	Butler County ARA Swapfest	Unionville Fire department, 102 Mahood Road, Butler PA 16001
October 5 th	<i>WASH</i> Meeting	TBD
October 7 th — 8 th	58 th California QSO Party	http://www.cqp.org
October 14 th — 15 th	67 th Pennsylvania QSO Party	https://paqso.org
October 28 th — 29 th	CQ Worldwide DX Contest Phone	https://www.cqww.com
November 2 nd	<i>WASH</i> Meeting	TBD
November 4 th — 6 th	ARRL Sweepstakes CW	http://www.arrl.org/sweepstakes
November 18 th — 20 th	ARRL Sweepstakes Phone	http://www.arrl.org/sweepstakes
November 25 th — 26 th	CQ Worldwide DX Contest CW	https://www.cqww.com

"Seen" at the June Meeting

Photos courtesy of and © Copyright
2023 Ron Notarius W3WN



Glen KE7FD presenting the May "Thursday Night Tech Talk" HT to Gary KB3YCX at the June club meeting

“Seen” at Breezeshooters’s 2023

Photos courtesy of
and © Copyright 2023
Ron Notarius W3WN



Photos courtesy of and ©
Copyright 2023 Bill Hill W3WH

N3K Field Day 2023: Assembling & Testing the TA-33JR



Assembly & Testing on June 10th 2023 at Frank N3FB & Lori KB3GMU's QTH



N3K Field Day 2023: Setup

Photos courtesy of and © Copyright
2023 Ron Notarius W3WN



N3K Field Day 2023

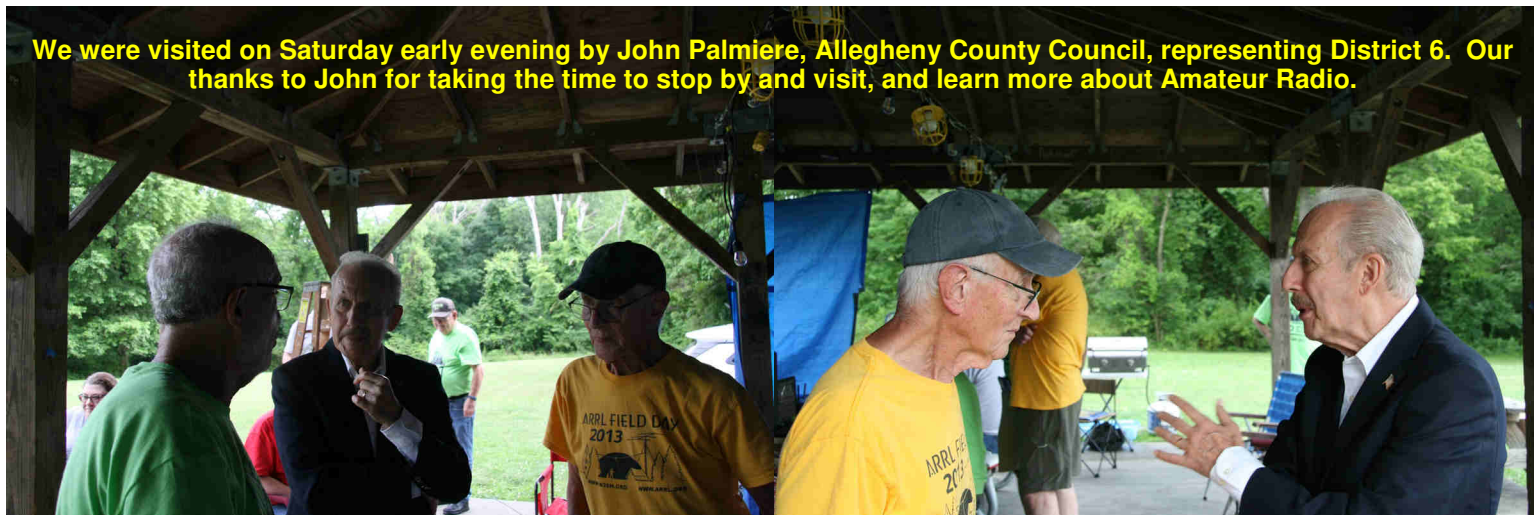
Photos courtesy of and © Copyright
2023 Jim Sanford WB4GCS



N3K Field Day 2023

Photos courtesy of and © Copyright
2023 Jim Sanford WB4GCS

We were visited on Saturday early evening by John Palmiere, Allegheny County Council, representing District 6. Our thanks to John for taking the time to stop by and visit, and learn more about Amateur Radio.



N3K Field Day 2023

Photos courtesy of and © Copyright
2023 Glen Roberts KE7FD



Lebanon, OR, June 27th, 2023 –
Peak Radio Association (W7PRA)
operated 5A from a park in the
central Willamette valley, in Corvallis
Oregon.

Here I am in my RV/trailer enjoying
the sunshine.

I used several antennas, a vertical,
an end-fed half wave, and a 200'
dipole.

— 73, Paul Lusardi NØVLR,
President, Peak Radio Association



Glen KE7FD presenting the June "Thursday
Night Tech Talk" End Fed Antenna to Gary
KB3GUZ at Field Day. Photo courtesy of
Michael Koenemund KB1CKF



N3T / GOTA Field Day 2023

Photos courtesy of and © Copyright
2023 Ron Notarius W3WN



Field Day 2023 is In the Record Books!

Brookline, PA, June 26th, 2023 – It seems like we spend a long time planning for this weekend of Radio and then it's all of a sudden upon us and many little details pop up. Some confusion and consternation happens but then it's 2:00 PM on Saturday and we're off and running. Certainly our effort this year (like every year) wasn't perfect but it turned out to be successful (like every n usual other year).

We finished up with 1172 Q's which is certainly respectable and we're qualified for more bonus points this year than usual. This year marked the first time we got to use our new Yagi on 20/15/10 and that allowed us many more higher band Q's than we're used to. Of course the sunspots helped there too.

This year also saw our first digital effort that contributed lots of contacts. We had 370 of them which is many more than usual. Great job Eric and Glen and all the ops on FT8.

Our attempt to schedule folks for operating slots had only limited success but since we entered as 3A our operating positions were seldom empty. The 80/40 dipoles we've been using for several years worked fine for SSB and CW but they proved not to be broad enough to give the digital effort the opportunity to operate on 80 meters. Jim Sanford has suggested a solution that K3VX et al will test at our PA QSO entry this October.

Of course Carol Danko organized the food very well. And no one should say they left hungry. Also thanks to Mark and Nathan for getting the ice and drinks. Finally thanks to Jeff for quarterbacking the logging effort.

We didn't use our push up masts this year and in retrospect we probably should have since the dipoles may have been a bit broader if they were higher. The WASH T Shirts were a big hit. Many thanks to Charnel and Curtis.

Frank Bobro N3FB is taking over the Field Day reins.

Thanks to everyone who contributed to another successful event and we're all looking forward to another WASH Field Day in 2024.

Larry Comden K3VX
Bill Hill W3WH
N3K / N3T Field Day
Co-Chairs





WPA Section News

Joe Shupienis W3BC, ARRL Western Pennsylvania Section Manager

Falls Creek, PA, June 29th, 2023 – Field Day has come and gone, and the memories are still with us. Be sure to get your logs submitted before the July 25th deadline! Also attach copies of any media coverage, lists of visiting elected local officials and appointed local emergency services officials, and any other supporting documents for bonus points.

If you did something especially newsworthy for FD, please send me a copy of the news article or a link to it so I can share it with others in our Section!

Finally, THANK YOU to all the hams and groups I was able to visit. I couldn't get to all the sites I wanted to visit due to the time constraints (14 hours driving) and the distances to travel (559 miles this year), but I really enjoyed my time with all of you I was able to talk with in so many great conversations!

WPA HAMFEST CALENDAR

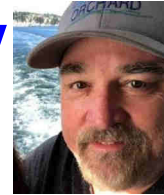
- JULY 8th - NORTHWEST PA HAMFEST (WATTSBURG), Greene Township Municipal Building, 9333 Tate Road Room 114, Erie, PA 16501
- JULY 9th - SOMERSET COUNTY HAMFEST, Somerset County Technology Center, 281 Technology Drive, Somerset, PA 15501
- JULY 29th - CVARC HAMFEST (CHAMBERSBURG) & PA STATE ARRL CONVENTION, CVAEMA Show grounds, 1501 Criders Church Road, Chambersburg, PA 17201
- JULY 30th - WACOM HAMFEST (WASHINGTON), Washington Crown Center Parking lot, 1500 W. Chestnut Street, Washington, PA 15301
- AUGUST 12th - UNIONTOWN AMATEUR RADIO CLUB 73RD ANNUAL GABFEST, Uniontown Amateur Radio Club, 433 Old Pittsburgh Road, Uniontown, PA 15401
- AUGUST 27th - SKYVIEW RADIO SOCIETY SWAP N SHOP, Skyview Radio Society clubhouse, 2335 Turkey Ridge Rd., New Kensington, PA 15068
- SEPTEMBER 10th – BCARA RADIO, COMPUTER, ELECTRONICS SWAPFEST, Unionville Volunteer Fire Department, 102 Mahood Road, Butler, PA 16001

SAFETY CORNER: The smoke from a distant fire (in Canada) continues to waft our way. Some of us, especially those of us with a history of respiratory and lung issues can experience breathing difficulties when the air quality number (AQI) is climbing above 150 for particulate matter. If you have any left-over face masks that are rated to filter out 2.5 micron PM, they can be used very effectively to block the smell and respiratory issues associated with high levels of smoke.

Safeguard your health and Press ON!



A Few Tense Moments, and Basic Troubleshooting



Dave Ellison W7UUU

Courtesy of the
QRZ.COM forums

Burley, WA, June 13th, 2023 – I was happily tuning the bands, working stations on SSB and FT8 over the course of the morning - the new SteppIR DB18E working its magic - along with the FTDX-101MP and the Elecraft KPA1500... when all of the sudden, BAM the amp went into full "RED LIGHTS SWR SHUTDOWN" mode.

Oh no! My first thought was I'd somehow blown up the guts of the SteppIR or the amp was failing.

I tentatively tried other bands but with the amp in standby - SAME RESULT - I'd get to maybe 3 watts and the KPA1500 SWR lights would go red and shut things down. Kind of a scary moment - not a pleasant thought to have it be EITHER the antenna OR the amplifier - neither would be fun.

But I stepped back - took a breath - and started breaking things down, device by device.

FIRST thing was to connect my AA-600 directly to the SteppIR right at the patch bay, bypassing everything else, and sweep the band I was on when things went poof. WHEW! 15m swept just fine. For good measure I then swept all bands - another WHEW! OK - the antenna is fine.

So then one cable at a time I started ruling things out - gotta be a cable that's gone open? I'm thinking.

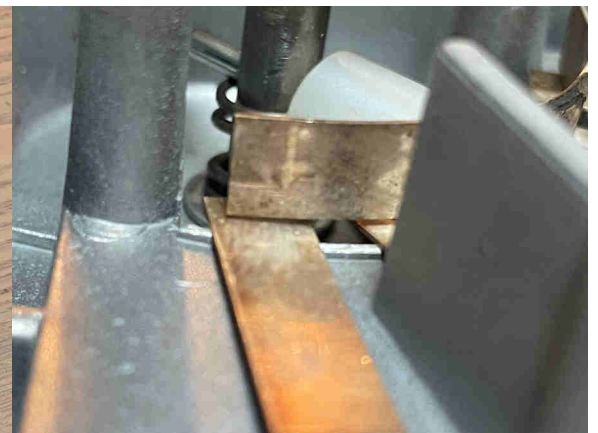
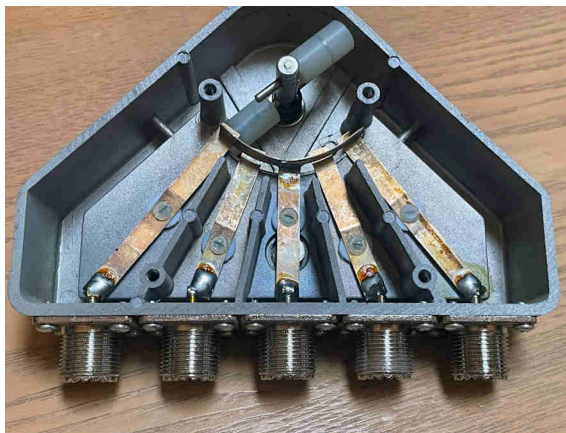
Finally though, the LAST thing I ever expected was clearly revealed: Position #1 of the Alpha Delta antenna switch had failed! I never would have expected that at all - especially given the "common knowledge" of how robust AD switches are.

I had another brand new identical switch on hand, and installed it back into the patch bay - and back in business. Everything is back online 100%

So just a good example of "step back, and methodically work the problem to rule out all the working stuff - the bad stuff will reveal itself as long as you never skip a step".

Photos (right) of the AD switch overview, and a sorta-blurry but visible shot of position #1 no longer making contact internally.

I will give Alpha Delta a pass - that switch has a date stamp of May, 1997



Legislation To Remove Private Land Use Restrictions on Amateur Radio Introduced in Congress

American
Radio
Relay
League

Newington, CT, June 13th, 2023 – Congressmen Bill Johnson (OH-06) and Joe Courtney (CT-02) reintroduced a bill in the US House of Representatives on June 12 — [H.R.4006 \(see full text of bill in this PDF\)](#) — to remove private land use restrictions that prohibit, restrict, or impair the ability of Amateur Radio operators from operating and installing reasonable antennas on property that they own or control. Similar legislation, H.R. 9670, was [introduced](#) by Congressman Johnson in 2022.

"I reintroduced the Amateur Radio Emergency Preparedness Act to remove barriers to disaster and emergency communications and training, and to promote education in STEM subjects related to critically needed wireless technology," Congressman Johnson said in a release. "Passage of this bill will promote developing and sustaining our nation's wireless future and facilitate and encourage amateur radio operations as a public benefit."

"As their actions during recent natural disasters such as Hurricane Sandy proved, amateur radio operators in Connecticut can be a critical component of disaster response and emergency management. It is in our communities' best interest that we give them the capabilities to operate at the highest level, and with the re-introduction of this bill, we've taken a strong step in that direction," said Congressman Courtney.

The exponential growth of communities bound by private land use restrictions that prohibit both the operation of Amateur Radio and the installation of amateur station antennas has significantly restricted the growth of the Amateur Radio Service.

ARRL The National Association for Amateur Radio® continues its multi-year efforts to eliminate private land use restrictions that prevent Amateur Radio operations and has pledged to strongly support Congressman Johnson and Congressman Courtney in their efforts on behalf of Amateur Radio.

Rick Roderick K5UR, President of ARRL, on behalf its Members and America's Amateur Radio community extended his thanks and appreciation for the leadership of Congressman Johnson and Congressman Courtney in their tireless efforts to support and protect the rights of all Amateur Radio Operators and to further STEM education and the advancement of American expertise in wireless technology.



FCC ULS System Restored

American
Radio
Relay
League

Newington, CT, June 27th, 2023 – The FCC Universal Licensing System (ULS) has resumed operations, including the Electronic Batch Filing system (EBF).

As of June 27th, 2023, all systems have been reported to be working. However, visitors to the website will see a message referring them to Public Notice DA 23-529 for additional information and guidance on filing deadline extensions.

The systems were first reported unavailable on June 9th, 2023.

On Friday afternoon, June 23rd, the EBF system was restored. All VEC organizations use that system for filing exam sessions, individual applications, and club license applications. ARRL VEC staff worked late into Friday night to ensure all backlogged sessions and application files were transmitted to the FCC before the weekend. Approximately 350 backlogged files were successfully submitted to and processed by the FCC before the system's normal shutdown at 8 PM.

Newington, CT, June 22nd, 2023 – On Wednesday morning, June 21st, 2023, the FCC had reopened the Universal Licensing System (ULS) and supporting systems, according to an email distributed to VEC organizations. However, as of 4:00 PM on Wednesday, the Electronic Batch Filing (EBF) system, used by VEC organizations for filing exam sessions, individual applications, and club license applications, was still not available as promised. Unfortunately, this means applications for new and upgraded licenses, and individual and club license filings still cannot be uploaded in the system for issuance.

When the EBF system becomes available, the Commission is requesting VECs to limit submissions into the filing system. In an email sent by the FCC, all EBF filers were asked to adhere to a restricted upload schedule in order to keep the EBF system stable and to avoid any potential technical problems. The FCC will be monitoring to ensure the EBF system is stable during this reopening period. If they assess that the upload volume is too high, they will send out another notice with directions to reduce the amount of uploads per hour.

ARRL VEC will comply with the FCC directive, limiting our transmissions but sending as many backlogged sessions as possible without overloading their system. The files will be submitted to the FCC in the order in which they were received, starting with the files from Monday, June 12th, and moving forward from there. ARRL VEC will begin submitting the backlogged applications as soon as the EBF system becomes available, and assuming all FCC systems remain stable.

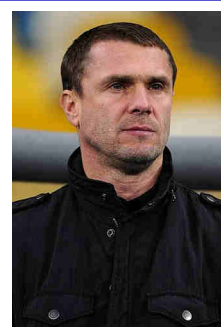
In an FCC notice published on June 21st, 2023 (<https://www.fcc.gov/document/uls-tcns-e-106-and-asr-available>), the Commission provided a deadline extension for filings in the ULS and the Antenna Structure Registration (ASR) system, explaining, "Because parties could not make electronic filings or view the contents of the affected systems while they were unavailable, we are extending the deadlines for all regulatory filings that were due in the affected systems between June 9th, 2023, and June 29th, 2023, until Friday, June 30th, 2023. We note that we have provided for a longer extension for these filings than initially contemplated in the June 13th Public Notice in anticipation of high traffic volumes on these systems in the coming days. In that regard, we encourage filers to consider deferring discretionary filings this week, and we encourage filers preparing large submissions to coordinate in advance with [the] staff of the Bureaus."

HARA has announced that the attendance for Hamvention 2023 totaled 33,861, which was over 2000 greater than last year, and the highest attendance at the Greene County Fairgrounds and Expo Center.

General Manager Jim Storms stated "Things went very smoothly due to the dedication and hard work of close to 700 volunteers.

More information at <https://hamvention.org/hamvention-2023-attendance/>

Congratulations to Serhiy Rebrov, a former Striker for Tottenham and West Ham (European Football) has been named as Head Coach of the Ukrainian National Team. He is an active Amateur Radio operator and Contester, as UT5UDX, MØSDX, TA2ZF, UTØU, 5B4AMM, and P3X



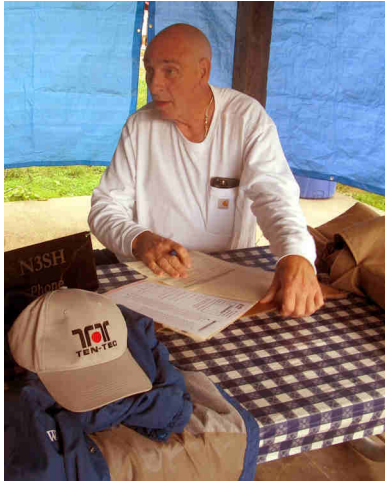
N3K Field Day 2023: VE Testing

Photos courtesy of
and © Copyright 2023
Ron Notarius W3WN



We had four candidates at our June VEC Session, held during Field Day 2023 Setup.

Two candidates were successful in upgrading. Congratulations to Brad Steadman KEØXS, who upgraded to Amateur Extra, and Cliff Spears KC3WCC, who upgraded to General Class!



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>

Cumberland Valley ARC 2023 Hamfest

& PA State ARRL Convention

Sunday, July 29th, 2022, 8:00 AM— ??

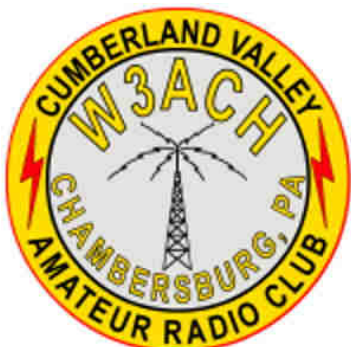
Grounds Open at 6 AM for Vendors & Tailgaters

CVAEMA Show Grounds

1501 Criders Church Road, Chambersburg, PA 17201

Talk-in on 147.120 PL 100.0 Admission \$5

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





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



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>



Butler County ARA Swapfest 2023

Sunday, September 10th, 2023, 8:00 AM—3:00 PM

Grounds Open at 6 AM for Vendors & Tailgaters

Unionville Volunteer Fire Department

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

Talk-in on 147.360 PL 131.8 Admission \$5

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

Cambodia Licensing Update

Tadao Yamamoto KH7J / XU7AKU via OPDX

Honolulu, HI, June 24th, 2023 (via OPDX) – I send you the latest situation about amateur radio operation in Cambodia.

Since the beginning of 2021, Cambodia government changed the procedure for the licensing of amateur radio. During Jan 2021 ? May 2023, there were no legal amateur radio stations which were permitted from Cambodia government due to no way to renew or issue license.

After lots of enthusiastic negotiation with Cambodia government by local ex-license holders, amateur radio licensing has been resumed from June 2023. I got the same callsign "XU7AKU" in June 2023 as previous operation of 2020 as the first licensee for new licensing system in Cambodia.

As the other local ex-license holders are in progress to apply for their new license, they will be on the air in near future for XU7AEY, XU7AKG, XU7AKJ, XU7AKM, XU7AKP and so on.

For more information about my operation and new licensing system in Cambodia at: <http://xd487474.wp.xdomain.jp/>. QSL XU7AKU via JA1DXA

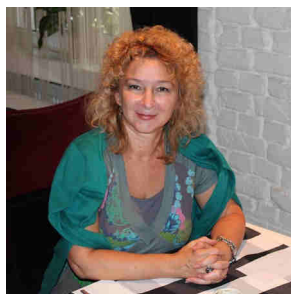
Kosovo Gets 60 Meters

Vjollca Belegu Z61VB, President, SHRAK via OPDX

Pristina, Kosovo, June 12th, 2023 – Dear all:

This is to inform you that the Kosovo parliament has recently approved the 5 MHz frequency band for amateur radio services in Kosovo, as confirmed by ARKEP (The Kosovo Regulatory Authority for Telecommunication services).

Best wishes and greetings from Kosovo



The 15th Annual **13 Colonies Special Event** is currently QRV through 0400 July 8th (Midnight EDT July 7th). There are 13 stations (K2A — K2M) representing the Original 13 Colonies, plus Bonus Stations WM3PEN in Philadelphia, GB13COL in England, and TM13COL in France. More information at <http://www.13colonies.us/>

Meeting Minutes

Continued from
Page 4

- ♦ Curtis (KB3CMT) - 32 shirts. What color?
- ♦ Glen (KE7FD) - Blue repels mosquitos.
- ♦ Bill (W3WH) - Motion for lime green with second by Glen (KE7FD).
- ♦ Charmel - Time for field day photo? Suggest right before dinner (6PM).
- ♦ Jeff (N3JSF) - Has four laptops for logging ready to go with UPS to plug them into.
- ♦ Mark (N3RDV) - Should we buy fuel from Sam's club? Has extra fuel cans.
- ♦ Jim (WB4GCS) - Will bring enough fuel.
- ♦ Larry (K3VX) - Digital require special software?
- ♦ ***Discussion about software and time sync***
- ♦ Mark (N3RDV) - Will talk to Jeff about installing software ahead of time.
- ♦ Jim (WB4GCS) - Install logging software on machines already configured for digital.

Old Business: None

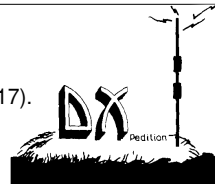
Good of the order:

- ♦ Breezeshooters picnic: Curtis (KB3CMT) and Nathan (KC3GMM) to talk.
- ♦ Nathan (KC3GMM) - Has Breezeshooters tickets available
- ♦ Jeff (N3JSF) - Has tickets for Castle Shannon FD prizes

Motion to adjourn Bill (W3WH) with second by Jim (WB4GCS). Voted and carried.

Adjourned at 20:17 PM 06/01/2023

DX News Briefs



JS6UKY/6 is QRV through 7 July from Okinawa (AS-017). QSL via JA1GZV

C6ADX is QRV through 8 July. QSL via W3GEX only, no Bureau cards.

TR8CR is QRV through 12 August. QSL via F6AJA.

JR6RRR will be QRV through 20 July through 6 August from Miyako Island (AS-079). During the RSGB IOTA Contest they will be **J13DST/6**. QSL via ClubLog, OQRS, or LotW

5Q5CW will be QRV 29 – 30 July during the RSGB IOTA contest. QSL via DL5CW

DX7EVM/5 will be QRV 29 – 30 July during the RSGB IOTA contest. QSL via DX7EVM.

LA4C will be QRV 29 – 30 July during the RSGB IOTA contest. QSL via LotW or Bureau.

OV7X will be QRV 29 – 30 July during the RSGB IOTA contest. QSL via DL2JRM

PA/OP2C will be QRV 29 – 30 July during the RSGB IOTA contest. QSL as directed.

TM5OL will be QRV 29 – 30 July during the RSGB IOTA contest. QSL via F6AJA

V47JA will be QRV 28 August – 12 September. QSL via W5JON

KH6J will be QRV 28 – 29 October during the CQ WW DX Contest. QSL as directed.

P40W will be QRV 28-29 October during the CQ WW DX Contest, with some 160 and WARC activity before the contest. QSL via N2MM

4W8X will be QRV on or about 12 November, through the CQ WW DX CW Contest on 26 November. QSL via DJ4MX or as instructed.

PT5J will be QRV 25 – 26 November during the CQ WW DX CW Contest. QSL via N6TJ

CB0ZA will be QRV from Robinson Crusoe Island (SA-005) in the Juan Fernandez Archipelago 13 – 20 February. More information at <https://cb0xa.sierranevadaspa.cl>.

A group of German DXers will be QRV from **8R Guyana** 14 – 24 February 2024, call sign to be determined. QSL via M0XOXO

A group of Low Band DXers from Belgium will be QRV from **J3 Grenada** 4 – 16 March 2024, operating 160 - 10. Call sign & web site for more information to be determined.

QSL Routes

4L6QL via RW6HS	EX0M via DF8WS	SP100JCH via SP3PDO
4W6RU via R7AL	GB0RTM via GLUGH	SP230AF via SP3PDO
9N1CA via EA5ZD	HF90LOT via SP1PMY	SZ3P via SV3GKU
AM23AL via EA1CW	HF9D via SP9UXB	TM016JNTO via F5MCC
AM250JJ via EA5IUN	HS0ZBS via OE2REL	TM100GPF via F1IEH
C30P via C37URA	HZ1BL via IZ8CLM	TM13COL via F50GL
CQ8AOV via CT7AOV	I1DICI/IF9 via IK1GPG	TM17LOTI via F8KIS
CT9ABV via DL5AXX	II9RRC via RZ3EC	TM1RR via F5KRH
DA0TOR via DL9WJM	J88IH via VP2EIH	TM1SIX via F6ITD
DB23SOWG via DL2VFR	LX8SAR via DK4XC	TM19CNR via F6CQU
DF0PDN via DG6SDY	LY1933DG via LY2NZ	TM2TW via F5PTI
DL100TC via DL4CQ	LZ04RN via LZ1ZF	TM28RT via F5IRO
DQ50AMSAT via DK3ZL	N5E via KE5BZE	TM350DA via F4GFE
DR30RRR via RZ3EC	OE/VK2JI/P via DD5LP	TM4A via F1SUN
DR5T via DK7DR	OE100XBB via OE5WRO	TM4IPA via ON6ZV
E7MILMIL via E74BYZ	OK8DDC via DL3DCC	TM6J via F6KCC
ED1R via EC1KR	OP0P via ON6DP	TM62HJO via F8KHW
ED2X via EA2LMI	OP6Y/P via ON6YP	TM69YL via F1OMQ
ED4J via EA4HKF	OU4N via OZ4KG	TM63TDF via F4KLW
ED5I via EA5IWZ	OX3XR via PA3249	TM7AM via F4CPS
ED5K via EA5RKB	OY/4X6TT via N4GNR	TM80MAX via F6CFO
ED5R via EA5SR	OZ/EI9FBB via M0OXO	TM80RAP via F5KDC
ED80 via EC5AHA	PA100PCG via P00ANL	TZ4AM via KX4R
EF5T via EA5JDN	PA44WFF/P via PA9CW	V31XX via K4XS
EF8K via EA8DET	P14MRC via PA3CNI	V51LZ via EA5GL
EF8U via EA8URL	PX8B via PY8WW	VP2ETE via W3HNK
EG2DSF via EA2CNA	SA6G/7 via SM6CUK	VP2MKP via K5PI
EG5HSJ via EA5RKB	SM3U via SM0MPV	ZA/OE8NDR via DE1QSL
EG7FAM via EA7RCM	SN1T via SP1NQN	Z21NRT via EA5GL
EH4MCG via EA4DCU	SN7R via SP7RFF	ZV5WPC via PU5AOA
EK6TA via DJ0MCZ	SOL00TRA via SP9CJM	

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.**

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



Antenna Zoning or PRB-1 Issues?

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

Lazaroff & Suhr, Attorneys at Law

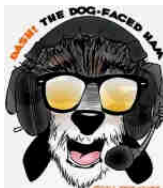
277 West Main Street, Saxonburg, PA 16056

Phone: 724-352-4905

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

Find the online cartoons and stories of Dash the Dogfaced Ham & more at <https://www.jeffk1nss.com> !

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



US Amateurs by Class as of July 1st, 2023

	Novice	7,084
	Technician	429,861
	General	201,336
	Advanced	36,536
	Extra	163,675
	Club	12,419
	Total	850,911
All-Time High	07/01/2023	850,911
Last 90 Days:	New Amateurs	7,001
	Callsign Changes	1,902
	Class Changes	4,577
	No Longer Licensed	5,212
	All Updates (*)	27,435

(*) Includes renewals, address changes, etc.

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

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

Group A	AC3KF
Group B	KF3EU
Group C	(none available / all issued)
Group D	KC3WIZ

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!



FCC News

American Radio Relay League

Newington, CT, June 5th, 2023 – An investigation by the Federal Communications Commission (FCC) results in a large fine against a California amateur radio license holder.

A Notice of Apparent Liability Forfeiture (NALF) for \$24,000 has been filed against Phillip J. Beaudet N6PJB, of Burney, California.

According to the filing, the penalty is for Beaudet "willfully and repeatedly interfering with the radio communications of the Western Amateur Radio Friendship Association (WARFA) while it was attempting to hold a regularly scheduled net and for failing to provide station identification on amateur radio frequencies."

FCC agents used direction finding techniques during November and December of 2022 to track the interfering signals to Beaudet's home station (*). Agents "heard him playing recordings on 3.908 MHz that caused interference to the ongoing WARFA net while failing to provide his assigned amateur call sign," the document stated.

(*) From the NALF:

- The Commission has received numerous complaints alleging that Beaudet caused intentional interference to other amateur radio operators using frequency 3.908 MHz and failed to transmit his assigned call sign, in apparent violation of section 333 of the Act, and sections 97.101(d) and 97.119(a) of the Commission's rules. On November 22, 2022, in response to continued complaints alleging intentional interference to amateur radio communications, an agent from the San Francisco Field Office (San Francisco Office) of the Federal Communications Commission's Enforcement Bureau (Bureau) drove to Burney, California, to investigate the complaints. The agent monitored frequency 3.908 MHz and used direction finding techniques to identify the source of the transmissions as Beaudet's amateur radio station, N6PJB, which he was operating at his residence in Burney, California. The agent monitored the transmissions emanating from Beaudet's residence on his station for approximately two hours that evening and heard him playing recordings on 3.908 MHz that caused interference to the ongoing WARFA net while failing to provide his assigned amateur call sign.
- On November 29th, 2022, an agent from the San Francisco Office drove to Burney, California, to continue to investigate the complaints. The agent monitored frequency 3.908 MHz and used direction finding techniques again to identify the source of the transmissions as Beaudet's amateur radio station, N6PJB, which he was operating at his residence in Burney, California. The agent monitored the transmissions emanating from Beaudet's station for approximately an hour and a half that evening and heard him playing recordings on 3.908 MHz, causing interference to the ongoing WARFA net and again failing to identify with his assigned call sign. On December 1st, 2022, an agent from the San Francisco Office again returned to Burney, California, to continue to investigate the complaints. Once again, the agent monitored frequency 3.908 MHz and using direction findings techniques identified the source of the transmissions as Beaudet's amateur radio station, which he was operating at his residence in Burney, California. The agent monitored the transmissions from Beaudet's station for approximately one hour that evening and heard Beaudet playing recordings on 3.908 MHz causing interference to the ongoing WARFA net without providing his assigned call sign.

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

Has Roadway found the tower yet?



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, 2024

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



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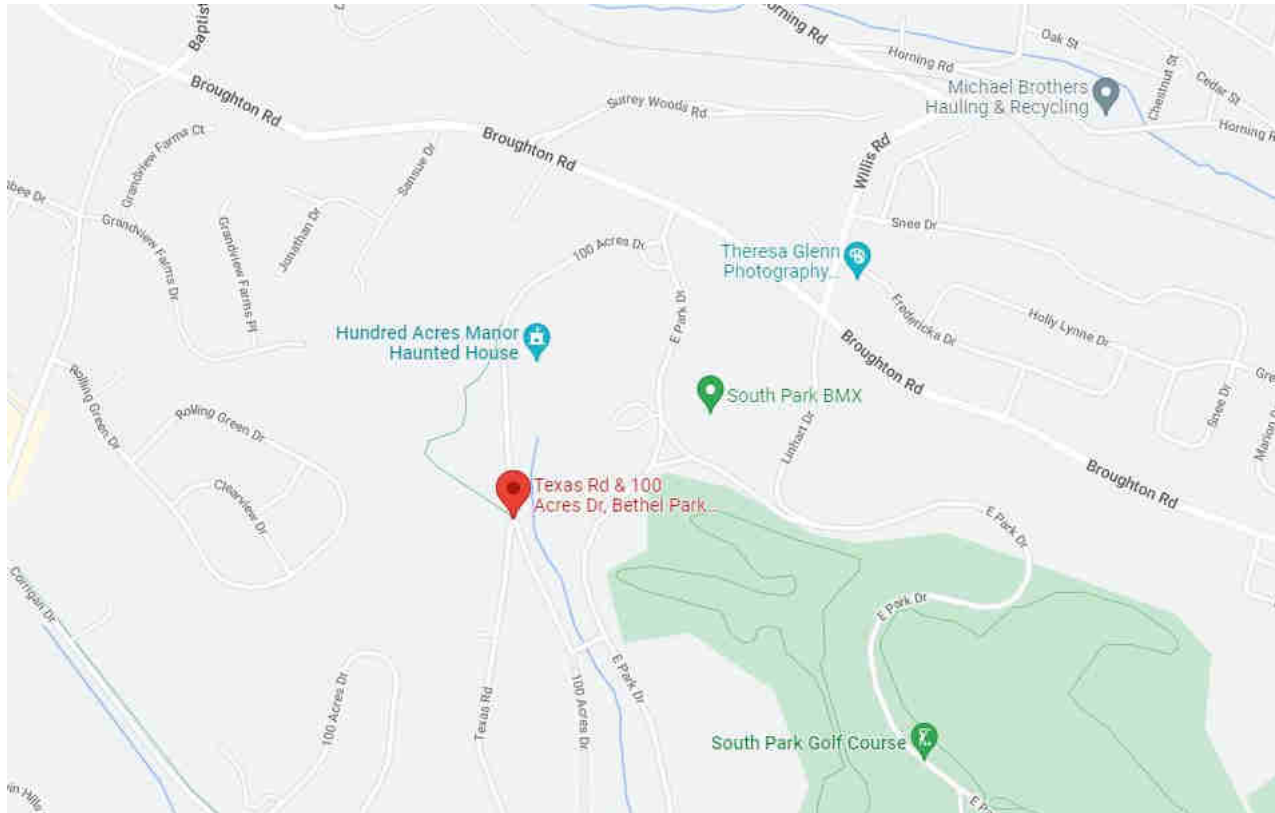


Arghh!
What Mightst We Draw For Ye, Matey?

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Directions to the July Meeting Site



The July meeting will be held at our 2023 Field Day site: Sunset Hills Grove, Texas Road at 100 Acres Drive, South Park.

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

Meeting starts at 07:00 PM EDT.

See you there!

The WASHRag

Wireless Association of South Hills, Inc.
Ron Notarius W3WN, Editor
3395 Rosewood Drive
Castle Shannon, PA 15234-2546



N3SH / WA3SH
NP2SH/B

www.n3sh.org
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