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WASHRAG

VOLUME 23 Issue 09
SEPTEMBER 2021

Wireless Association of South Hills

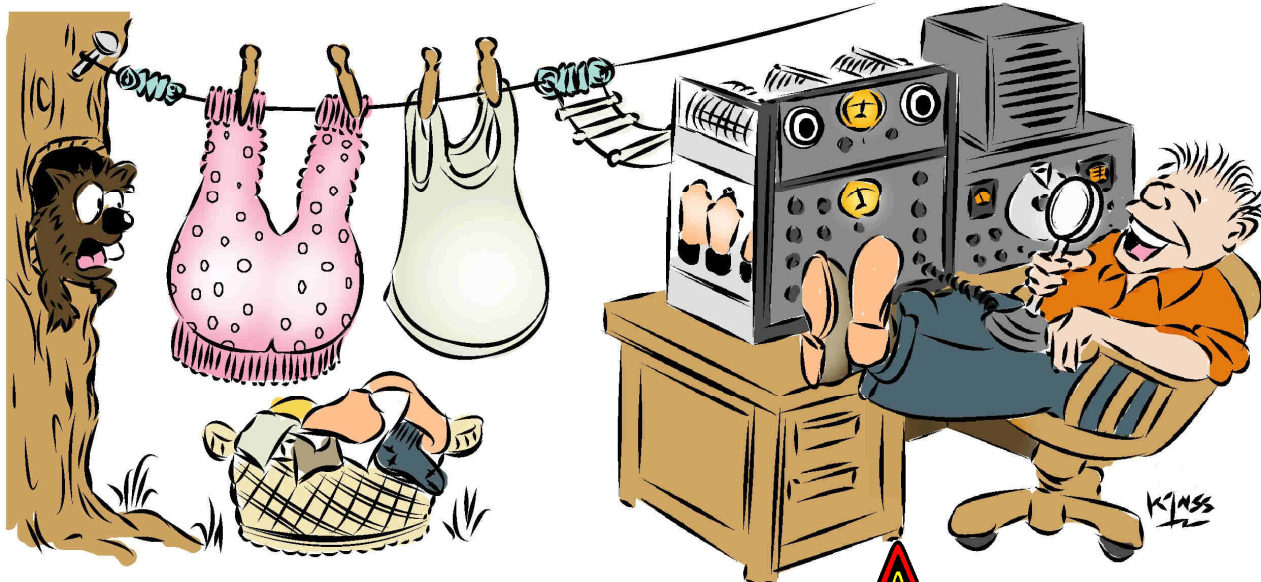
N3SH WA3SH NP2SH/B

www.n3sh.org





Wireless Association of South Hills



WASHRAG™



VOLUME 23 Issue 09

SEPTEMBER 2021

Next Monthly Meeting: Thursday, September 2nd, 2021

The next scheduled meeting of the **WIRELESS ASSOCIATION OF SOUTH HILLS, INC.** will be on **Thursday, September 2nd, 2021**, at Babcock Grove, South Park (the W3D Field Day site), starting at 7 PM. Directions and map are on the back page.

Topics include plans for the rest of the year, **WASHFest 2022**, and more!

See you there!

Cover Photo: A view from the 2021 Skyview Radio Society Swap 'n' Shop. Hamfests are back! (Finally!!)

Cover Photo courtesy of and © Copyright 2021 Ron Notarius W3WN

WASH 2021 OFFICERS

EXECUTIVE COMMITTEE:

| | |
|----------------|---------------------|
| President | Tony Romano KB3BYA |
| VP / Secretary | (office vacant) |
| VP / Treasurer | Mark Stabryla N3RDV |

AND WE COULDN'T DO IT WITHOUT:

| | |
|--------------------------------|------------------------------|
| N3SH Trustee | Larry Comden K3VX |
| WA3SH Trustee | Rich Danko N3SBF |
| NP2SH Trustee | Paul Jordan NP2JF |
| N3SH WA3SH NP2SH/B QSL Manager | Ron Notarius W3WN |
| NP2SH 2009 QSL Manager | Carl Schroeder K9CS |
| VE Team Liaison | Grant Olson KC3MLC |
| Webmaster | Curtis Turner KB3CMT |
| Quartermaster | Harold Rosenberger K3HCR |
| WASH FM Net Manager | Chuck Bihun KC3ELA |
| WASHFest 2022 Committee | Carol Danko KB3GMN, Chairman |
| | Bill Hill W3WH, Co-Chair |
| Activities & Operating Events | Rick Bell KB3IAC |
| Ways & Means | Carol Danko KB3GMN |
| WASH 2M Contest Chair | Chuck Bihun KC3ELA |
| Field Day 2022 Coordinator | Glen Roberts KE7FD |

CLUB-AFFILIATED REPEATERS, BEACONS, & DIGIPEATERS:

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

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

THE LEGAL STUFF

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

Published Monthly with occasional Special Editions as warranted.

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Editor & Publisher: Ron Notarius W3WN

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Ron Notarius W3WN
3395 Rosewood Drive, Castle Shannon, PA 15234-2546
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, July 17th, 2021, 11:00 AM, at Mt. Lebanon Main Park**, Pavilion 3,900 Cedar Blvd, Mt. Lebanon, PA 15234. (The pavilion is located at the end of the parking lot) Talk

The dates and locations for our remaining VE Exams for the year have not been set yet.

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

Thank you for your patience!

-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

Tony's Musings

It's hard to believe that the summer is almost over! Now IS the time to finish up those outdoor projects.

I'm waiting until the air is a little cooler to get some antennas up in my new attic. So I don't have to check into the nets from my Truck or the back porch.

Also coming up is the 20th anniversary of the 9-11 attack, I remember serving as part of the SATERN team in that field in Shanksville all those years ago. Let's remember those who we have lost on that day and all those who protect this Country as First Responders and military by volunteering our time serving our communities through Ham radio.

This Thursday September 2nd will be our next face to face club meeting held at South Park's Babcock Grove 7pm! Weather permitting Stay away Ida!

Hope to See ya there!!

Thanks and everyone STAY SAFE and HEALTHY!!

— 73, Tony Romano KB3BYA
President, WIRELESS ASSOCIATION OF SOUTH HILLS, Inc.
N3SH / WA3SH / NP2SH



Congratulations to Joe Rudi NK7U, who has been selected for the 2022 Class for the Oakland Athletics Hall of Fame.

He was a three time All Star during his time with the team, from 1967-1976 and 1982, when he also won 3 consecutive Gold Gloves, and was considered instrumental in their 1972 World Series win over the Cincinnati Reds.

And since his retirement from MLB, he's become a pretty good DXer and confester as well!

Reminder: The September WASH Meeting will be held in person on September 2nd, 7 PM, at Babcock Grove, South Park. Please be prepared to observe any remaining social-distancing or related restrictions, for the safety of all.

Well, we really hoped to be able to say that the WASH Club Breakfasts were starting up again... not yet. If you read or watch the news, well, 'nuff said...

Please, please, continue to take precautions, and to observe social distancing. No, we don't like it either.

If you haven't been vaccinated yet... please don't waste another moment, or wait until it's too late. And forget politics, or conspiracy theories, or whatever. This is your life we're talking about. We'd rather put up with talking to you via a mask, or on Zoom, or other unwelcome alternatives... than be talking to your family at or after the funeral.

Moving on...

Hamfests are back in action in WPa. The weather has pretty much cooperating, as well, so both the Uniontown and Skyview clubs saw pretty good turnouts. Butler and Johnstown are coming up next. (This will be the first hamfest in Cambria County since the late 1980's or early 1990's!) Hope to see you there... and if you do go, make a point of thanking the vendors for being there, even if you don't buy anything. It's been a tough 18 months or so for everyone, and a little encouragement can go a LONG way!

Mark N3RDV has finally gotten caught up on all of his correspondence since June. He's asked us to apologize on his behalf for the long delays, to any club members who's new or renewal application didn't get acknowledged or processed right away.

On that same note, **if you aren't getting emails from the club reflector**, please let our webmaster, Curtis KB3CMT, know about it. If you aren't getting the newsletter from THAT (new) mailing list, let Ron W3WN know. The issue can usually be easily solved quickly. If we know about it.

Hey, do you realize that we're only about a month and a half away from **the 2021 Pennsylvania QSO Party**? It's usually a fun operating event, especially for those who are able to get out to the rare or semi-rare county and activate it (it's always fun to be the sought-after station... you know, where everyone knows your name call/county! If you're interested in operating... don't worry about license class... and don't have the station to get on the air (or think you don't, you'd be surprised), say something on the club reflector or at the meetings. Lots of help is available, if only you ask. And if you'd rather get your "feet wet" at someone else's shack, the first time around, so that you can see how it's done... no problem! We can work it out, if only we know. So let us know!

Have you **talked with your ARRL Officials recently**? At all? Ye Editor had a long chat with Atlantic Division Director Tom W3TOM at Skyview (thanks again, Tom!) and often talks with WPa Section Manager Joe W3BC at just about every hamfest. About what? About how things are going, radio wise. About concerns about legislative issues. About concerns regarding the operation of ARRL and how many of it's services are rendered. About Amateur Radio operating in general. Why bring this up? Because there is a large, vocal segment of licensed (but often inactive) operators on the various internet forums and social media sites, often passing along their opinions as facts. If our ARRL officials don't know how WE feel, they'll only have these nattering nabobs of negativity to gauge things by. (Not a member of the League? Talk to them anyway. And you should join, even if you don't agree with them 100%)

Join WASH or Renew your Membership Today! Membership Application on Page 17

Minutes, August 5th Meeting

Tony Romano KB3BYA, Acting Secretary, WASH

Meeting held at Babcock Grove, South Park

Call to Order: 19:25. Presiding Officer: Tony Romano (KB3BYA)

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

Roll Call: Members Present: 16, Guests: 1

Committee Reports:

Treasurer: Mark Stabryla, (N3RDV): Report read. Motion to accept by Bob (N3RDG), second by Bill (W3WH) and carried unanimously.

Acting Secretary: Tony Romano (KB3BYA): July minutes misplaced.

Repeaters: Frank (N3FB): Some minor problems; the link came off and needed repaired, also some interference from the WV repeater.

WASHNet: Charles (Chuck) Bihun, III (K3CELA): Running well, some new calls.

Thursday Night Tech Net: Glen Roberts (KE7FD): How to build an antenna.

Contests: **Field Day:** Larry (K3VX) – PA QSO Party needs more participants from home stations.

Public Service: Mike (WA3PYU):

• Red Cross drill coming up.

• Pittsburgh Great Race scheduled for the last Sunday in September.

Newsletter: Ron Notarius (W3WN): Published. Questions about publishing software, as current software is getting old.

Volunteer Examiners: Grant Olsen (KC3MLC): 1 candidate for the VE exam, went from no license to General.

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

President's Report - Tony Romano (KB3BYA): (No report)

Old Business: (none)

New Business: (none)

Good of the Order: Ron W3WN discussed the Steel City ARC 80th Anniversary Special Event Station, W8O. Upcoming are the Uniontown ARC Gabfest and Skyview RS Swap & Shop.

Adjournment: Motion Bill (W3WH); seconded Larry (K3VX). Carried

Adjourned: 20:11 hours



Part of the Radio Museum, located at the Uniontown ARC clubhouse grounds.
More W3PIE Gabfest Photos on Page 7



WASH Spotlight: NU3Q



Spotted at the 2021 Skyview Radio Society Swap 'n' Shop, set up in the first row of vendor tables, was our own hard-working Bob Mente NU3Q. He was taking a break from recruiting for The Great Race and enjoying breakfast courtesy of "Cookie," aka Radio Free Bob Bastone WC3O..

Photo courtesy of and © Copyright 2021 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**

Monthly WASH Breakfast



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

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

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

Wireless Association of South Hills Membership

| | | | | | |
|--------|--------|--------|----------|-------------|----------------|
| AA3XY | KC3NFV | N7TDX | WASH FL | WASH TN | Silent Keys |
| AE3DL | KC3NPJ | N8NEU | KA3UPY/M | K3OL | |
| K3CMU | KC3OCT | NL7XM | W4ZE | KE3XB | AB3KA |
| K3GW | KC3QAH | W3LE | WASH NE | N3YPB | AB3ED |
| K3HCR | KC3RGV | W3WH | N0PEU | WASH TX | K3EED |
| K3JDS | KC3RTF | W3WN | WASH OH | NB3C | K3LIE |
| K3SGT | KC3RZL | WA3PYU | N8DPW | K3LGM | KA3NMG |
| K3VX | KC4WTT | WA3VSS | WASH OR | KB3IJX | KB3ENX |
| K6DWR | KO4EZO | WB3CAI | KB3NVL | Jane Wagner | KB3FNM |
| K8DRH | KE7FD | WB4GCS | KB3NVM | WASH VI | KB3FQT |
| KA3VXM | N0VLR | | WASH SC | NP2JF | KB3JHQ |
| KB3BYA | N3DFK | | N8NEU | | N3BPB |
| KB3CMT | N3FB | | | | N3CZZ |
| KB3ERQ | N3IDH | | | | N3FZ |
| KB3GMN | N3KFD | | | | N3HKQ |
| KB3GMU | N3NWR | | | | N3KEH |
| KB3SQZ | N3RDG | | | | N3OBD |
| KB3YCX | N3RDV | | | | N3RNX |
| KC3GMM | N3SBF | | | | N3SKR |
| KC3MLC | N3ZK | | | | N3SRC |

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

Through August 30th, 2021
List compiled by
Mark Stabryla N3RDV, Vice President/Treasurer

WA3JPP

2021 WASH Upcoming Events Calendar

Club Meetings & Other Significant Events — Subject to Change

| | | |
|---|---|---|
| September 2 nd | WASH Meeting | Babcock Grove, South Park |
| September 11 th - 19 th | 22 nd Annual Route 66 On The Air | Citrus Belt Amateur Radio Club https://w6jnb.org |
| September 12 th | Butler County ARA Swapfest 2021 | Unionville Fire Department, 102 Mahood Road, Butler PA 16001 |
| September 19 th | Cambria County Hamfest 2021 | Revloc Fire Company, 547 Cambria Avenue, Revloc PA 15948 |
| September 26 th | City of Pittsburgh Great Race | Rungreatrace.com |
| October 2 nd - 3 rd | 56 th California QSO Party | http://www.cqp.org |
| October 7 th | WASH Meeting | To Be Determined |
| October 9 th - 10 th | 65 th Pennsylvania QSO Party | https://www.paqso.org |
| November 4 th | WASH Meeting | To Be Determined |
| November 6 th - 8 th | ARRL Sweepstakes CW | http://www.arrl.org |
| November 7 th | WACOM Hamfest | Washington County Fairgrounds, 2151 North Main Street, Washington PA 15301 |
| November 20 th - 22 nd | ARRL Sweepstakes SSB | http://www.arrl.org |
| December 2 nd | WASH Meeting | To Be Determined |
| December 3 rd —5 th | ARRL 160 Meter Contest | http://www.arrl.org |
| December 11 th —12 th | ARRL 10 Meter Contest | http://www.arrl.org |

The Citrus Belt Amateur Radio Club of San Bernardino, CA [W6JBT](https://w6jnb.org), is once again hosting (probably one of the most fun special event activities) the 22nd Annual "Route 66 On The Air" special event between 0000z on Saturday, September 11th and 2359z on Sunday, September 19th.

The purpose of this event is to offer amateur radio operators a fun way to "Relive the Ride" of their own memories of "the mother road" Route 66, and to celebrate the highway's 95th anniversary.

US 66, established in 1926, was the first major improved highway to link the west coast with the nation's heartland. Through stories, songs, and TV shows, the highway came to symbolize the spirit of the freedom of the open road, inspiring many to see America.

There will be 22 stations on this year (W6A—W6V), including 2 rovers, operating in or around the major cities along the old Route 66, from Santa Monica, CA, to Chicago, IL.

More information, including a complete list of special event stations, with sponsoring clubs & locations, modes, and more, can be found at the "Route 66 OTA Site" at <http://w6jbt.org>



"Seen" at the August WASH Meeting

Photos courtesy of and © Copyright
2021 Ron Notarius W3WN



As usual, we had visitors come by as the meeting was going on... but no more horsing around...

“Seen” at the Uniontown ARC Gabfest

Photos courtesy of and © Copyright
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"Seen" at the W3KWH 80th Anniversary Picnic

Photos courtesy of and © Copyright 2021 Ron Notarius W3WN



"Seen" at the Skyview RS Swap 'N' Shop

Photos courtesy of and © Copyright
2021 Ron Notarius W3WN



Florida Woman Fights to Have Amateur Radio Banned Due To Alleged QRM With Her Insulin Pump

Indigo East, FL, August 23rd, 2021 – A Florida TV station is reporting that a woman in Indigo East, FL, near Ocala, is alleging that problems with her insulin pump are being caused by a nearby Amateur Radio operator, and is planning to sue both that neighbor, and the neighborhood association that they both live in.

According to the WFTV report, Michelle Smith, a Type 1 Diabetic, has been having issues for over a year with her insulin pump, as it was “suddenly” giving her the wrong amounts of insulin. She alleges that she “switched pumps, bought another one, switched reservoirs, threw insulin away, did everything I knew of to troubleshoot.”

After further research, she suspected that the problem “might” be from her neighbor, David Birge WB9UYK. A consultant hired by the management firm for the community, *On Top Of The World*, determined (how was not specified) that “the amateur radio operator COULD have produced” radio frequency levels in excess of those that the pump was intended to operate in.

WB9UYK was instructed to shut down his station “for now” and his station is currently sitting in his office “unplugged and collecting dust.”

Smith has since requested a “reasonable accommodation” under the Fair Housing Act to ensure that no HF signals can be transmitted within 300 feet of her home. She also wants the Florida Commission on Human Relations to determine whether or not the community’s board and managers are “doing enough” to “protect” her and others with medical devices.

Since the initial story began appearing online, some additional information has become available.

- Other sources indicate that the insulin pump(s) in question are manufactured for, and marketed under, the brand name Medtronic.
- A moderator on the QRZ.COM website, Dave Ellison W7UUU, posted in a discussion thread on August 25th that “My wife has been using a Medtronic pump for YEARS – she’s a ham (N7ANN), I’m a ham, around HF, VHF, near-UHF and recently about KW power levels. All the time. Just ‘much ado about nothing’ IMO (and hers, after discussing this with her). Sounds like ‘Lawyer fodder angling for a big payout’ to me”.
- Jim Ganley KD9DOG posted shortly thereafter in the same thread, on August 25th, “I am in a similar situation. I have a Medtronic pump to control pain and I use a Heath SB-220, and I have never had any problem with stray RF on the bands. I even have a system set up, and everyone knows what a CB and Power will do, and never have I had a problem. ‘Nuff said.”

While these reports are anecdotal, they do appear to point out that the device design may not be at fault, or at least, is not susceptible to HF RF.

Update: On August 26th, Gerald Gates Jr. N8KUH posted an excerpt taken from “Appendix F” of the Medtronic insulin pump manual. The pumps are licensed under FCC Part 15, as a Class B digital device. The standard license grant for these devices impose two conditions:

- The device must not cause harmful interference
- The device must accept any interference received, including interference that may cause undesired operation.

If it can be proven that HF operation at a certain power level, or above that threshold, is affecting the device, it would seem (to a layman) that the FCC Part 15 license grant would preclude a lawsuit.

Update: On August 27th, Matt Kaskavitch KØLWC posted to YouTube a 55 minute interview with David Birge WB9UYK. The video in it’s entirety can be found at <https://www.youtube.com/watch?v=8eDLdGb3Zlw>

Editor’s Note: This story includes information excerpted from a WFTV report posted online, credited to Karla Ray, an investigative reporter for the “9 Investigates” unit. Thanks also to Matt Kaskavitch KØLWC for his interview with WB9UYK, and to Gerald Gates Jr. N8KUH, Dave Ellison W7UUU, and Jim Ganley KD9DOG



Alternate Views: [HTML \[Translate\]](#) [PDF \[Zoom\]](#) [Download \[PDF\]](#)

| Section 12: Appendix Appendix G: Accuracy of Flow Rate | | Section 12: Appendix Appendix G: Accuracy of Flow Rate | |
|---|----------------------|--|--------------------------------|
| F. FCC Compliance Information | | | |
| Model Number: R712204-001 and R712204-002 | | | |
| FCC Rules: This device is compliant with FCC Part 15, Class B, Security/Remote Control Transmitter. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: | | | |
| 1. This device may not cause harmful interference. | | | |
| 2. This device must accept any interference received, including interference that may cause undesired operation. | | | |
| Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: | | | |
| <ul style="list-style-type: none"> • Reorient or locate the receiving antenna. • Increase the separation between the equipment and transmitter. • Consult the dealer or an experienced radio/TV technician for help. | | | |
| The user is cautioned that changes or modifications not expressly approved by Abbott Diabetes Care may void the user's authority to operate the device. | | | |
| F. Electromagnetic Information | | | |
| Electromagnetic Interference (EMI) from Radio Wave Sources | | | |
| Battery-powered insulin-delivery devices such as the Abbott Diabetes Care Inc. FreeStyle Aviator System may be susceptible to electromagnetic interference (EMI) such as Radio and TV station transmitters, amateur radio (ham) transmitters, two-way radios, cell phones, Electronic Article Surveillance (EAS) systems and Radio Frequency Identification (RFID) systems. The interference from these electromagnetic field sources may cause the insulin pump to STOP delivery of the insulin or degrade the image on the companion pump screens. It can also permanently damage the control system of the insulin delivery pump and companion. | | | |
| Immunity Level | | | |
| The intensity of the EMI can be measured in volts per meter (V/m). The immunity level of the FreeStyle Aviator System is 10 V/m as mandated by the standard, EC 60601-2-24. | | | |
| Some cellular telephones and similar products transmit signals while they are turned on, even when NOT being used. | | | |
| RAC/CEM Declaration | | | |
| Reference Document | CSPR 11 | EC 61000-4-2 | EC 61000-4-8 |
| Performance | Disturbed Emission | EC 60601-2-24 | EC 60601-2-24 |
| Criteria Required Performance | Group 1 Class B Pass | | |
| Criteria Met | N/A | Electro Static Discharge +/- 8kV Direct, IEC and VCF Discharges +1/-15kV Air Discharge Test | Magnetic Immunity 400 A/m Pass |

Operators Needed for the Great Race

Operators are needed for the Richard S. Caliguiri City of Pittsburgh Great Race 2021, on Sunday morning, September 26th, 2021. Race information can be found at <https://www.rungreatrace.com/>

I need operators to cover fixed points along the course, and to shadow the race officials. If you have questions or want to help, please e-mail the Allegheny County EC, Bob Mente NU3Q at allegheny@wpa-arrrl.org or (412) 279-9016 (Home) or (412) 736-7385 (Cell).

Thank you!

— 73, Bob Mente NU3Q

Who Was That Masked Ham?

So, I'm walking around the 2021 Uniontown Gabfest, taking a few snapshots for the newsletter. Right after I get one of one of the vendors, a ham who'd just walked past me turned around and asked:

"Did you just take his picture?"

"Yeah. Why?"

"You can't take MY picture. You'll get me killed. Delete it!"

"I'm sorry?"

"I'm in Witness Protection. If you take my picture and post it to Facebook, you'll get me killed. You have to delete my picture!"

"Wait. You're in WHAT?"

"Witness Protection! You can't take my picture, or I'll be killed, and you'll be in big trouble with the FBI!"

"Uh huh. So, if you're in Witness Protection, why are you walking around a ham fest wearing a ball cap with your call sign and name on it?"

"How do YOU know that's my real call?"

"Look: I didn't take your picture. I'm not going to take your picture. And if you're so worried about being seen in public, you should go home."

(Rude reply not printable in the newsletter)

— Ron Notarius W3WN



June 2021 Volunteer Monitor Program Reports

Riley Hollingsworth K4ZDH, VM Program Administrator

Gettysburg, PA, August 12th, 2021 – The July 2021 activity report of the Volunteer Monitor (VM) Program has been released. This program is a joint initiative between ARRL and the FCC to enhance compliance in the Amateur Radio Service.

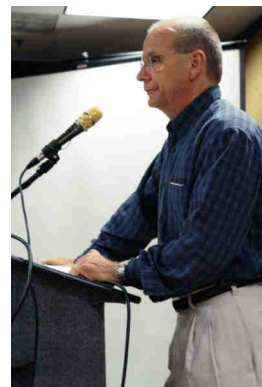
- Technician-class licensees in Spring Valley, Smith River, and Nipomo, California; Oneonta, New York; Idaho Falls, Idaho, and Center, Texas, received *Advisory Notices* concerning FT8 operation on frequencies not authorized to Technician licensees.
- General-class licensees in Marco Island and Arcadia, Florida, as well as in Maryland, received *Advisory Notices* for operation in the Amateur Extra-class portion of the 20-meter band.
- A licensee in Parks, Arizona, received an *Advisory Notice* concerning failure to abide by a request to stay off a repeater. The matter will be referred to the FCC for enforcement action.
- A General-class licensee in Acworth, Georgia, received an *Advisory Notice* concerning failure to identify properly and for repeated communications with unlicensed stations on 3.895 MHz.



- An Amateur Extra-class licensee in Keansburg, New Jersey, received an *Advisory Notice* concerning on-the-air threats directed at another operator on 3.844 MHz.

- The final totals for VM monitoring in July were 1,736 hours on HF frequencies and 2,185 hours on VHF and UHF frequencies.

The IT staff at ARRL Headquarters has begun work on the automated system for Volunteer Monitors to report monthly monitoring hours and Incident Reports.



How To Report a Possible Violation to the ARRL

To report clear violations of FCC Part 97, particularly instances of unlicensed operation, repeated deliberate interference, and operation outside of a licensee's authorized frequencies, send the report via email to Riley Hollingsworth K4ZDH, ARRL Volunteer Monitor Administrator, at K4ZDH@arrrl.org.

Important: include the following information in your report:

- Frequency (MHz) of incident:
- Time of incident (UTC):
- Date of incident:
- Call sign(s) of station(s) being reported:
- If a repeater, call sign of repeater involved:
- Description of alleged incident being reported:
- Your full name (person submitting report)
- Your call sign:
- Your email address:
- Your phone number:

All reports will be acknowledged, reviewed, and the person submitting the report will receive a response as quickly as possible.



The Ross Hull Contest

Trent Sampson VK4TS

Mooloolaba, Queensland, Australia, August 27th, 2021 – The Wireless Institute of Australia (WIA) has run a contest in the memory of Ross A. Hull since 1950, and this year, I have been appointed manager.

The Contest is a DX based Marathon on VHF and up bands for the entire month of January and there is no reason anyone, anywhere doesn't enter and send in a log.

The Rules are simple – Work anyone on SSB CW or Digital any day over the month, repeat contacts are allowed every day and pick either the best seven days or two days from the entire month. Scoring is 1 point up to 100km 2 points 200km etc, we have N1MM UDC created thanks to Les G4OGB and the VK Contest logger VKCL also caters for the contest.

For more information, see <https://www.mnds.com.au/vkcl/> and <https://www.wia.org.au/members/contests/rosshull/>

Who Was Ross Hull?

Ross A. Hull was born in St. Arnaud, Victoria, a son of (Presbyterian) Rev. Henry Tremlett Hull (1858 – 1 January 1933) and his wife Mabel Constance Josephine Hull (née Amos) (c. 1866 – 13 July 1931), and was educated at Williamstown High School^[1] and Ballarat College. He trained as an architect, but had a keen interest in the rapidly developing field of wireless communication. He took a leading part in experiments which demonstrated the value of shorter wavelengths for commercial communication. He was first in Australia to relay (receive and rebroadcast) an overseas wireless programme, through 3LO shortly after it was opened.^[2] He was vice president of the Victorian Division of the Wireless Institute of Australia in 1923.^[3]

In 1925 Hull abandoned architecture and began practising in Sydney as a consulting radio engineer. He was elected Federal Secretary of the Wireless Institute and the Australian Radio Relay League.^[4] He was a key figure in ground-breaking communication experiments between the U.S. and Australia.^[5] In 1927 he went to the United States, to work with the headquarters staff of the American Radio Relay League on the production of the league's magazine QST,^[6] then director of the ARRL Experimental Laboratory. He returned to Australia in 1929, to take up the post of technical editor of *Wireless Weekly* in Sydney.^[7] A year or two later he resumed his experimental and journalism work with ARRL at Hartford, Connecticut. He was particularly interested in UHF communication and built a radio-controlled glider.^[8]

Early in 1938 he assumed American nationality and was appointed editor of QST. For over six months he was actively engaged in experiments in television, then was killed when he accidentally received a shock of 6,000 volts while experimenting with television apparatus in the laboratory of his summer residence at Vernon, Connecticut

(Biography courtesy of Wikipedia)



Sailing Vessel with Ham Radio History Marks Centennial

American Radio Relay League

Newington, CT, August 19th, 2021 – The schooner **Bowdoin** is a century old this year.

Now owned by the Maine Maritime Academy (MMA) as a training vessel, the ham radio history of the 88-foot (LOA) **Bowdoin** is often neglected. Constructed in Maine specifically for Arctic exploration, the vessel relied on amateur radio for communication during explorer Donald B. MacMillan's Arctic Expedition of 1923 and on the MacMillan-McDonald-Byrd Expedition of 1925 — thanks in part to ARRL co-founder Hiram Percy Maxim, W1AW. The venerable vessel, the official vessel of the State of Maine and the **flagship** of Maine Maritime Academy's Vessel Operations and Technology Program, recently underwent a complete hull restoration and refitting and has done a little touring to mark its centenary. Its home port is Castine, Maine.

The longwave transmitters MacMillan used on his earlier missions had proved "unable to penetrate the screen of the aurora borealis," then-ARRL historian Michael Marinaro WN1M (SK) explained in his article, "Polar Exploration," from the June 2014 issue of QST. In 1923, MacMillan turned to ARRL for help in outfitting his next expedition with better wireless gear. Marinaro recounted, "It was enthusiastically provided." Maxim and the ARRL Board recruited Donald H. Mix, 1TS, of Bristol, Connecticut, to accompany the crew as its radio operator.

M.B. West, an ARRL Board member, designed the gear, which was then built by amateurs at his firm, Zenith Electronics. The transmitter operated on the medium-wave bands of 185, 220, and 300 meters, running 100 W to a pair of Western Electric "G" tubes. Earlier exploratory missions had used gear that operated on longwave frequencies. The shipboard station on board the **Bowdoin** was given the call sign WNP — Wireless North Pole.

"WNP transmitted weekly 500-word press releases and listings of stations worked and heard," Marinaro said. "Once received by amateur stations, these reports were delivered to local affiliated newspapers of the North American Newspaper Alliance; from there, they were distributed syndicate-wide by telegraph."

MacMillan's subsequent attempt at the North Pole centered around wireless. The objectives supported by the Navy and the National Geographic Society were to determine the full capabilities of radio north of the auroral belt and to explore the northern reaches by air. The outstanding accomplishment of the 1925 expedition was in the sphere of radio. Utilizing shortwaves, the expedition was in consistent contact with the outside world throughout the journey, to the delight of the amateurs who were able to work them. The phenomenal success proved to the Navy that shortwaves were definitely superior to the longwaves and ultra longwaves that fleets had been using.

*Undated & uncredited photo of the Schooner Bowdoin courtesy of the American Radio Relay League
Don Mix 1TS operating WNP photo courtesy of Pete Varounis NL7XM via the American Radio Relay League*



FCC Grants Temporary Waiver to Permit Higher Symbol Rate Data Transmissions for Hurricane Ida Traffic

American Radio Relay League

Newington, CT, August 29th, 2021 – The FCC has granted an ARRL emergency request for a temporary waiver intended to facilitate relief communications in the wake of Hurricane Ida. The waiver was orally granted on Saturday, August 28th, and immediately permitted amateur data transmissions related to Hurricane Ida traffic to employ a higher symbol rate for data transmissions than the current limit of 300 baud.

ARRL pointed out in its request that Amateur Radio Emergency Service® (ARES®) members are working with federal, state, and local emergency management officials to assist with disaster relief. Many use radio modems and personal computers capable of using digital protocols and modes that would permit faster messaging rates than normally permitted under the FCC's rules. ARRL pointed out that higher data rates can be critical to timely transmission of relief communications, such as lists of needed and distributed supplies.

In 2016, in response to an ARRL petition for rulemaking, the FCC proposed to remove the symbol rate limitations, which it tentatively concluded had become unnecessary due to advances in modulation techniques and no longer served a useful purpose. That proceeding, WT Docket 16-239, is still pending. ARRL sought the waiver for radio amateurs directly involved with hurricane relief on HF using high-speed data transmissions, and the FCC orally granted the emergency temporary waiver for traffic related to Hurricane Ida. The temporary waiver is good until a written decision is made on ARRL's request that would cover the remainder of the hurricane season.

Pursuant to ARRL's request and similar to written waivers granted by the FCC in earlier years, to qualify, a protocol or mode exceeding the 300 baud symbol rate limit must (1) be publicly documented, (2) use no more bandwidth than the currently permissible slower protocols (generally accepted to be the bandwidth of an SSB signal, or 2.8 kHz), and (3) be used *solely* for communications related to Hurricane Ida.

ARRL is hopeful that the FCC will grant a longer-term waiver this week to enable planning and communications for any additional hurricanes this season.



Updated: August 30th, 2021 – Channels 1 and 2 on 60 meters will be available starting on August 30th for interoperability between US government and US amateur radio stations involved in Hurricane Ida emergency communications. This situation will remain in place until the storm has passed and the need for these channels no longer exists, or on September 6th, whichever comes first.

These frequencies will be used: Channel 1 Primary voice traffic 5332 kHz channel center, 5330.5 kHz USB voice; and Channel 2 Digital traffic 5348 kHz channel center, 5346.5 kHz USB with 1.5 kHz offset to center of digital waveform.

Stations on 60 meters are asked to yield to operational traffic related to Hurricane Ida.



Pigeons Mean Peril For Satellite Broadband

BBC News, courtesy of Southgate ARC News

"It's actually been very good but I noticed a series of outages - some a second, some longer," says Prof Alan Woodward.

The University of Surrey cyber-security expert is talking about his new satellite broadband service from space entrepreneur Elon Musk's Starlink company.

The outages, he thinks, may be caused by a lot of "pesky pigeons", which "have taken a fancy to sitting on the dish". That small grey dish sits on the kitchen roof. To the curious pigeon, it might conceivably look like a modern bird bath rather short on water. It is one earthbound end of the Starlink satellite internet system.

Living in a place where he "can only dream" of a fibre broadband connection, Prof Woodward says he's pleased to be one of the beta testers of the low Earth orbit (LEO) satellite broadband system. Mr Musk recently announced that he has shipped 100,000 of the terminals.

The little dish receives and sends signals to passing satellites, part of a constellation of 1,700 which are hurtling overhead at a height of about 340 miles (550km). They travel fast enough to orbit the Earth every 90 minutes or so.

Tens of thousands more are planned, but Gwynne Shotwell, president of aerospace company SpaceX which operates Starlink, has admitted new launches are being affected by shortages of chips and liquid oxygen fuel. Treating Covid-19 patients has increased demand for commercial oxygen - leaving less for fuel.

Major outage: Prof Woodward is still investigating the root cause of the glitches, though an expert told the BBC a "pigeon sitting on a Starlink antenna would certainly degrade its performance".

Pigeons have not been the only problem, however, as this week, a major outage hit Starlink users around the world. The connection, Prof Woodward said, "just completely disappeared". The service, still officially in beta, seems to have been down for about an hour for many users - and Starlink has not explained why.

More information at <https://www.bbc.co.uk/news/technology-58061230>

Butler County ARA Swapfest 2021

Sunday, September 12th, 2021, 8:00 AM—3:00 PM

Grounds Open at 6 AM for Vendors & Tailgaters

Unionville Volunteer Fire Department

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

Talk-in on 147.360 PL 131.8 Admission \$5

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



Cambria County Hamfest 2021

Sunday, September 19th, 2021, 9:00 AM— 4:00 PM

Vendor Setup prior to 9:00 AM

Revloc Fire Company

547 Cambria Avenue, Revloc, PA 15948

Talk-in on 145.21 PL 123.0

More Information at <http://www.cambriaradio.com>



WACOM 2021 Hamfest

Sunday, November 7th, 2021, 8:00 AM—3:00 PM

Doors Open at 6 PM Saturday, November 6th for Vendor Setup

Washington County Fairgrounds

2151 North Main Street, Washington, PA 15301

Talk-in on 146.790 & 147.390 PL 131.8 Admission \$5

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



Who's On (Bouvet) First?

Or, You Can't Tell The Players Without A Scorecard

Editor's Note: Bouvet Island, as has been noted in this newsletter before, is one of the rarest and most difficult places on the planet to reach and operate from. That very feature makes it attractive to some of our most intense DXpeditioners! Several attempts in recent years have met with failure, for one reason or another, yet the demand and desire for Bouvet remains. For several years, there have been two rival groups planning the trip, and at times, there has been some acrimony amongst them. In August, for a brief time, there appeared to be three.

Below are the ARRL News items with the latest updates.

The Editors of this newsletter takes no sides in the politics and planning behind the efforts of these parties. We simply wish good luck and success to all... and hope that when the island is finally reached, we somehow can make it into the logs once or twice!

Courtesy of the American Radio Relay League:

Newington, CT, August 10th, 2021 – Parallel planning is under way by three entities for DXpeditions to Bouvet Island in 2021, 2022, and 2023. The remote volcanic, glacial sub-Antarctic island in the South Atlantic is the second-most-wanted DXCC entity, according to Club Log. In June, the Intrepid-DX Group canceled its 3YØJ DXpedition, planned for 2023, after the RV *Bravehart* was put up for sale. Not long after, the Intrepid-DX Group revived its plans and was seeking a suitable vessel.

On August 8th, a DXpedition using the 3YØJ call sign announced the signing of a contract with the expedition vessel *Marama*, a 101-foot sailing ketch with "a proven track record and experienced polar crew." Co-leaders for the November 2022 effort are Ken Opska LA7GIA; Rune Øye LA7THA, and Erwann Merrien LB1QI. Opskar, who holds the 3YØJ license, split from the Intrepid-DX Group DXpedition effort he headed with co-leader Paul Ewing N6PSE.

In a brief announcement on August 3rd, Ewing had said that a Bouvet DXpedition team under "revised leadership" had found "a suitable/affordable vessel willing to take us to Bouvet," and was negotiating the terms of that charter contract. Ewing's co-leaders would be David Jorgensen WD5COV, and Kevin Rowett K6TD. The Intrepid-DX Group now must secure a new license and landing permission from the Norwegian Polar Institute.

Meanwhile, Polish radio amateur Dom Grzyb 3Z9DX, says planning continues for a second expedition on Bouvet Island in late 2021, using the call sign 3YØI. "As you probably know, our first attempt to reach the island of Bouvet in March 2019 failed," Grzyb says on the DXpedition's website. "We were so close — just 63 nautical miles off the shore of Bouvet Island!"

The reconstituted 3YØJ group under the LA7GIA/LA7THA/LB1QI triumvirate said in its August 8th announcement that it planned to begin fundraising "immediately." It would field a team of 12 operators for a 20-day stay "around Bouvet." They would set up at Cape Fie at the southeastern part of the island, which is called "the only feasible part where a DXpedition can safely set up camp on rocky ground; we will not set [up] camp on the glacier."

The Intrepid-DX Group's Paul Ewing N6PSE, had no comment regarding the 3YØJ release of August 8th.

Courtesy of the American Radio Relay League & the Daily DX:

Newington, CT, August 13th, 2021 – In a brief statement this week, Intrepid-DX Group President Paul Ewing N6PSE, said his team is pulling out of the race to activate Bouvet Island and looking elsewhere.

"We now find ourselves the number three team in line to go to Bouvet," the announcement said. "This recent development is not comfortable for us, so we are now re-examining the top 10 most-wanted DXCC entities, with a plan to redirect our efforts to an activation that will be most beneficial for everyone..."

We plan to activate a different rare and much-needed entity in January/February 2023. That is now our focus. Watch for more updates on this exciting new project.

We wish our former 3YØJ teammates a safe and productive journey to Bouvet."

From 3YØJ Press Release #5

Hagan, Norway, August 30th, 2021 — We are happy to announce that Northern California DX Foundation has voted to grant \$100,000 to the upcoming 3YØJ DXpedition to Bouvet. This is an all-time high donation and matches the previous donation given to Bouvet projects. The 3YØJ team is very grateful and honored in the trust NCDXF has shown by supporting our project.

We need your upfront support to go there and make 120,000 QSOs from Cape Fie at Bouvet.

Donations to the 3YØJ project can be done through paypal on our website or by bank wire transfer.

— Ken Opska LA7GIA, Rune Øye LA7THA



BOUVETØYA
BOUVET ISLAND
3YØI EXPEDITION



DX News Briefs



Current plans, as announced at the Huntsville Hamfest in August, are for the **W8S Swains Island** DXpedition to take place in Spring 2022. They will be QRV on all HF bands, CW SSB FT8 & RTTY with four stations in two separate camps. More information at <https://swains2020.ildxt.eu/>

TI200I will be QRV courtesy of members of the Radio Club of Costa Rica **TI0RC** during the month of September, to celebrate the bicentennial of the nation's independence. Activity will be on all HF bands, multiple modes, and the Satellites. More information at ti200i@ti0rc.org QSL via LotW.

HL1WP is currently QRV as **JU1WP** from Ulanbator since July. He has been primarily on the LEO satellites. More information available on his QRZ.COM page. QSL via LotW or as directed.

HK3JCL will be QRV through the end of May 2022. QSL via DK8LRF.

9A/DF8AM will be QRV through 12 September, CW and digital modes. QSL via DF8AM or as directed.

F1TMY/J28PJ will be QRV as **3X2021** starting mid-September. He will be QRV on HF and the QO100 satellite. QSL via ClubLog or as directed.

EB5URT members will be QRV as **EG5DIC** 10 – 17 September, to celebrate "International Chocolate Day" on 13 September. A downloadable diploma/award in PDF is available, details on their QRZ.COM page. QSL via the bureau.

F4IHM will be QRV as **5UA1HM** 11 September – 22 October. Activity will be limited, but primarily on 40 & 20 CW, 1800 – 2030 Z. QSL via F4IHM or as directed.

GB0SCI will be QRV from St. Mary's in the Scilly Isles archipelago, off the Cornish coast (EU-011) from 18 – 22 September. Multiple HF bands and modes will be used. QSL via MØXDL.

IK2GZU will be QRV in his spare time as **5H3MB** from 25 September – 20 November, HF, on multiple modes. More information at <http://www.buffoli-pm.it/5h/Tanzania%202011.htm>. QSL via home call or as directed.

C5C will be QRV 24 October – 19 November, including the CQ WW DX contest. QSL via F5RAV.

The Italian DX Team will be QRV as **TL8AA** and **TL8ZZ** (FT8 only) during Spring 2022. Later in the year, they will be QRV as **J5T** and **J5HKT** (FT9 only) 9 – 22 October. Updates and more information available at <http://www.i2ysb.com/idx>

Need Norfolk Islands **VK9N**? OPDX and other sources report that VK2DX will be moving there later this year, and is expected to be QRV as **VK9DX** around Christmas. As New South Wales and Norfolk Island are currently still in lockdown, the time for this move and for Nick to be QRV from the island may be subject to change.

QSL Routes

3DA0AQ via EAA5GL
4A2MAX via XE2N
4L6DL via LZ1OT
40/UT8UU/P via UT8UU
4U1A via UA3DX
5I3B via EA3BT
5I3W via EA3BT
5T5PA/P via PA5X
5X3R via IK2DUW
7S5A via SM4DDS
8S9J via SM5TOG
9M2PPM via 9M2VJP
9M64MM via 9M2MDX
A35JP via JA0RQV
A61BG via EA7FTR
AP2IN via IK2DUW
CO8MCL via CO8MCL
D4SAL via EA7KNT
DL0LNN via DE2HJW
DL0MFK via DL2ARH
DL0WFF via DL2JIM
DN2ALY via DL2ALY
DQ9Y via DF2SD
E2A via E21EIC
EF1A via EA1X

EJ7NET via EI6FR
EM30LUA via UR6LF
EP2MRK via RW6HS
ER30MD via ER1BF
HF60B via SQ5ABG
IR2C via IK2FTB
OE100GOA/3 via OE1GOA
OE120AGD via OE6AGD
OE120BKC via OE3BKC
OE120DMT via OE7DMT
OE120SGU via OE3SGU
OE120U via OE6XUG
OE120WDR via OE7WDR
OE120XDX via OE8HAQ
OE120XFG via OE6WIG
OE120XXJ via OE7MPI
OE120YXK via OE8YXK
OE6XMF via OE6NFK
OG0C via OH5CW
OH0EG via SP1EG
OJ0WS via OH3WS
OO2O via ON4LDI
OR1Z via ON6IX
OS3VS via ON3VS
OS8D via ON8DN

OY1DZ via F5CWU
OZ50SOUND via OZ3EDR
PA6WSD via PA9RD
PI4COM via PALAW
PW7M via PS7HD
PX4M via PY4ME
R100K0MI via R1II
R1221NN via RJ3T
R20RTA via R7AA
R20RTP via R7AA
SI6T via SM6LZQ
SO7M via SP7PKI
SP0PILKON via SP3ZBY
SU9VB via UA4WHX
SV0GU via DL4SV
TC1LHS via YMIKE
TM1COB via F5MEV
TM6X via F5VHY
T24AM via W0SA
UE80PQ via RN10N
V85A via EB7DX
VK0PD via EB7DX
VK5/N2TA via RN3RQ
XQ3WD via XQ4CW
YQ6A via Y06BHN
YT1914CER via YU1ANO
Z36T via DJ0LZ
ZC4GR via EB7DX
ZW162T via PT7ZT

Thanks to the NJDXA DX News Reflector, the DX-QSL Reflector, 425 DX News, OPDX News, DX Coffee, DX World.Net, ICPO Bulletin, & ARRL DX Bulletin for our DX News information. Thanks also to the ARRL DXCC Desk, & Bernie McClenny W3UR / The Daily DX for confirmations & additional information.



WASH Classifieds

Information shown here is as supplied to the **WASHRag**. Condition as stated, and all sales should be considered "as-is" unless otherwise noted. All subject to prior sale or withdrawal from sale at the owner's discretion. All responsibility for this information lies with the source and not the **WASHRag** or the **WIRELESS ASSOCIATION OF SOUTH HILLS, INC.**

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Lazaroff & Suhr, Attorneys at Law

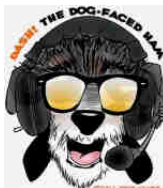
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Phone: 724-352-4905

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

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

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



US Amateurs by Class as of August 30th, 2021

| | |
|--------------|----------------|
| Novice | 7,971 |
| Technician | 427,438 |
| General | 194,037 |
| Advanced | 38,413 |
| Extra | 158,945 |
| Club | 12,500 |
| Total | 839,304 |

All-Time High 08/30/2021 839,304

| | | |
|---------------|--------------------|--------|
| Last 90 Days: | New Amateurs | 6,476 |
| | Callsign Changes | 2,378 |
| | Class Changes | 3,011 |
| | No Longer Licensed | 4,633 |
| | All Updates (*) | 28,462 |

(*) Includes renewals, address changes, etc.

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

Latest Region 3 Sequential Calls Issued as of August 30th, 2021:

| | |
|---------|-------------------------------|
| Group A | AC3HW |
| Group B | KF3EU |
| Group C | (none available / all issued) |
| Group D | KC3SQY |

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

Courtesy of the American Radio Relay League

Newington, CT, August 16th, 2021 – The schedule of FCC amateur radio application fees likely will not go into effect before 2022. FCC staff confirmed during a recent virtual meeting with Volunteer Examiner Coordinators (VECs) that the agency is still working on the necessary changes to the Universal Licensing System (ULS) software and other processes and procedures that must be in place before it starts collecting fees from amateur applicants. Earlier this year, the FCC said it would not start collecting fees from amateur applicants before this summer. The new estimate is that the fees won't go into effect until early next year.

Once it's effective, the \$35 application fee will apply to new, modification (upgrade and sequential call sign change), renewal, and vanity call sign applications. All fees will be per application. Administrative update applications, such as those to change a licensee's name, mailing, or email address, will be exempt from fees. ARRL VEC manager Maria Somma AB1FM said Volunteer Examiner (VE) teams will not face the burden of collecting the \$35 fee.

"Once the FCC application fee takes effect, new and upgrade applicants will pay the exam session fee to the VE team as usual, but they'll pay the \$35 application fee directly to the FCC using the **FCC Pay Fees** system," she explained. When the FCC receives the examination information from the VEC, it will email a link with payment instructions to each successful candidate who then will have 10 days from the date of the email to pay.

After the fee is paid and the FCC has processed an application, examinees will receive a second email from the FCC with a link to their official license. The link will be good for 30 days. Licensees also will be able to view, download, and print official license copies by logging into their FCC ULS account. The FCC no longer provides printed licenses.

Licensees can log into the **ULS** with their 10-digit FRN (FCC Registration Number) and password at any time to view and manage their license and application, **print their license**, and update anything in their FCC license record, including adding an email address.

FEE SCHEDULE: INDIVIDUALS

- * \$35 FEE: New, modification (upgrade and sequential call sign change), renewal, and vanity call sign applications. All fees will be per application.
- * NO FEE: Administrative updates, such as a change of name, mailing or email address, or license cancellation.

FEE SCHEDULE: AMATEUR RADIO CLUBS

- * \$35 FEE: New, renewal, trustee change, and vanity call sign applications. All fees will be per application.
- * NO FEE: Administrative updates, such as a change of name, mailing or email address, or license cancellation.

Amazingly, the Phone's Camera Didn't Break



Well, if he's REALLY going to go to THAT much effort and risk, again, for once, he will be indulged...

Photo from the 2021 W3PIE Gabfest courtesy of and © Copyright 2021 Paul Lusardi NØVLR

Has Roadway found the tower yet?



WASHfest 2022

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

Sunday, February 27th, 2022
8:00 AM until 3:00 PM Rain or Shine (or Snow!)

Home Economics Building, South Park

3735 Buffalo Drive, South Park Township, PA 15129
Behind the Allegheny County Police Station on Brownsville Road

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

Donation \$5



(800) 545-8881

Breakfast & Lunch will be available!



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

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

First Prize: To Be Announced

Second Prize: To Be Announced

Third Prize: To Be Announced

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

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

All Prizes Subject to last-minute changes

For Table Reservations, or More Information, Please Contact:

Carol Danko KB3GMN at (412) 884-1466 n3sbf@comcast.net
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, 2022.

Reservations received after February 1st, 2022 must include payment in full.

Reserve now... we have sold out in advance eleven 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:
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PLEASE MAIL RESERVATION TO:
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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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Glenwood, MD 21738 Phone: 301-854-5650



Arghh!
What Mightst We Draw For Ye, Matey?



Directions to the September Meeting Site

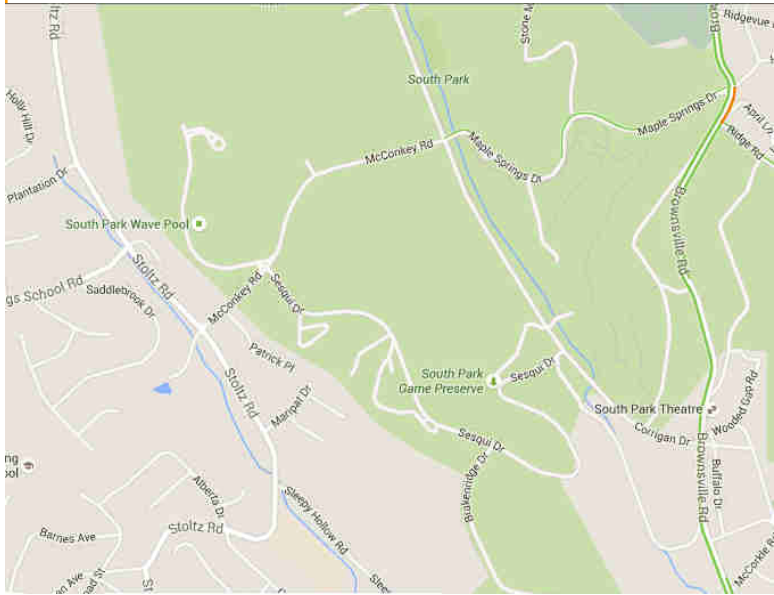
Babcock Grove is located on Sesqui Drive in South Park. (See map below left)

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

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

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

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



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

