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WASHRAG

Wireless Association of South Hills



VOLUME 20 ISSUE 8
AUGUST 2018



N3SH WA3SH NP2SH/B

www.n3sh.org www.washarc.org



WASHRAG™



VOLUME 20 ISSUE 8

AUGUST 2018

Next Monthly Meeting: Thursday, August 2nd, 2018

The next meeting of the **WIRELESS ASSOCIATION OF SOUTH HILLS, INC.** will be on **Thursday, August 2nd 2018**, in the Conference Room at the **St. Clair Hospital Outpatient Center, 2000 Oxford Drive, Bethel Park, by South Hills Village & Village Square** (map on the back page). The room is available at 6:30 PM. The meeting will be starting at 7:00 PM.

Subjects for the meeting include the 2018 Pennsylvania QSO Party, and other upcoming plans for 2018.

See you there!

Cover Photos: From the 2018 Pittsburgh Vintage Grand Prix.

Cover Photo is courtesy of & © Copyright 2018 Ron Notarius W3WN

WASH 2018 OFFICERS

EXECUTIVE COMMITTEE:

President	Glen Roberts KE7FD
VP / Secretary	Harold Rosenberger K3HCR
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	Ron Notarius W3WN
Webmaster	Sean Sleeman N3NWR
Asst. Webmaster	Ben Williams KB3ERQ
Quartermaster	Harold Rosenberger K3HCR
WASH FM Net Manager	Chuck Bihun KC3ELA
WASHfest 2019 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 2018 Coordinators	Rick Bell KB3IAC
	Bill Hill W3WH

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.

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Editor & Publisher: Ron Notarius W3WN

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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 October 18th

The Next WASH VE exam sessions will be **Thursday, October 18th, 2018, 7:00 PM**, at the **WPXI Community Room**, 4145 Evergreen Road, Pittsburgh, PA 15214. Talk-in on the 146.955 MHz and 443.650 MHz repeaters. All examiners are ARRL VEC affiliated.

Pre-registration is not required. Walk-ins welcome!

But if you plan on attending the test session, please contact VE Team Liason Ron Notarius W3WN:

Telephone (412) 572-6723 or E-Mail: w3wn@n3sh.org

Please bring the following to your test session:

Picture ID or other suitable identification (2 forms of ID required)
Pen / Pencil / Calculator
Original FCC license plus a copy of license (if upgrading)
Original CSCE plus a copy of CSCE (if upgrading)
Check or Cash in the amount of **\$15.00** (payable to: ARRL VEC)

Future test dates: February 24th, 2019
Remainder of 2019 TBA

Glen's Musings



I have some good news and some bad news.

The bad news is that the days are once again getting shorter, which means before we realize it, antenna season will have passed leaving the unprepared ham with less than what might be needed hanging in the sky for some time.

The good news is that old man Winter isn't here yet so give the notion of antennas some pondering, and don't be afraid to ask for help if needed.

On another note, the Perseids Meteor Shower will be visible both the nights of Aug. 11-12 and Aug. 12-13, if you want to try some long haul VHF.

— 73, Glen Roberts KE7FD
President, Wireless Association of South Hills, Inc.
N3SH / WA3SH / NP2SH/b

John Hey G3TDZ(SK) designed the special LF radio equipment used in the recent cave rescue in Thailand.

The Heyphone operates USB on 87 kHz. The "antenna" consists of two stakes driven into the ground about 20 meters (63 feet) apart. Enough of the current "fringes outward" to couple to another antenna a few hundred meters away (or down), according to information posted online by Phil Karn KA9Q

For the first time in many, many years, the **WASH Breakfast Gang** did not meet at Suzie B's / Vinnies. The new owners have temporarily closed for remodeling, which should be done soon. So instead, the July gathering took place at **Bob's Diner** on Grove Road in Castle Shannon. Present this month were WB4GCS, N3DFK, KB3YCX, N3BPB and W3WN. Topics of the day included Stretch & Stretch Light, GPS routing, dementia patients, the Oceana NAS in Virginia, Tactical Air & Langley AFB, Subaru Transmission Warranty concerns, running the ARRL VHF Contest from the Outer Banks (NC), Training Officer vs. Command, AMSAT & free launches from the DOD, "5 and drive" geo-synch orbit, AARP cards, abuse of Amateur Radio, "work the model, not the code", Apollo 13 (the real thing not the movie), embedded software & shortcuts in testing, Tinkerbox vs. Raspberry Pi, Gigabit Verizon FiOS... and much more.

Our next gathering of the Gang will be on Saturday, August 26th, as usual at **Vinnie's**, 950 South Central Avenue (Route 910 at the intersection of Route 519 at US 19), Canonsburg, officially starting at **8:00 AM**. Our "usual" tables will be reserved, but please let Jim WB4GCS know ahead of time, so that the crew will have enough space available for us. (We really don't want to fight the State Police for seats... we'd lose!) See you there?

Our thanks once again to Susan Barckhoff, aka Suzie B, for all of her hospitality and good food to us over the years. We hope she is doing well and enjoying her well-earned retirement!

With the summer on its way to winding down for the year, it's starting to be time to turn one's attention to two topics. The first is, as always, completing antenna projects for the upcoming upturn in fall propagation. The other is the **upcoming Pennsylvania QSO Party!** A change in management has taken place, with the new Pa QSO Party Association assuming responsibilities for the event from the Nittany ARC. Goody K3NG, the new "PR Dude", informs us that a Rules Committee is looking at some updates for this year – nothing major, mainly clean-up & clarification – and are soliciting feedback for any improvements, for now and in the future. Contact Goody at Anthony.good@gmail.com with any requests or suggestions. Don't forget that the new website for the event is <http://paqso.org>. Meanwhile, we're waiting to hear from club members what they have planned, and hope to have that information for you next month.

Are we having an end-of-summer Club Picnic this year?

Has anyone in the club setup a **Raspberry Pi as an NAS**? If so, please contact Glen KE7FD.

Anyone interested in sharing a vendor spot in the flea-market at the **Skyview Radio Society Swap N Shop** this month? Or the **Uniontown ARC Gabfest** next month? If so, please contact Ron W3WN.



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

Minutes, July 5th Meeting

Harold Rosenberger K3HCR, Vice President/Secretary, WASH

Glen KE7FD called the meeting to order at 19:04 hours. There were 19 members & 1 guest present.

The Pledge of Allegiance was recited, followed by a moment of silence was observed for recent Silent Keys & others deserving, and then introductions.

Motion to waive reading of the minutes based on the minutes printed in the newsletter by Bill W3WH, second by Bob N3RDG, passed unanimously.

Committee reports:

Treasurer (N3RDV): Read. Motion to accept by Ron W3WN, second by Carol KB3GMN and passed unanimously.

Secretary (KB3ERQ): No report.

VE (W3WN): Due to a scheduling conflict, our next session has been rescheduled for July 12th at the WPXI Community Room. Thanks as always to N3FB & WPXI. We have 3 pre-registered candidates at present!

Repeaters (N3FB): Repeating!

WASHNet (KC3ELA): Net is going very well. Some NCS difficulties being sorted out.

N3SH.ORG (N3NWR): No report.

Public Service (AB3ED): Pittsburgh Vintage Grand Prix coming up on the weekend of July 14th and 15th. Westmoreland County Air Show weekend of July 28th and 29th.

Contests (K3VX): Field Day: Nice recap in the newsletter. Only issue of significance noted was our difficulty in running 20 Phone & 20 CW simultaneously, and in getting on 15 on Sunday when the band opened. SSB ops led on 75 meters, CW on 20. Babcock Grove has already been reserved for 2019.

Ways & Means (KB3GMN): Voluntary membership contributions underway and will be accepted after the meeting.

Newsletter (W3WN): Out. Thanks to all of the photographers who contributed Field Day pictures!

President (KE7FD): One Field Day pins remaining, see Glen after the meeting.

Old Business: None. Reminder from Mark to turn in any pending Field Day expenses, incomes, or revenue refund(s).

New Business: Short discussion on a generator purchase by the Club for future Field Day and other operations. Generator should be relatively quiet, auto-start, dual fuel, and output 4 -5 kWh. Ad-hoc committee appointed of Mark N3RDV and Rich N3SBF to look into what is available, what costs are, and to solicit bids.

Good of the Order: Short discussion on future storage location for the tower trailer. Ad-hoc committee of Bill W3WH and Chuck KC3ELA appointed to look into the matter.

Motion to Adjourn by Carol KB3GMN, second by Bob N3RDG, and carried unanimously.

Meeting adjourned at 19:25

Presentation followed by Larry K3VX on antenna tuning with the Field Day antennas, and a discussion of common mode current baluns.

This followed by a Slide Show Presentation by Char Spirk of her Field Day photos



On July 30th, ICOM release Firmware Version 1.11 for the IC-7610. This corrects the "missing preamble in scope data packet" defect in firmware version 1.10 that was preventing some 3rd party apps from properly operating the spectrum display #— Dave Bernstein AA6YQ

WASH Spotlight: VE Exam

We had four candidates at our VE Session on July 12th at the WPXI Community Room.

Two candidates successfully earned new Technician licenses, and have now had calls issued to them by the FCC.

Congratulations to Scott Grieve KC3LVC of Pittsburgh, and Curtis Turner KC3LVD of Bethel Park!

Thanks as always to our intrepid VE team, Frank Bobro N3FB and Rich Danko



N3SBF.

And as always to WPXI for permitting us to use their Community Room for our exam sessions.

Photos courtesy of and © Copyright 2018 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 **Vinne's**, Route 910 at the intersection of Route 519 at US 19, 1 mile North of Downtown Canonsburg. 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

AA3GM
AB3ED
AB3NM
AE3DL
K3CMU
K3HCR
K3JDS
K3SGT
K3VX
KA3VXM
KB3BYA
KB3DCO
KB3ERQ
KB3GMN
KB3GMU
KB3IAC
KB3IVX
KB3JHR
KB3ORO
KB3SQZ

KB3YCX
KC3ELA
KC3GMM
KC3KMY
KC4WTT
KE7FD
N0VLR
N1NCZ
N2QIV
N3BPB
N3DFK
N3FB
N3KFD
N3RDG

N3SBF
N7TDX
NU3Q
NY9H
W3WH
W3WN
WA3JFL
WA3PYU
WA3VSS
WB4GCS
WB3CAI
WO3Z
Barbara
Udren

WASH FL
KA3UPY/M
W4ZE
WASH NE
N0PEU
WASH OR
N0WPV
KB3NVL
KB3NVM
WASH OH
N8DPW

WASH TN
K3OL
KE3XB
N3YPB
WASH TX
NB3C
K3LGM
KB3IJX
Jane Wagner
WASH VI
NP2JF

Silent Keys

AB3KA
K3EED
K3LIE
KA3NMG
KB3ENX
KB3FNM
KB3FQT
KB3JHQ
N3CZZ
N3FZ
N3HKQ
N3KEH
N3OBD
N3RNX
N3SKR
N3SRC
N3ZEL
N3XFE
W3ZLK
WA3JPP

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

Through June 30th, 2018
List compiled by
Mark Stabryla N3RDV, Vice President/Treasurer

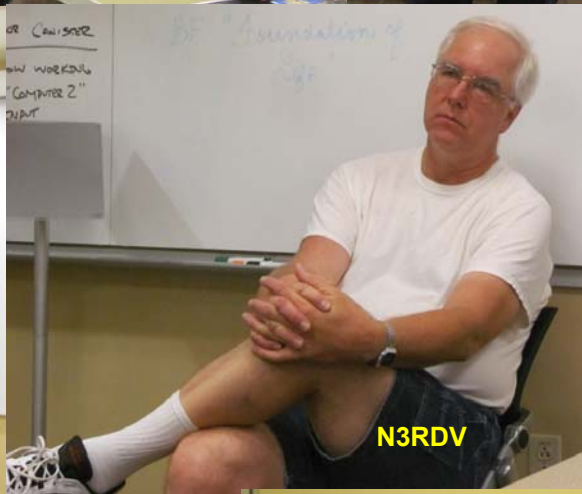
2018 WASH Upcoming Events Calendar

Club Meetings & Other Significant Events — Subject to Change

August 2 nd	WASH Meeting	St. Clair Hospital Outpatient Center, 2000 Oxford Drive, Bethel Park
August 26 th	Skyview Radio Society Swap N Shop	2325 Turkey Ridge Road, New Kensington http://www.skyviewradio.net
September 1 st	Uniontown ARC Gabfest & ARRL PA State Convention	433 Old Pittsburgh Road, Uniontown PA http://www.w3pie.org
September 6 th	WASH Meeting	St. Clair Hospital Outpatient Center, 2000 Oxford Drive, Bethel Park
September 9 th	Butler Co ARA SwapFest 2018	Unionville Fire Department, 102 Mahood Road, Butler PA
October 4 th	WASH Meeting	St. Clair Hospital Outpatient Center, 2000 Oxford Drive, Bethel Park
October 6 th & 7 th	53 rd California QSO Party	http://www.cqp.org
October 13 th & 14 th	61 st Pennsylvania QSO Party	http://www.paqso.org
October 18 th	WASH VE Exams	WPXI Community Room, 4145 Evergreen Road, Pittsburgh
October 27 th & 28 th	CQ World Wide DX Contest SSB	https://www.cqww.com
November 1 st	WASH Meeting	St. Clair Hospital Outpatient Center, 2000 Oxford Drive, Bethel Park
November 3 rd - 5 th	ARRL Sweepstakes CW	http://www.arrl.org/sweepstakes
November 4 th	WACOM Hamfest	Printscape Arena, 114 Southpointe Blvd., Canonsburg PA New Location
November 17 th - 19 th	ARRL Sweepstakes SSB	http://www.arrl.org/sweepstakes
November 24 th - 25 th	CQ World Wide DX Contest CW	https://www.cqww.com
November 30 th — December 2 nd	ARRL 160 Meter Contest	http://www.arrl.org
December 8 th - 9 th	ARRL 10 Meter Contest	http://www.arrl.org

"Seen" at the July Meeting

Photos Courtesy of and © Copyright 2018 Ron Notarius W3WN



The 13 Colonies Adventures of Carl & Quinn

Lynn Richards AAA2ZZZ

Photo courtesy of & © Copyright 2018 Larsen E. Rapp III WD3IOU

Witless Protection Program, US, July 4th, 2018 — As I entered Quinn's shack, he said to me without even looking up, "I've been trying relentlessly to work the 13 colonies contest. I've done fine with the digital modes, but none of my attempts to work phone on any band has worked!" Quinn said in something of a terse tone.

"It's like, like no audio is getting out of the radio. Everything else works, I just can't seem to break the pile ups" he added.

I could tell he was more flustered than usual because he had both his Fluke 15B+ and his cherished Sipmson 260 on the bench, with leads twisted all around his FTDX-3000. So being the studious operator that I am, I encouraged him to not give up but reminded him there were only so many hours to take advantage of 20 meters (heaping more pressure on him).


"Carl, you're not helping! Why are you here anyway?", snapped Quinn.

"Oh, I finished up about a half hour ago, got all thirteen stations, the bonus station in Philly... And the British station too. He might still be on 40 meters phone and if you hurry, you might catch him."

Shaking his head at my comment, Quinn pulled out the operator's manual and began to examine all of the settings in the radio which could possibly affect the audio output level of the Yaesu. I scanned over the scene and thought I noticed something that might make a difference but there was no way what I thought I saw could be the problem. Seeing him actually read a manual was a first! It was something I didn't want to intrude on. A tear came to my eye. I thought to myself, "My boy is all grown up." It was getting late so I bid him good luck and said I would venture over in the morning, since I had nothing else to do.

The next morning, July 4th, I again found Quinn attempting to work the 13 colonies stations by using the DX Cluster function in HRD. But, just as the night before he still was not able to raise any of the stations of interest by voice. Again, he went through the manual only to still find everything to be set up properly. And again, like he had done a dozen times before, he stepped away to ruminate. It wasn't long when I recalled an earlier incident during the week. I remembered noticing that the mic cables were rubbing up against the front of the radio brushing the knobs, which caused some settings to change. Quinn responded by rearranging the loop on the mic base to route UNDER the coiled mic cord, thus solving the issues of the radio settings being changed inadvertently. He then went back to working FT8. That was earlier in the week.

Just then it hit me: What is the loop? Why would there be a cable routed externally on the mic base from one side to the other? I know we see that sort of thing all the time in science fiction movies, like on space ships, and so forth, but why on a microphone base? Why the loop? Without alerting Quinn I turned my gaze back to the mic, taking both a closer look followed by a quick shot with my smartphone. Quinn seemed so dejected, so frustrated. "What are friends for?", I asked myself. I reached over and with all the sincerity I could muster, said to him, "Well bud, maybe next year." And with that I left him to working the contest doing PSK.

It's been several weeks now since the contest. Quinn has been very quiet, not very talkative at all. I don't know if this is a classical example of Occam's Razor or not, but certainly it's a perfect example of starting out looking at the most basic causes to a problem first before going down some rabbit hole. And just in case Quinn hasn't found it yet, here's the picture I took. 

Citing poor health, AMSAT OSCAR Number Administrator Bill Tynan W3XO— the individual who confers the alphanumeric designators on Amateur Radio satellites — has stepped down from the volunteer post after granting numbers to qualifying applicants for more than 2 decades.

"I want to thank Bill for his many dedicated years of service to AMSAT," said AMSAT President Joe Spier K6WAO, who named AMSAT Vice President-Operations Drew Glasbrenner KO4MA, to succeed Tynan.

"Ever since the launch of OSCAR 1 in 1961, it has been traditional for Amateur Radio satellites to carry the name OSCAR — for 'Orbiting Satellite Carrying Amateur Radio,'" Spier explained.

OSCAR satellites are customarily referred to by hyphenated names, the first selected by the builder, AMSAT-OSCAR 7, abbreviated as AO-7. Spier called OSCAR numbers "a proud tradition of Amateur Radio, one that we hope to keep going for many years to come."

A past AMSAT President, Tynan was licensed in 1946, initially as W3KMY. His requested W3XO in the 1970s because it was the call sign of Washington, DC's first FM broadcast station in the experimental years. Involved in AMSAT-NA from the start, Tynan managed the "The World above 50 MHz" column in QST from 1975 until 1992.

[Registration](#) is open worldwide for Scouting's Jamboree on the Air (JOTA) and Jamboree on the Internet. [JOTA-JOTI](#) take place October 19th – 21st — always the third weekend of October. JOTA Coordinator Jim Wilson K5ND, encourages JOTA groups to register as soon as possible.

"The sign-up system this year is much simpler," Wilson told ARRL. "There is no need to first register an account at [scout.org](#) before signing in." Wilson said JOTA-JOTI will generate "an explosion of communication across the Amateur Radio airwaves and the internet."

He anticipates that more than 1 million Scouts and Guides will take part in more than 150 countries.

A JOTA-JOTI [Participant's Guide](#) is available.



According to the Association of Radio Amateurs of Slovenia ([ZRS](#)), radio amateurs in Slovenia now have a 60-meter band available to them as of July 14th.

The allocation is 5.351.5 – 5.366.5 MHz, with a maximum EIRP of 15 W, in accordance with the Final Acts of World Radiocommunication Conference 2015, with operation on a secondary basis.

This band will be available to Class A licensees.



Skyview Radio Society Swap N Shop

Sunday, August 26th, 2018, 8:00 AM—???

K3MJW Clubhouse

2335 Turkey Ridge Road, New Kensington PA 15068

Talk-in on 146.640 PL 131.8

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

"Seen" at the 2018 PVGP

Photos Courtesy of & © Copyright 2018 Ron Notarius W3WN



Why Do We Volunteer?

Ron Notarius W3WN

Castle Shannon, PA, July 28th, 2018 — When I'm not on the air, especially when I'm commuting or have a few quiet moments for lunch, I'm often very active on many of the online amateur radio related forums. Like most flavors of social media, the crowd can be a little rough-and-tumble sometimes, as the keyboard commandos often give others a hard time, just because they can.

Case in point... a new ham asked some innocent questions about how he could recruit other hams to assist at a motorcycle road rally, and some of the keyboard commandos started giving him a real hard time about why hams should be helping out at an event like this, and whether or not it is actually permitted under 47 CFR 97... things of that nature.

This article started out as a rebuttal to those skeptics and curmudgeons. And it doesn't hurt to think about the main point — why do we do this?

Like many other members of the club, and hams in the area, I've volunteered at the Pittsburgh Vintage Grand Prix for more years than I really want to think about. For the vast majority of that time, I've been stationed as one of the communicators at PVGP Flag Corner 18. 18 is a sharp "hairpin" curve at the top of an S curve, alongside the Schenley Park Golf Course (E. Circuit Road @ Serpentine Drive is the actual intersection). Often, when a race car is coming around the corner at a high rate of speed, the vehicle actual tips slightly to the left side of the car, with the right side wheels momentarily leaving the pavement. When it is done right, and most of the time it is, it is a spectacular sight to see.



But when it doesn't...

The driver of 63 Blue told us later that his front brakes locked on him as he was coming around the curve, also locking up his front left wheel. When the wheel "stuck", the car ended up flipping over the roll bar, ending up back on its wheels... and it's momentum took it into the hay bales protecting the Jersey barriers and stone wall (well, actually protecting the car from cement and stone!)

Most of the front end is... well, it's seen better days, but it can all be repaired. (A lot of the body is fiberglass; the frame was not damaged, fortunately!).



So what did we do? ("We" meaning

Dan KB3HVN and myself, the Corner 18 radio ops)

We let Race Control (ABLE) know immediately that we'd had an incident, that our corner captain had the yellow caution and debris flags out; that we needed corners 16, 16A and 17 to be flying their caution flags, to warn race drivers that something unfortunate had just happened; and once things settled down, we relayed to Able to alert the Coarse Crew safety vehicles that at the end of the session, we'd need a "rollback" to retrieve the car (and what was left of it) and driver and take them back into the paddock area.

Our doing that meant that the flaggers could worry about notifying drivers, and the corner captain could worry about what had to be done next.

(The first picture was taken right after the incident, once the pack of cars had passed; the second was taken after the end of session, when the workers were carefully moving the car safely off the wall and onto the rollback)



During the course of Saturday — and these were the time trials and practice, not the actual races! — three other race cars collided with concrete or stone walls at other parts of the track. The radio ops at those corners did the same things that Dan & I did, doing our small part to keep things as safe as possible for all concerned. (All drivers? Fine. All cars? Well, suffice to say we didn't see them racing Sunday, maybe next year)

Not all incidents are this drastic, and the damage isn't always obvious. See photo left.

Nice oil trail, right?

This driver came around the curve at 17 too hot. Hit the curb on the driver's left, destroying the front left wheel and causing him to lose control of his steering. Veered into the grass, then grazed a jersey barrier that protects a marble monument (which got hit a few years ago, but that's another story). He bounced back onto the track -- we were all afraid he'd flip over, but he didn't -- and coasted into 18 on reduced power somehow, leaving this oil trail; it looks like his oil pan got shredded during one of the collisions.

We were able to let Able know, so that they could make sure that the drivers for the next sessions know that there was "debris" on the track at the entrance to our corner (18 is one of the areas where drivers who have a mechanical problem can safely pull off the track) and be prepared for it... and let the Coarse Crew know that they'd need to get out there with some oil-dry (what they jokingly refer to as 'kitty litter' -- which can be used in a pinch, incidentally) to clean up the oil slick as best they could. After this session, the car was taken by a wrecker back into the paddock, and not more than 10 minutes later, the Coarse Crew had most of the oil safely cleaned up.

There were a few other incidents around the track on Saturday and Sunday. But things ran smoothly, for the most part, with a minimum of delays. Why? Because the corner workers and race control knew what was going on, and didn't have to guess, or delay things out of a sense of precaution.

Amateur Radio operators volunteer at a lot of public service events. Be it providing information on runners or joggers with issues during a charity run, flat tires and other incidents on a bike race... well, you get the idea. Sure, many of us do this just for fun, and many of this due it for practice, so that we'll have the experience to know what

to do if and when (and hopefully never) a real disaster or emergency occurs.

If you've never participated in one, though, you may not know what we do. We keep the organizers informed, and we do so in such a way that they can concentrate on what they are doing.

Some of those keyboard commandos simply don't grasp it. Or simply don't believe that in today's day and age that it's still necessary. So I figured, instead of telling them... I'd show them.

(Just don't ask about the pink flamingos at Corners 15 – 19A. It's a flagger thing)



ARRL Urges Regulatory Regime To Keep Non-Amateur Satellites Off Amateur Spectrum

American Radio Relay League

Newington, CT, July 10th, 2018 -- ARRL wants the FCC to facilitate bona fide Amateur Satellite experimentation by educational institutions under Part 97 Amateur Service rules, while precluding the exploitation of amateur spectrum by commercial, small-satellite users authorized under Part 5 Experimental rules. In [comments](#) filed on July 9th in an FCC proceeding to streamline licensing procedures for small satellites, ARRL suggested that the FCC adopt a "bright line test" to define and distinguish satellites that should be permitted to operate under Amateur-Satellite rules, as opposed to non-amateur satellites that could be authorized under Part 5 Experimental rules.

"Specifically, it is possible to clarify which types of satellite operations are properly considered amateur experiments conducted pursuant to a Part 97 Amateur Radio license, and [those] which should be considered experimental, non-amateur facilities, properly authorized by a Part 5 authorization."

ARRL said it views as "incorrect and overly strict" the standard the FCC has applied since 2013 to define what constitutes an Amateur Satellite, forcing academic projects that once would have been operated in the Amateur Satellite Service to apply for a Part 5 Experimental authorization instead. This approach was based, ARRL said, on "the false rationale" that a satellite launched by an educational institution must be "non-amateur" because instructors were being compensated and would thus have a "pecuniary interest" in the satellite project. ARRL said well-established Commission jurisprudence contradicts this view.

ARRL told the FCC that justification exists to expand the category of satellite experiments conducted under an Amateur Radio license, "especially those in which a college, university, or secondary school teacher is a sponsor." But, ARRL continued, a compelling need exists to discourage Part 5 Experimental authorizations for satellites intended to operate in amateur allocations by non-amateur sponsors, "absent compelling showings of need."

"There is no doubt but that Amateur Radio should be protected against exploitation by commercial entities, and there should be a compelling justification for a Part 5 Experimental license issued for a satellite experiment to be conducted in amateur spectrum," ARRL said. "A defining criterion for this latter category should be that there is no other spectrum practically available in lieu of Amateur Radio allocations."

ARRL noted that International Amateur Radio Union ([IARU](#)) policy regarding satellites operated in Amateur Radio spectrum is only to coordinate satellites where licensees and control operators are radio amateurs and having a "mission and operation" consistent with the International Telecommunication Union ([ITU](#)) Radio Regulations' definitions of the Amateur and Amateur-Satellite services.

Resolution 659, adopted at World Radiocommunication Conference (WRC) 2015, included protective language against non-amateur satellites operating in Amateur-Satellite spectrum, and the exclusion of any amateur bands from spectrum that might be considered at a future WRC for allocation to the Space Operation Service.

IARU announced in 2017 that it would no longer coordinate non-amateur satellite operations and adopted new satellite frequency coordination guidelines. Under that policy, educational and university satellites may be coordinated only when an identified amateur component exists, and the mission is to teach and train students in satellite communication and building and launching satellites. The individual responsible for the satellite's communications must be an Amateur Radio licensee. IARU will also continue to coordinate space stations operating under an amateur license and having "a clear amateur mission," as well as satellites where a licensing administration directs the use of an amateur band.

ARRL asserted that incorporating Amateur Radio in experiential learning using small satellites — e.g., CubeSats — is good for Amateur Radio, for students, and for the advancement of technology, and it urged the FCC to adopt a regulatory paradigm that encourages this approach.

AMSAT-NA [also filed comments](#) in the proceeding. The AMSAT remarks reflect several of the same concerns expressed by ARRL, including the suitability of authorizing certain satellites built by universities and non-profit organizations in the Amateur Satellite Service, and expressing opposition to satellites licensed as experimental under FCC Part 5 rules operating in the Amateur Satellite bands.

Interested parties may file reply comments in the proceeding, IB Docket No. 18-86, by August 7th, 2018.

Parity Act Options Open Despite Setback

American Radio Relay League

Newington, CT, July 25th, 2018 — ARRL Hudson Division Director and ad hoc Legislative Advocacy Committee Chair Mike Lisenco N2YBB, says removal of [Amateur Radio Parity Act](#) (HR 555) language from the National Defense Authorization Act (NDAA) [Conference Report](#) this week was unfortunate, but does not kill the initiative. The Parity Act would ask the FCC to grant radio amateurs living in deed-restricted communities the right to install effective outdoor antennas. Lisenco said today that while the language was removed from the final NDAA [Conference Report](#), other viable options remain to see the Parity Act succeed.

"We were disappointed the Parity language didn't survive the conference process, but we do have other House-passed legislative vehicles that contain the language, including the Financial Services & General Government Appropriations bill, which funds the FCC," Lisenco said.

"We have always known that getting this legislation across the finish line was going to take a lot of effort," Lisenco said. "The legislative process is sometimes frustrating for ARRL members, but there is a way that our membership can be directly involved," Lisenco explained. "By contacting your Representative and Senators and telling them you want their support for the Amateur Radio Parity Act, you can help lend thousands of voices to echo the work of the ad hoc Legislative Advocacy Committee on Capitol Hill," Lisenco urged.

"It's not unusual for legislation to stall in Congress. To remove the logjam, we need our elected representatives in both chambers to know how much of a priority this bill is for our avocation," Lisenco explained. "The continued active support of ARRL members is critical in order to do that."

Lisenco said that Senator Bill Nelson (D-FL) has been the lead obstructionist during several stages of efforts to enact the Amateur Radio Parity Act, which has passed the US House of Representatives four times. Lisenco further added that Nelson's opposition makes no sense as Florida desperately needs effective Amateur Radio disaster communications during hurricanes, and hurricane season is rapidly approaching.

ARRL General Counsel Chris Imlay said the House-passed version of the NDAA included the Parity Act language, but the Senate bill did not, and a House-Senate conference committee had to resolve a variety of differences in the two passed bills. He said the Senate Armed Services Committee Ranking Member was one of the "Big Four" who would have had to agree to keep the Parity Act in the final NDAA [Conference Report](#), but unfortunately, he deferred to Nelson on the matter; without Senator Nelson's inexplicable opposition to our bill, it would have passed Congress long ago.

Imlay has assured ARRL members that the Parity Act would be beneficial to the many thousands of Amateurs now living in deed-restricted communities, as it would allow those hams to erect effective outdoor antennas notwithstanding the preclusive language of covenants or homeowner association (HOA) regulations.

"That is the principal benefit of this legislation," he said. "As I see it, without the Parity Act, Amateur Radio will, over a relatively short period of time, face death by a thousand cuts, as more and more communities are subject to private land use regulations that prohibit antennas entirely."

Lisenco said it was important to keep the legislative efforts in context. "A decade ago, our bill was being introduced every 2 years and gathering less than 2 dozen cosponsors before being forgotten and tossed in the heap. Since we've created the ad hoc Legislative Advocacy Committee, we have seen the bill pass the House of Representatives four times in less than 2 years and come within a hair of the President's desk," Lisenco continued. "Momentum is clearly on our side, and the wind is at our backs. We need our membership's active engagement to provide that final push to propel the Parity Act across the finish line."



K3VR Settles Case, Fined \$7000, Faces Restricted Privileges

American Radio Relay League

Newington, CT, July 4th, 2018 — The US Department of Justice and the FCC have reached a settlement with Brian Crow, K3VR of North Huntingdon, PA, to resolve allegations that Crow intentionally interfered with the communications of other Amateur Radio operators and failed to properly identify. The core component of the settlement calls on Crow to pay \$7,000 to the US Treasury, the FCC and US Attorney for the Western District of Pennsylvania Scott W. Brady announced in separate July 3rd news releases. In addition, Crow's Amateur Extra class license will be restricted to Technician class privileges for 6 months, and he has agreed to discontinue contact with the individuals involved in this case. Crow's Amateur Extra privileges will be restored after 6 months, "if no new violations have been found," the FCC said.

"Amateur Radio licensees know that the rules require them to share the airwaves, which means that bad actors cannot plead ignorance," FCC Enforcement Bureau Chief Rosemary Harold said in the [FCC release](#). "This settlement is a significant payment for an individual operator, and it sends a serious message: Play by the rules in the Amateur Radio band[s] or face real consequences. We thank the US Attorney's Office for understanding the importance of this type of case and pushing it forward to ensure a resolution that included strong penalties for substantial violations of the law."

The settlement resolves a civil complaint (USA v. Brian Crow [No. 17-595]) in Federal District Court for the Western District of Pennsylvania to recover an unpaid \$11,500 fine that the FCC imposed on Crow in a 2015 [Forfeiture Order](#).

"Allowing licensed Amateur Radio operators the freedom to converse with others in an orderly fashion and without unwanted disruption is one of the missions of the FCC," Brady said. "This complaint identifies one such individual who intentionally interfered with other law-abiding Amateur Radio operators."

The FCC recounted in its *Forfeiture Order* that it had responded in March 2014 to "several complaints of intentional interference" on 14.313 MHz, and that Commission agents used radio direction-finding techniques to determine the transmission sources. According to the court complaint against Crow, FCC agents tracked transmissions to Crow's residence and monitored them for approximately 3 hours and heard him transmit slow-scan television (SSTV) signals and a prerecorded voice transmission of another Amateur Radio station on the frequency.

The FCC said it worked with Brady's office to craft the agreement with Crow arising from its *Forfeiture Order* "that found his behavior violated the Communications Act and the Commission's rules."

According to Brady's office, the claims that the settlement resolves "are allegations only, and there has been no determination of liability."



FCC Proposes \$18,000 Fine In Louisiana Interference Case

American Radio Relay League

Newington, CT, July 25th, 2018 — The FCC has issued a *Notice of Apparent Liability (NAL)* proposing to fine Jerry W. Materne KC5CSG, of Lake Charles, LA, \$18,000 "for apparently causing intentional interference and for apparently failing to provide station identification on amateur radio frequencies," the FCC said.

"Mr. Materne was previously warned regarding this behavior in writing by the Enforcement Bureau and, given his history as a repeat offender, these apparent violations warrant a significant penalty," the FCC said in the *NAL*, released on July 25th.

In 2017, the FCC received numerous complaints alleging that Materne was causing interference to the W5BII repeater, preventing other amateur licensees from using it. In March 2017, the repeater trustee banned Materne from using the repeater.

Responding to some of the complaints, the Enforcement Bureau issued a *Letter of Inquiry (LOI)*, advising Materne of the allegations and directing him to address them. Materne denied causing interference but admitted to operating simplex on the repeater's output frequency. In June 2017, the FCC received an additional complaint alleging that Materne had repeatedly interfered with an attempted emergency net that was called up as Tropical Storm Cindy was about to make landfall. The complaint maintained that Materne "repeatedly transmitted on the repeater's input frequency, hindering the local emergency net's ability to coordinate weather warnings and alerts on behalf of the National Weather Service," the FCC said in the *NAL*.

Local amateurs were able to track the interfering signal to Materne's residence and confirmed their findings to the FCC, prompting a *Warning Letter* advising Materne of the complaint and pointing out that his behavior "as described in the complaint would be a violation of Section 97.101(d) of the Commission's rules." Materne responded to the *Warning Letter* to argue that it was legal to transmit on the repeater's output frequency, further stating that "he was tired of this trash harassing me," the FCC said.

In the wake of further complaints, FCC agents visited Lake Charles, tracked transmissions on 146.130 MHz to Materne's residence, and monitored them for up to 7 hours. The agent reported hearing Materne "playing music on 146.130 MHz and warning other amateur operators that the local Amateur Radio club would not be able to conduct their net later that day."

That evening, the agent watched as Materne drove to a location near the W5BII repeater, where, the agent said, Materne "began transmitting an amateur digital radio signal from a hand-held radio in his vehicle," disrupting the net and failing to identify. Subsequently, the agent, accompanied by a deputy from the Calcasieu Parish Sheriff's Office, approached Materne's vehicle and confirmed that he possessed a radio capable of operating on 146.130 MHz. "Audio recordings captured by the agent demonstrate that the intentional interference ceased as the agent and the Sheriff's deputy approached Mr. Materne's vehicle," the FCC said in the *NAL*.

The FCC said that based on the evidence before it, Materne "apparently willfully violated Section 333 of the Act and Section 97.101(d) of the Commission's rules by intentionally interfering with other licensed amateur communications," and that he "apparently willfully violated Section 97.119(a) of the Commission's rules by failing to transmit his assigned call sign."

"[W]e find that Mr. Materne's apparent repeated, intentional, and egregious apparent violations of Section 333 of the Act and Section 97.101(d) of the Commission's rules warrant an upward adjustment of \$10,000 to the proposed forfeiture," the FCC said. "In applying the applicable statutory factors, we also consider whether there is any basis for a downward adjustment of the proposed forfeiture. Here, we find none."



Significant Changes In Store For FT8 & MSK144 With WSJT-X 2.0

American Radio Relay League

Newington, CT, July 25th, 2018 — [WSJT-X](#) co-developer Joe Taylor K1JT, has announced that major changes are coming to the FT8 and MSK144 digital protocols when [WSJT-X](#) version 2.0 arrives in a few months. Taylor said version 2.0 should be ready for prime time by January.

"Much of the necessary programming is finished," Taylor said in a post to the Packrats reflector. "Many of the new features have been tested on the air, and we find them to work well."

Taylor was quick to point out that the new capabilities are not yet publicly available, not even in beta form. He said that he, Steve Franke K9AN, and Bill Somerville G4WJS, have been developing "enhanced versions of the MSK144 and FT8 protocols that extend the message payload to 77 bits."

"Don't rush to download something," he cautioned. "There is more testing and code optimization to do." He said current plans call for a beta-testing period "probably starting in mid- to late September," with a full release "possible a couple of months later."

Taylor ticked off a few possibilities [WSJT-X](#) version 2.0 will bring to the table:

- ARRL Field Day operation with standard Field Day exchanges.#
- ARRL RTTY Roundup operation with standard contest exchanges.#
- North American VHF contest operation with full support of grid exchanges and Rover (R) call signs.#
- European VHF contest operation with the exchange of six-digit grids, QSO serial numbers, and portable (P) call signs.#
- Better and more user-friendly support for compound and nonstandard call signs.#
- A special "telemetry" message format for exchanging arbitrary information up to 71 bits.#
- Support for the existing "FT8 DXpedition Mode," with a more powerful DXpedition Mode possible too.#

"All of these features work seamlessly and automatically," Taylor said. "No 'contest mode' checkboxes are needed. In most situations, decoding sensitivity will be slightly better than at present for FT8; for MSK144 it will sometimes be about 0.5 dB worse. Occupied bandwidths will be the same as they are now, and false-decode rates will be significantly lower."

Taylor said [WSJT-X](#) version 2.0 will be available in time for users to digest the new documentation and to practice it before actually getting on the air with it, but he offered one important caveat. "The new protocols cannot be backward compatible with the existing ones," he said in his post. "We will probably provide some temporary 'bilingual' capability for FT8, but not for MSK144. It will be essential for users to upgrade to version 2.0 in order to use the new features and communicate with others who have made the upgrade."

Taylor promised "plenty of advance notice" about the transition period and a must-upgrade-by date.

If you worked one or more of the **Y8** stations in the 2018 WRTC, do NOT send QSL cards until further notice.

According to David Siddall K3ZJ:

"Because almost everybody of the organizing committee and the volunteers have a normal life after WRTC, we ask for your patience that all the QSLing still needs some weeks to be completed. Many thanks.

Paper QSL -- Right now we are preparing a procedure to bring the QSL cards to you. We will not automatically QSL all QSOs with the Y8 callsigns with paper cards because it will cause a very high traffic in the QSL bureau and will create a lot of returning cards. Everybody who wants to have a paper QSL card, will get one. Therefore we will provide an easy form on our website where you can tell us your wish for QSL cards."

DX News Briefs



N1DG reports **KH1/KH7Z** is now active on OQRS. A "Clean" log including 435 missing QSOs has been uploaded. An article, with pictures, about the recent Baker Island DXpedition can be found at <https://www.naia.com/fi/blog/dexpedition-baker-island>

R3IW is now QRV as time permits as **RI1ANW** through March 2019. QSL via RN1ON

YO5BIM will be QRV as **P29VIM** through 13 August, 160 – 6 (but primarily 80 & 40), CW & SSB. QSL via YO5BIM

DL7JLL will be QRV from multiple islands in Tonga as **A35JLL** in August & September. QSL via DL7JLL

SP9DLM will be QRV as **4S7DMG** from AS-003 6 14 August, on 40 20 15 & 10 meters. QSL via SP9DLM

HC1HC/8 will be QRV from SA-004 7 – 10 August, primarily 30 17 & 12 meters, possibly 6, using FT8 and CW. QSL via NE8Z.

ZL1BQD will be QRV as **A33RR** from OC-049 and possibly OC-063 8 – 17 August, 160-10, primarily FT8 and JT65, as time permits. QSL via ZL1BQD

A group of operators will be QRV from OC-114 as **TX5T** 13 -22 August, 160-6 using CW SSB RTTY and FT8. More information at <http://australs2018.com>. QSL via MØURX

V47FWX will be QRV from NA-104 18 – 25 August, holiday style on various HF bands. QSL via MØURX

OE3DEC will be QRV from AS-013 as **8Q7EC** 14 – 23 September, holiday style on various HF bands. QSL via OE3DC or the bureau

HA3JB will be QRV as **8Q7IP** from AS-013 19 – 30 September, 80-10 on CW, SSB, RTTY and FT8. More information at <http://ha3jb.com/index.html> QSL via HA3JB.

SV5/HB9OAU will be QQRV from EU-001 8 – 20 September, 80 – 10, SSB and FT8. QSL via HB9OAU

SV8/DL7DF will be QRV from EU-052 1 – 15 October, 80 – 10, CW SSB & RTTY. QSL via DL7DF

N2HX will be QRV as **PJ7PL** 20 October – 4 November, 30 – 10, SSB & RTTY with possibly some FT8. QSL via N2HZ or WA1ZAM

MØDXR will be QRV as **GD9W** during the CQWW DX SSB contest 27 - 28 October. QSL via MØDXR

Special Event Station **I18MQP** will be QRV 1 – 6 November, to commemorate I2MQP(SK). QSL via IZ8EDJ

QSL Routes

3Z1K via SP1KRF	EM7U via UR7UT	R75WKB via R5WW
4U1WB via KK4HD	GJ3RCV via G4DFI	RO75NN via R2EA
5B4ALX via IZ4AMS	HA7A via HA5MK	SF15ØPN via SM6VVT
5B4AMM via UT5UDX	HB3ØOK via HB9OCR	SP3ØØPAF via SP5PSL
9A1WFF via 9A2MF	HB9BIPI via HB9EUD	SP3Ø9PAF via SP5KCR
9M4DXX via JAØDMV	II2RR via IK2VUC	T88LR via JA1LRV
9X9PJ via N4GNR	IO9Z via IT9DSZ	TM2BZH via F6CNM
BW9W via BV2KI	IQØRU via 9A5URI	TM85TF via F6KUF
CR5F via CT1EHX	LC9S via LA9GSA	UX7U via UX7UA
DP7X via DL6IAK	LMØPOMOR via LA2K	UZ3A via UX1AA
E29AJ via HS8JCV	LZ38ØPM via LZ1KCP	V6J via JP3AYQ
EG3RRC via RZ3EC	OC8FWC via OA4O	YJØGA via ZL3GA
EG8RTF via EA8URE	OHØX via OH2TA	VP8EME via VP8ALJ
EJØDXG via MØOXO	OH1X via OH3RM	YP1ØØØLEANY via YØ6KNE
EL2EF via NR6M	OJØC via OH3JR	Z66X via OH2BH
EM25URD via UR7UT	OK5T via OK1VSL	
	PJ2Y via AB8YK	

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.



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- * ICOM ID-800 2 M/70 cm FM/D-STAR. \$250 shipped from TX
- * MFJ Noise Canceller. \$85 shipped from TX
- * Outbacker 80 – 10 M mobile antenna, WITH the Tripod base. \$250 shipped from TX

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73, Greg NB3C/5, kq3dx@hotmail.com

JSC ARC W5RRR

W5RRR, the Johnson Space Center Amateur Radio Club (JSCARC), is on the air as part of the NASA on the Air (**NOTA**) year-long special event — one of 12 NASA ham club stations participating in the event, which celebrates significant NASA milestones as the agency observes its 60th anniversary.

This week, JSCARC members will focus operations on 80, 40, 20, 15, and 10 meters, as well as on satellites. A commemorative 1958 vintage vacuum tube vintage station will be activated. It pairs a Johnson Ranger transmitter and Courier amplifier with a Hammarlund HQ-145C receiver, courtesy of Kenneth Goodwin K5RG, a JSARC member.

"This station will be used to make CW, SSB, and AM QSOs," Keith Brand, WD9GET, said. "In addition, our other shack radios will use SSB, FT8, FM, CW, and SSTV to make contacts on all bands."

A special 60th anniversary QSL card — designed by AB5SS — will be available with an SASE for contacts made only to JSC Amateur Radio Club, 2101 NASA Rd. 1 M/C AW7, Houston, TX 77058. A certificate is available for top stations that work modes and bands across the NOTA NASA centers



FCC News

Courtesy of the American Radio Relay League

Newington, CT, July 12th — A California man embroiled in a long-running license renewal proceeding has lost the next step in his fight to remain a radio amateur. In a July 9th **Order**, FCC Administrative Law Judge Richard L. Sippel terminated the decade-old license renewal application of William Crowell W6WBJ (ex-N6AYJ), of Diamond Springs, California, upon a motion by Enforcement Bureau Chief Rosemary C. Harold. Sippel's **Order** followed Crowell's refusal to appear in Washington, DC, for a hearing to consider not just his license renewal but related enforcement issues dating back 15+ years.

"Crowell's decision not to appear at the hearing has the same practical effect as if he had initially failed, pursuant to Section 1.221(c) of the Rules, to file a written notice of appearance or otherwise signal his intent to participate in the hearing on his pending renewal application, i.e., he has waived his right to prosecute that application," Harold said in the Enforcement Bureau's June 12th motion to dismiss Crowell's license renewal application.

In his **Order**, Sippel said he agreed with Harold's determination. Crowell had asserted that the FCC was obliged to hold field hearings in the city nearest to a licensee's residence, but Sippel said that was incorrect. Crowell invoked financial hardship rules, but Sippel said those would not apply in an Amateur Radio case. Dismissal of the renewal application was "with prejudice."

It has been 10 years since the FCC set Crowell's license renewal application for hearing, which was to center on whether he had violated FCC Part 97 rules in the early 2000s, in part by causing intentional interference, transmitting music, and "using indecent language," and whether he was qualified to have his renewal application granted.

Crowell raised the lengthy delay in his **response** to Harold's June 12th motion. "The more-than-10-year delay in holding a hearing herein (that's only since the **Hearing Designation Order** [was] issued; the pre-HDO part of the case goes back to 2000) violates my administrative due process rights," claimed Crowell, who is an attorney.

Crowell further claimed that most of the witnesses who might testify at a hearing are now deceased, and "the evidence is terribly stale." He said the Enforcement Bureau "has no excuse for not having taken this case to a hearing at a much earlier date, and, at this point, my ability to elucidate the truth has been fatally compromised."

Crowell was fined \$25,000 in 2016 for intentionally interfering with the transmissions of other radio amateurs and transmitting prohibited communications, including music. The FCC said Crowell did not deny making the transmissions but argued, in large part, that those transmissions were protected by the First Amendment of the Constitution. The FCC turned away that assertion.

Sippel said he had stayed the renewal case on the basis of the pending **Forfeiture Order** proceeding, but said he was later informed that the US Department of Justice had decided not to prosecute the case.

According to a July 13 **article** in the *New York Post*, **RadioShack** is planning to open "express stores" within **HobbyTown USA** locations. The nearly century-old, twice-bankrupt retailer has signed a deal with HobbyTown USA to put a mini-RadioShack outlet in some 50 HobbyTown USA stores across the country that would sell items that might appeal to radio amateurs and experimenters. Those locations will be identified with RadioShack signage. HobbyTown markets remote-controlled cars and boats as well as drones and other hobby-related merchandise.

RadioShack shuttered all of its company-owned retail outlets. HobbyTown USA has 140 retail outlets, and, according to the *Post* article, RadioShack eventually could carve out a presence — on the order of 500 square feet — in all of them. HobbyTown USA stores in Parker, Colorado, and Mooresville, North Carolina, will be among the first to host RadioShack express stores.

"HobbyTown is purchasing the RadioShack merchandise and offering it to its hobbyist customers who need the tools, wires, and other accessories that RadioShack makes," the *Post* article said.

The article quoted Steve Moroneso, chief executive of General Wireless Operations Inc. — an affiliate of hedge fund Standard General which acquired RadioShack in 2015 — as saying that RadioShack's strategy now is not to own brick-and-mortar stores. .

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Vendor Setup prior to 8:00 AM

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



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Other Prizes To Be Announced

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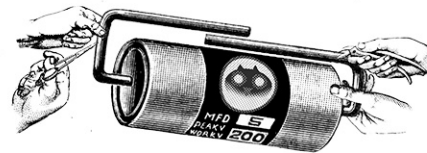
The Daily DX, 3025 Hobbs Road,
Glenwood, MD 21738 Phone: 301-854-5650



Arghh!
What Mightst We Draw For Ye, Matey?



HANDMADE BY GNOMES.

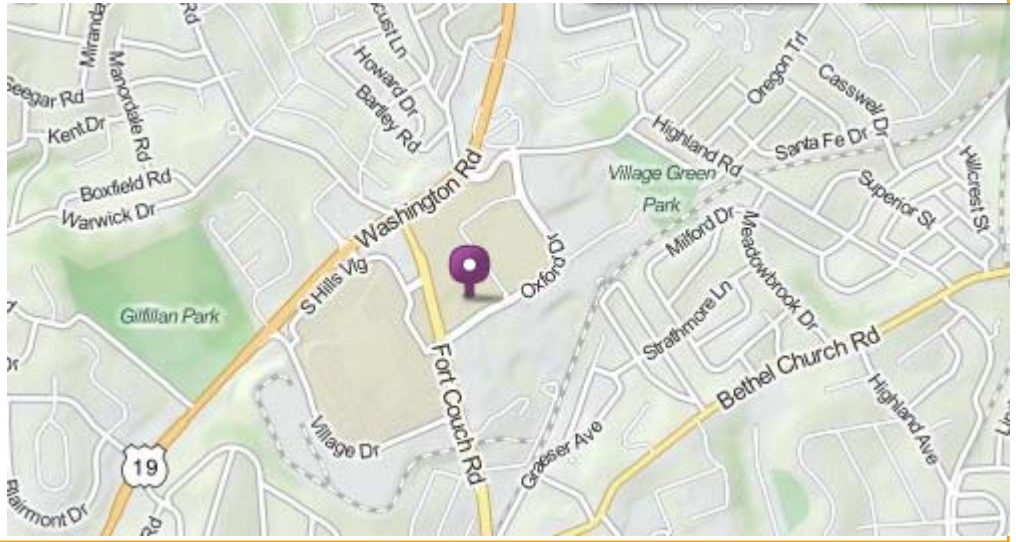
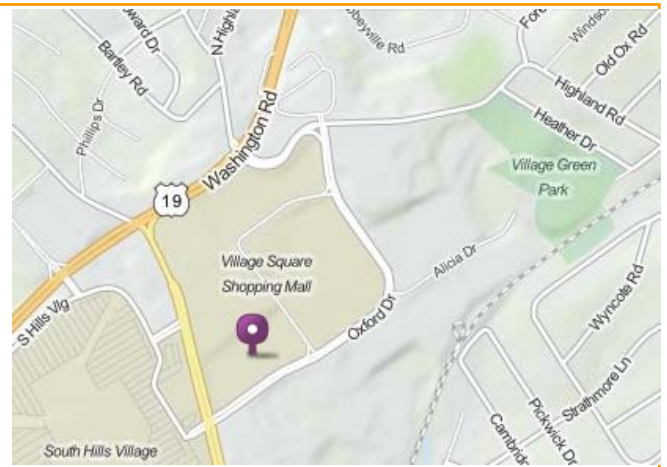


2018 WASH Meeting Location

St. Clair Hospital Outpatient Center Conference Room

2000 Oxford Drive, Bethel Park PA 15102

Adjacent to Village Square Mall, across Ft. Couch Road from
South Hills Village Mall, just off of US Route 19



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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