



WASHRAGTM



VOLUME 16
ISSUE 08
AUGUST 2014

Wireless Association of South Hills



N3SH WA3SH NP2SH/B www.n3sh.org www.washarc.org



WASHRAG™



VOLUME 16 ISSUE 08

AUGUST 2014

Next Monthly Meeting: August 14th, 2014

The next meeting of the [WIRELESS ASSOCIATION OF SOUTH HILLS, INC.](#) will be on **Thursday, August 14th 2014**, at the [King's Family Restaurant](#), 155 McMurray Road, Upper St. Clair (map on the back page), starting at 7:00 PM. (Coffee at 6:30 PM)

Summer Picnic, Pennsylvania QSO Party, the ongoing Arduino & Raspberry Pi Workshop(s), and other plans for the rest of the year will be amongst the topics. See you there!

Cover Photo: Well, just one more N3SH Field Day 2014 picture... Larry K3VX & Sean N3NWR setting up the 40 meter vertical, Saturday morning, in the field behind Outlook Grove in South Park

Photo courtesy of & © Copyright 2014 Ron Notarius W3WN

WASH 2014 OFFICERS

EXECUTIVE COMMITTEE:

President	Carol Danko KB3GMN
VP / Secretary	Ben Williams KB3ERQ
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	Glen Roberts KE7FD
WASHfest 2015 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	Ron Notarius W3WN
Field Day 2015 Coordinators	Larry Comden K3VX
	Rick Bell KB3IAC

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 **Sunday** Night, 9:00 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)**

Published Monthly with occasional Special Editions as warranted.

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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 16th

The Next WASH VE exam sessions will be **Thursday**, October 16th, 2014, 7:00 PM, at **WPXI TV Community Room**, 4145 Evergreen Road, Pittsburgh, PA. Talk-in on the 146.955 MHz and 443.650 MHz repeaters. All examiners are ARRL VEC affiliated.

Walk-ins are welcome, although, **pre-registration is preferred** to ensure that we have tests and other materials available for all candidates. If you plan on attending the test session, please contact VE Team Liaison 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 22nd, 2015

Location: **WASHFest 2015**

Carol's Comments

Now that Field Day is over, we can get ready for the Pa QSO Party. I am also looking forward to the September picnic & Fox Hunt. It will be at the Outlook Grove in South Park on the 14th of Sept. We hope everyone can make it.



Rick does a nice a nice job as always putting the Fox Hunt together! I am waiting to hear from WACOM to see how they will join in the hunt.

Our next meeting, as of now, will be at Kings Restaurant, same as last month. I will have the club jackets for those who didn't already get them at this meeting for pick-up.

See you on the 14th.

— 73, Carol Danko KB3GMN
President, Wireless Association of South Hills, Inc.
N3SH / WA3SH / NP2SH/b

John Rodgers
N3MSE
announced
that he will
not seek re-
election to
another term
as ARRL WPa
Section
Manager.

Bill Edgar
N3LLR is
retiring as
ARRL Atlantic
Division
Director.

We are hoping
to get
statements
from all of
the
candidates
for these
offices to
print in an
upcoming
issue, prior to
the actual
elections.

Saturday, July 26th was roughly the half-way point in the summer, as kids goofed off, and parents began hitting the stores for the Back-To-School-Early-Bird specials. What better time for the monthly gathering of **the WASH Breakfast Gang** at **Suzie B's**, Route 910 at the intersection of Route 519 at US 19 in Canonsburg. This month's group included WB4GCS, KC4WTT, N3BPB, W3PLP, N3TIR, K3SGT & Barb, N3FB, KB3GMU, N3SAR & W3WN. Several of the new club jackets were distributed, and coffee and conversation flowed. Topics of discussion included N3MSE not running for re-election, W3PLP running for WPa SM, N3LLR retiring, remembering K3SMB, Repeater Council elections and related meeting notes, hosting the WPa Section Convention, writing articles, ARRL, PVGP & scheduling SWPa hamfests the same weekend, driving ages, drinking ages, breakfast locations... and a whole lot more, of course.

Our next gathering will be on Saturday, August 31st, during Labor Day weeknd, as usual at **Suzie B's**, Route 910 at the intersection of Route 519 at 19, Canonsburg. Our "usual" tables will be reserved, but please let Jim WB4GCS know ahead of time. See you there?

Once again, the **August meeting will be held at King's Family Restaurant**, 155 McMurray Road, Upper St. Clair. (We've met there from time to time before, including earlier this year when inclement weather closed the church. We have the "back room" reserved again; meeting should start at 7 PM, but you are more than welcome to come a little early for a cup of coffee or a nosh, or even bite to eat. Current plans are, the **September meeting** will be our annual **End-Of-Summer Picnic & Fox Hunt**, which will be held at Outlook Grove in South Park on Sunday, September 14th. We hope to have all the details ironed out for our regular meeting location, at **St. Clair Hospital's Outpatient Center in Bethel Park**, starting with the October meeting. Thanks for your patience on this... nothing worthwhile ever comes easy, does it?

October also hosts the annual **Pennsylvania QSO Party**. This is about the time that teams from the club & individual ops start making their plans. Got any plans to participate? It's loads of fun! Let one of the teams know if you're interested in participating... regardless of your license class or experience level. (How else can you learn?)

Usually in this place we have news about the last **WASH VE Exam**, usually good news about our candidates. Well... as you may have heard, things took an odd turn in July. We had four candidates, three of whom qualified for new licenses... or so we thought. As it turns out, a combination of small errors added up to a big problem. Seems that all of our Tech exams expired on July 1st. We should have been restocked, but, well, some things happened, and one thing led to another...

So, since none of the Tech tests were valid, our candidates technically didn't pass anything. Since the problem came to light, though, the small oversights have been taken care of, and we've **been restocked** with the updated Tech tests. We know that one of our candidates has since passed his tests at the North Hills Hamfest VE exam last month, two others were due to be retested at the NHARC exam this month, and we are making arrangements with our last candidate to get him retested. (Due to the nature of the situation, none of our candidates were required to pay another testing fee for the retests).

Once everyone has been taken care of, we hope to have good news to report next month.

It's very easy to say "stuff happens", but no one likes it when it happens on their watch, regardless of who is at fault. All we can do is apologize, make amends, & try to do better next time so it doesn't happen again.

Our thanks to VE's Rich N3SBF, Glen KE7FD & Rich N3SBF for their efforts and assistance on July 17th.

WASHNet 2014 NCS Schedule

08/17/2014	Fred KB3DCO	10/26/2014	Dave N3DFK
08/24/2014	Glen KE7FD	11/02/2014	Carol KB3GMN
08/31/2014	Sean N3NWR	11/09/2014	Rick KB3IAC
09/07/2014	Sean N3NWR	11/16/2014	Sean N3NWR
09/14/2014	Carol KB3GMN	11/23/2014	Fred KB3DCO
09/21/2014	Fred KB3DCO	11/30/2014	Glen KE7FD
09/28/2014	Bob AB3ED	12/07/2014	Bob AB3ED
10/05/2014	Bill W3WH	12/14/2014	Rick KB3IAC
10/12/2014	Larry K3VX	12/21/2014	Larry K3VX
10/19/2014	Harold K3HCR	12/28/2014	Glen KE7FD

Join WASH or Renew your Membership for 2014 Today! Membership Application on Page 15!

Minutes, July 10th Meeting

Ron Notarius W3WN, Acting Secretary, **WASH**

Carol KB3GMN called the meeting to order at 19:30 hours. There were 17 members and guests in attendance.

A moment of silence was observed for recent silent keys & other deserving persons.

Motion to waive reading of the minutes based on the minutes printed in the newsletter by Bill W3WH, second by Dave Rick KB3IAC, passed unanimously.

Committee reports:

Treasurer (N3RDV): A balance on the bank account was read & accepted. Anyone with outstanding Field Day receipts need to get them to Mark.

Secretary (KB3ERQ): No report

VE (W3WN): Next VEC session July 11th at WPXI. We have candidates!

Repeaters (N3FB): "They're repeating." Rick, Frank & Jim are putting together a bill of materials for Phase 4, to link 146.955 & 442.55 MHz.

WASHNet (KE7FD): Schedule has been finished for the rest of the year, and will be posted to the N3SH web site within a few days. (*Now posted*) If you are scheduled as NCS & can't make it, please arrange for a substitute. Please encourage others to be NCS. Glen is still working on the format for the revived digital net.

Field Day 2014 (K3VX, KB3IAC):

- Larry K3VX: The Field Day scores are submitted. N3SH 1A had 450 points. WA3SH 2A QRP had 3550 points.
- Rick KB3IAC: very happy with batteries & solar power. We need to start setting up antennas and the tower trailer earlier, and rethink how many antennas to put on it
- Harold K3HCR: The food was excellent
- General discussion on next year's FD site. Rick will see if we can do a FD op from St. Clair Hospital, with South Park / Outlook Grove as a backup..

Public Service (N3RDV): MS150 was held last month. PVGP next weekend, operators needed.

Ways & Means (KB3GMN): No 50/50 tonight.

Newsletter (W3WN): It's out.

President's Report (KB3GMN):

- Lots of compliments from visitors on Field Day.
- Paul & Miles both really enjoyed FD and have volunteered rigs for 2015.
- Club picnic will be September 14th at Outlook Grove, possibly with another fox hunt. WACOM wants to join us for the fox hunt, details to follow.
- Paperwork for the club trustee changes finally signed, and is going in the mail tonight.

Old Business: Rick KB3IAC:

- We tentatively have an agreement to meet at St. Clair Hospital's Outpatient facility on Oxford Drive in Bethel Park, once some final details and paperwork are worked out.
- We are in the process of acquiring a retired CAP VHF repeater, via St. Clair Hospital, since they are a 509[c] organization.
- A club officer needs to go to AAA to change the Tower Trailer registration from Randy to the club. Carol will take care of this.
- Amy is working on the new club jackets, and will let Carol know when they're ready.

New Business: None

Good of the Order:

- Glen KE7FD asked if anyone is interested in a Summit On The Air operations to Mt. Davis by the end of the summer; contact him if interested.
- Rick KB3IAC said that we have been invited to use Keystone Lodge at the Heritage BSA camp in Uniontown again this year for Pa QSO. Rick will organize that effort. Bill W3WH, Larry K3VX & Harold K3HCR are planning to be on the Franklin/Fulton County Line. Carol KB3GMN & Richie N3SBF aren't sure about Clarion County this year yet.

Motion to Adjourn by Ron W3WN, second by Harold K3HCR and carried.

Meeting adjourned at 20:21 hours.

WASH Spotlight: VE Exam



Several of our candidates at the July 17th VE Exam. Thanks again to Frank N3VFB & WPXI-TV for use of their community room for the exam sessions.

Photo courtesy of & © Copyright 2014 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 **Suzy B'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 & 443.650 for talk-in or any last minute changes. All are welcome, **WASH** members or not, amateurs or not!

Wireless Association of South Hills Membership

AB3ED	KB3GMN	N3FB	WASH FL	WASH OH	Silent Keys
AB3EN	KB3GMP	N3IDH	KA3UPY/M	N8DPW	
AB3NM	KB3GMU	N3NWR	W4ZE	WASH SC	AB3KA
AB3PJ	KB3IAC	N3OVO	WASH GA	N3RNX	K3EED
AC4KU	KB3IVX	N3RDV	K3OL	WASH TN	K3LIE
AE3DL	KB3JHR	N3RHT	KB3IJX	KE3XB	KA3NMG
KØLIN	KB3PSB	N3SBF	WASH NE	N3YPB	KB3ENX
K3AIR	KB3WZT	W3LE	NØPEU	WASH TX	KB3FNM
K3GW	KB3YCX	W3RWS	WASH OR	K3LGM	KB3FQT
K3HCR	KB3YKL	W3VFA	NØVLR	Jane Wagner	N3FZ
K3JDS	KC3ANX	W3WH	NØWPV	WASH VI	N3HKQ
K3LGM	KC3BQI	W3WN	KB3NVL	NP2JF	N3KEH
K3SGT	KC4WTT	W4CKR	KB3NVM		N3OBD
K3VX	KE7FD	WB4GCS			N3SKR
KA3ANU	KJ3D	Darryn Sleeman			N3SRC
KA3RXY	N1NCZ				N3ZEL
KA3TWI	N2QIV				N3XFE
KB3DCO	N3BPB				W3ZLK
KB3ERQ	N3DFK				WA3JPP

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

Through July 30th, 2014
List compiled by
Mark Stabryla N3RDV, Vice President/Treasurer

2014 /15 WASH Upcoming Events Calendar

Meeting Topics & Other Significant Club Events — Subject to Change

August 14 th	WASH Meeting	Kings, 155 McMurray Rd, Bethel Park
August 24 th	Skyview RS Swap'n'Shop	http://www.skyviewradio.net/
August 30 th	Uniontown ARC Gabfest	www.w3pie.org/gabfest.htm
September 7 th	BCARA Swapfest 2014	http://www.w3udx.org/Hamfest.htm
September 13 th -15 th	ARRL September VHF Contest	http://www.arrl.org
September 14 th	WASH Meeting & Family Picnic	Outlook Grove, South Park
October 4 th -5 th	California QSO Party	http://www.cqp.org
October 9 th	WASH Meeting	TBA
October 11 th -12 th	Pennsylvania QSO Party	http://www.nittany-arc.net/PAQSO.html
October 16 th	WASH VE Exams	Community Room, WPXI—TV 11
October 19 th	WPRC Meeting, Altoona	http://www.wprcinfo.org
October 20 th – 24 th	ARRL School Club Roundup	http://www.arrl.org
October 25 th – 26 th	CQ WW DX Contest SSB	http://www.cqww.com
November 1 st -3 rd	ARRL Sweepstakes CW	http://www.arrl.org
November 2 nd	WACOM 2014 Hamfest	http://wacomarc.org
November 8 th -9 th	ARRL EME Contest	http://www.arrl.org
November 13 th	WASH Meeting & Annual Elections	TBA
November 15 th -17 th	ARRL Sweepstakes SSB	http://www.arrl.org
November 29 th -30 th	CQ WW DX Contest CW	http://www.cqww.com
December 5 th -7 th	ARRL 160 Meter Contest	http://www.arrl.org
December 6 th -7 th	ARRL EME Contest	http://www.arrl.org
December 11 th	WASH Meeting	TBA
December 13 th -14 th	ARRL 10 Meter Contest	http://www.arrl.org
December 31 st	Straight Key Night	http://www.arrl.org
February 22 nd 2015	20th Annual WASHFest 2015	Castle Shannon VFD Memorial Hall Library Rd, Route 88, Castle Shannon

HR 4969: The Amateur Radio Parity Act

American Radio Relay League

What is HR 4969?

In June, 2014 with Congressman Adam Kinzinger (IL-16) as the sponsor and Congressman Joe Courtney (CT-2) as co-sponsor, HR 4969 - the "Amateur Radio Parity Act of 2014" - was introduced into the 113th Congress. This bipartisan effort would direct the FCC to extend the "reasonable accommodation" provisions for Amateur Radio antennas to include all types of land-use regulation, including deed restrictions and restrictive covenants.

What will HR 4969 do?

Most importantly, it will ensure that every ham in the US, regardless of the community they live in, will have the opportunity to practice their avocation from their own homes without breaking any rules or fear of reprisal.

If enacted, HR 4969 would direct the FCC to extend the the reasonable accommodation protections to those amateurs who are living in deed-restricted communities. Known as "CC&Rs" (covenants, conditions and restrictions) are the prohibitions and limitations placed on properties by builders or home-owner associations (HOAs) which prevent licensed Amateurs from erecting even modest antennas.

HR 4969 would not give Amateurs "carte blanche" to do whatever they wished. It would require HOAs and other private land use regulations to extend reasonable accommodation to Amateurs wishing to erect antennas.

How can I help to get HR 4969 passed?

The first step in this process is to garner support among members of the US House of Representatives. Each ARRL member needs to contact their member of the US House to state their support for HR 4969 and to ask their Representative to please sign on as a co-sponsor for the bill.

If you have an existing relationship with your Congressperson, try to arrange a meeting with them (usually at their district offices) to express your support for HR 4969.

Write your member of the US House Representatives and ask them to become a co-sponsor for HR 4969. A sample letter can be found [here](#)

When addressing the letter to your Representative, make certain you have included their name and mailing address in the header. add your full name, callsign, and address to the bottom of the letter, and please make certain you have signed your letter. Letters that have not been signed have little benefit.

If you wish to write and sign your letter then send the signed copy to the ARRL as an attachment (PDF or scan) to an email, please send them to n1nd@arrrl.org with the words "HR 4969 letter" in the SUBJECT field of the email.

Where should I send my letter to my Congressperson?

To expedite delivery of your letter once you have printed it out and signed it, you should mail your letter to:

ARRL
Attn: HR 4969 letter campaign
225 Main St
Newington, CT 06111

We are frequently asked why the ARRL asks that letters be mailed to ARRL for delivery instead of simply mailing them directly to the Congressional offices. The answer is two-fold. First, since the 9/11 attacks and subsequent security threats, all incoming mail to Congressional offices is first diverted to a holding area outside of Washington DC. Once at that facility it undergoes a series of scans to test for a variety of problems. Only after it passes the security tests is it forwarded on to Capitol Hill for delivery. The delay in delivery is generally in the 5-7 week range. By mailing the letters to the ARRL, we are able to have the letters hand-delivered to the various congressional offices in a timely manner.

The second reason is just as important. When our Washington team delivers letters to a Congressional office, it provides them an opportunity for at least a brief face-to-face meeting with some of the key staff members in each Congressional office they visit. Each in-person meeting is another opportunity for the ARRL's story to be told – and is another chance to answer questions that may arise.

Most Congressional offices do provide some type of on-line email or web-based form for submitting comments. These too have their place in helping ensure our message is conveyed personally. Just remember when contacting your Congressperson to be Professional, Authentic, and Personal!

Who is my congressman?

You can follow the link at <http://www.arrrl.org/contacting-your-congressional-representatives>. At this time we are asking that you only contact your representative in the US House of Representatives. This bill has not been introduced into the US Senate yet so we are not asking you to contact your Senators right now.

What are the key Talking Points I should know when discussing HR 4969?

Keep these key points in mind if writing a letter to or speaking with your Member of Congress one of the legislative assistants. They will help focus the discussion on HR 4969 and why it is important to you:

- ▶ The American Radio Relay League, Incorporated (ARRL) is the representative of Amateur Radio in the United States. There are more than 720,000 Amateur Radio operators licensed by the FCC. ARRL's membership of approximately 170,000 includes the most active and dedicated Amateur Radio operators.
- ▶ Radio Amateurs (hams) provide, on a volunteer basis, public service, emergency, and disaster relief communications using radio stations located in their residences. Their services cost taxpayers nothing. They are provided at no cost to any served agency or to any government entity. FEMA has stated that when Amateur Radio operators are needed in an emergency or disaster, they are really needed.
- ▶ Served agencies include the American Red Cross, the Salvation Army, the Federal Emergency Management Agency, and the Department of Defense. Disaster relief planning exercises and emergency communications certification courses guarantee trained operators throughout the United States.
- ▶ Land use restrictions that prohibit the installation of outdoor antenna systems are the largest threat to Amateur Radio emergency and public service communications. They are escalating quickly and exponentially. An outdoor antenna is critical to the effectiveness of an Amateur Radio station. Typically, all Amateur Radio antennas are prohibited in residential areas by private land use regulations. In other instances, prior approval of the homeowners' association is required for any outdoor antenna installation. However, there are no standards to determine whether or not approval will be granted by the homeowners' association.
- ▶ Twenty-nine years ago, the FCC found that there was a "strong Federal interest" in supporting effective Amateur Radio communications. FCC also found and that zoning ordinances often unreasonably restricted Amateur Radio antennas in residential areas. The FCC, in a docket proceeding referred to as "PRB-1" created a three-part test for municipal regulations affecting Amateur Radio communications. State or local land use regulations: (A) cannot preclude Amateur Radio communications; (B) must make "reasonable accommodation" for Amateur Radio communications; and (C) must constitute the "minimum practicable restriction" in order to accomplish a legitimate municipal purpose.
- ▶ The FCC did not extend this policy to private land use regulations at the time. However, the Telecommunications Act of 1996 ordered the

Continued on
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H.R. 4969

113TH CONGRESS, 2ND SESSION

To direct the Federal Communications Commission to extend to private land use restrictions its rule relating to reasonable accommodation of amateur service communications

IN THE HOUSE OF REPRESENTATIVES

JUNE 25, 2014

Mr. KINZINGER of Illinois (for himself and Mr. COURTNEY) introduced the following bill; which was referred to the Committee on Energy and Commerce

A BILL To direct the Federal Communications Commission to extend to private land use restrictions its rule relating to reason-able accommodation of amateur service communications.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

SECTION 1. SHORT TITLE. This Act may be cited as the “Amateur Radio Parity Act of 2014”.

SECTION 2. FINDINGS. Congress finds the following:

- (1) More than 700,000 radio amateurs in the United States are licensed by the Federal Communications Commission in the amateur radio service.
- (2) Amateur radio, at no cost to taxpayers, provides a fertile ground for technical self-training in modern telecommunications, electronics technology, and emergency communications techniques and protocols.
- (3) There is a strong Federal interest in the effective performance of amateur radio stations established at the residences of licensees. Such stations have been shown to be frequently and increasingly precluded by unreasonable private land use restrictions, including restrictive covenants.
- (4) Federal Communications Commission regulations have for 28 years prohibited the application to amateur radio stations of State and local regulations that preclude or fail to reasonably accommodate amateur service communications, or that do not constitute the minimum practicable regulation to accomplish a legitimate State or local purpose. Commission policy has been and is to permit erection of a station antenna structure at heights and dimensions sufficient to accommodate amateur service communications.
- (5) The Federal Communications Commission has sought guidance and direction from Congress with respect to the application of the Commission’s limited preemption policy regarding amateur radio communications to private land use restrictions, including restrictive covenants.

SECTION 3. ACCOMODATION OF AMATEUR SERVICE COMMUNICATIONS.

Not later than 120 days after the date of the enactment of this Act, the Federal Communications Commission shall amend section 97.15(b) of title 47, Code of Federal Regulations, so that such section prohibits application to amateur service communications of any private land use restriction, including a restrictive covenant, that

- (1) precludes such communications;
- (2) fails to reasonably accommodate such communications; or
- (3) does not constitute the minimum practicable restriction on such communications to accomplish the legitimate purpose of the private entity seeking to enforces such restriction.

HR 4969

Continued from Page 6

FCC to enact regulations that preempted municipal and private land use regulation over small satellite dish antennas and television broadcast antennas in residences. The FCC found that: (a) it does have jurisdiction to preempt private land use regulations that conflict with Federal policy; and (b) that private land use regulations are entitled to less deference than municipal regulations. This is because the former are premised exclusively on aesthetics considerations.

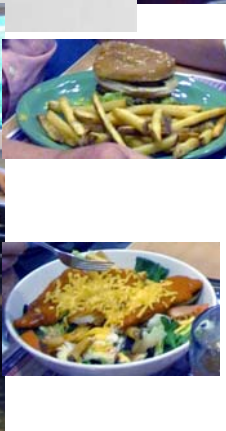
- ▶ ARRL repeatedly requested that FCC revisit its decision and apply its policy equally to all types of land use regulations which unreasonably restrict or preclude volunteer, public service communications. FCC said that it would do so upon receiving some guidance from Congress in this area.
- ▶ The FCC’s Wireless Telecommunications Bureau, in an *Order* released November 19, 1999, stated that the Commission “strongly encourage(s)” homeowner’s associations to apply the “no prohibition, reasonable accommodation, and least practicable regulation” three-part test to private land use regulation of Amateur radio antennas:

“Notwithstanding the clear policy statement that was set forth in PRB-1 excluding restrictive covenants in private contractual agreements as being outside the reach of our limited preemption ...we nevertheless strongly encourage associations of homeowners and private contracting parties *to follow the principle of reasonable accommodation and to apply it to any and all instances of amateur service communications where they may be involved.*” Order, DA 99-2569 at ¶ 6.

- ▶ Pursuant to the *Middle Class Tax Relief and Job Creation Act of 2012*, the FCC conducted a study on “the uses and capabilities of Amateur Radio Service communications in emergencies and disaster relief.” It submitted to the House and Senate a Report on the findings of its study. The FCC docket proceeding created an impressive record demonstrating the severe and pervasive impact of private land use regulations on Amateur Radio emergency communications. The record in the docket proceeding justifies the even application of FCC’s balanced, limited preemption policy to all types of land use regulation of Amateur Radio antennas. The FCC said, in effect, that should Congress instruct FCC to do so, it would expeditiously extend the policy.
- ▶ Therefore, we seek cosponsors for H.R. 4969, a Bill that would provide for regulatory parity and uniformity in land use regulations as they pertain to Amateur Radio communications. It would do so by applying the existing FCC “reasonable accommodation” policy formally to all types of land use regulation. We would ask for your support of this Bill.

"Seen" at the July WASH Meeting

Photos courtesy of & © Copyright 2014 Ron Notarius W3WN



Summits on the Air: Mt. Davis, August 2014

Bill Hill W3WH & Glen Roberts KE7FD

Saturday, August 9th dawned bright and beautiful and the day never changed as it progressed. Glen KE7FD and I W3WH drove up to mount Davis in Somerset County to attempt an activation of one of the many summits on the air around the world. The SOTA program originated in the UK and eventually spread across the Atlantic and elsewhere around the world. In Pennsylvania we have about 200 summits that have been identified and registered with the program as one might expect in Pennsylvania the majority of the summits are east of Pittsburgh as, of course, is Mount Davis.

I don't recall exactly where the idea came from to try a summit on the air expedition but I know it originated from our field day this year. After looking over all the possibilities we agreed on Mount Davis since it is drivable right up to the summit and it's kind of neat being the highest point in Pennsylvania at 3215 feet.

At the summit is a fire tower which is probably 75 feet tall and is accessible to the general public. Glen and I walked up the tower and took quite a few pictures some of which are probably included with this article. After climbing the tower we looked around to pick a spot to set up our station and found a suitable place in a corner of the parking lot where we wouldn't interfere with anyone coming and going yet it was very convenient. We brought along with us and Elecraft KX 3, a Rockmite QRP rig in an Altoid's tin and Glenn's Yaesu FT 857 for digital purposes.



Our antenna was a 55 foot long wire mounted in a sloping configuration using a 16 foot aluminum pole I have around the house to scrub my siding and on top of that we put a collapsible fishing pole which put the whole unit of a bit over 30 feet high. After setting up the KX three connecting the antenna and spreading a few radials around we fired up the KX 3 on 20 m and immediately worked KX 7L in the state of Washington. We were running five Watts through our makeshift sloping long wire and of course we were immediately encouraged. In the next 15 minutes or so we worked I have a dozen or more additional stations around the country.

And we set up the rock might and although we could hear some people we were unsuccessful in working anyone with its less than 1 W output. We will try that again the next time. Then Glen, set up the digital station, and after some initial difficulties, worked a station in Pensacola Florida as well as a Norwegian station. We finished up the day by working several Europeans on CW with the KX 3.

It was definitely an enjoyable day devoted entirely to amateur radio. Of course we talked about our hobby, both to and from Mount Davis. We agreed that we will do it again. Before we try to activate another summit, we hope to set up in a local park to fine-tune things to eliminate setup and teardown time, and increase operating time.

I would highly recommend that if you have a half a day or day that you can devote to ham radio take your rake out to a local park or other location of your choice set it up and call CQ. It's a lot of fun!



*"Seen" at the
2014 PVGCP*

Photos courtesy of & © Copyright
2014 Ron Notarius W3WN



Taming Ethernet Interference to Amateur Radio

James A. Sanford, PE WB4GCS

As previous articles have discussed, I have been working on a system to remote control of my IC-706 MK IIG, other equipment and antenna rotor over ethernet for several years. I used it with an 18-foot vertical antenna just outside the garage where the radio equipment is, and was actually impressed – not only did it work, but it worked *effectively*, even on 75-meters!

One of my test events was to participate in a net with a bunch of folks up and down the East coast on Sunday mornings, on 75. One of the participants lives near DC. With my prior setup, he could never hear me, with the remotd lcom and short vertical, he could hear me, but I could not hear him – very troubling. We speculated about angle of radiation of his new antenna and other things, but I always kind of wondered if I had a local noise problem – hardly a surprise on 75!

Thanks to Glen, who gave me a 30' vertical, and several WASH members who helped me put it up, I am now using a longer antenna at some distance from the house. I can now hear he who I formerly could not. AND, after I put in a bunch of radials, based on a series of articles in QEX (hopefully the topic of another article), they can all hear me quite well – even though the signal goes through 200' of coax to get to the SmartTuner.

Joel Harrison, W5ZN, is an avid contester and VHF/microwave guy. Somewhere along the way, I ran across a reference to an article he wrote about noise from ethernet equipment. I have always wondered if I would have problems with all the network stuff. To be brief, Joel was trying to eliminate birdies on 6-meters, and, in the process of taming his internet equipment, *lowered his noise floor by over 10db!* This got my attention. Joel did this by putting 5 turns of each ethernet cable around a Fair-Rite #43 toroid and 9 turns around a Fair-Rite #31 toroid.

Joel's article can be found at the link below, and if you have *any* wired ethernet equipment in your house, I highly encourage you to peruse this:

<http://www.w5zn.org/files/Slaying%20the%20Grim%20Reaper%20of%20Internet%20Router%20Noise%20on%206%20Meters.pdf>

So, I walked around with my IC-R10 DC-to-daylight receiver and confirmed noise coming from the ethernet connections on my HPSDR unit, the dedicated computer running the HPSDR software, the ethernet switch in the shack, and to a lesser degree, the desktop computer. To make a long story short, I applied Joel's treatment to each end of each ethernet cable in the shack. In a rare flash of scientific rigor, I documented each step and the results.

Photo 01 shows the (ugly!) treatment at the shack ethernet switch. Fortunately, it will be reinstalled on the back of the desk, so the ugliness will be hidden. Photo 02 shows treatment at the dedicated HPSDR computer.

Photo 03 shows the toroids going to the HPSDR radio itself, and Photo 04 below shows the to-be-treated main switch, router/wireless access point, network accessible storage, and satellite modem.

The HPSDR provides signal strength in both S-units and dbm (decibels relative to a milliwatt, a common RF/microwave engineering unit). It has a panadapter, and a "waterfall" display, which provides a historical display of signals and their strength. Before I attacked the noise, I had a periodic "crunching" noise (which affirmed my suspicions about ethernet noise) and a noise floor of -110dbm. For anyone who's interested in the gory details, I can scan and email all my measurements, but the bottom line is that, after treating all the equipment in the shack, the "crunching" noise was gone, and the noise floor lowered by 9 or 10 db. Since the HPSDR easily copies SSB signals only 2 or 3 db above the noise floor, this difference is *significant*.

Interestingly, the source of the "crunching" noise was the ethernet port on the HPSDR!

My locally generated noise is now lower than the atmospheric noise floor on 40m, but still detectable on 75m. I took the IC-R10 and checked out my satellite modem, network accessible storage device, router and network switch. These devices are all in the laundry room, about 20 feet from one leg of the random dipole now connected to the HPSDR. They do generate RF noise and will get treated at my next opportunity, hopefully the next weekend. I'll report the results of that treatment later.

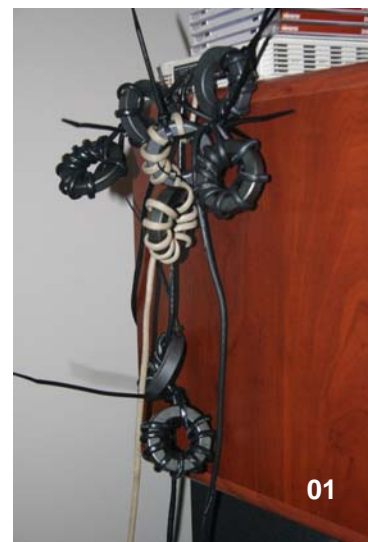
Finally, I realized that the ethernet equipment inside the remote cabinet could be a problem. So, I surveyed it with the IC-R10 and didn't detect any noise until I was on top of the cabinet, where I detected a slight amount of noise.. I opened it up and realized that I'd already treated the equipment therein – although I will go back and make some improvements.

None of this is original work on my part. I executed something I'd read that someone else did, and found his work to be accurate. I present this information in the spirit of knowledge sharing.

Finally, Joel's article referenced the work of Jim Brown, K9YC, a long-time professional audio engineer. His article on the subject is at the link below, and is *highly* encouraged for your perusal. It explains the theory behind the fix. In addition, the home page of the site has links to a whole bunch of incredibly valuable information on interfacing, audio noise, grounding/bonding and EMI. Somewhere on the site, Jim encourages sharing of experiences, which is what induced me to write this article. <http://audiosystemsgroup.com/RFI-Ham.pdf>

Somewhere on this site, the option to do wireless internet is presented. It eliminates the radiated noise, but introduces security vulnerabilities. The wireless encryption protocols can be hacked, probably not by the geek next door, but certainly by the Chinese and Iranians. I have made the conscious decision to minimize my wireless vulnerability, and go wired wherever possible. This leads to the problem, and need to do the fixes described above.

How does this work? Ethernet signals are differential-mode, where data is transmitted and received as the *difference* between two conductors. Anything done in common to both conductors, like wrapping around a toroid, is insignificant. Radiated noise, however, is coupled onto all conductors – referred to as "common-mode" signals. This is why they radiate so well. This is also why coiling all conductors around toroids introduces enough series impedance at the RF frequencies (> 1000 ohms) that the radiating antenna is rendered ineffectively short.



01



02



03



04

Continued on
Page 11

Dear WASH Members...

Sent via e-mail to Paul Lusardi NØVLR/7

Roadway, July 29th, 2014

Dear **WASH** Club members,

Hi, this is Podunk the Intern at Roadway.

I am working here for the summer and they gave the job of finding all the lost articles in the past years. Your tower was the biggest thing we lost and for the longest time.

I found it to be a challenge to finally locate this beast weighing in at several hundred pound and over 10 feet in length. I am thinking to myself that I don't ever recall losing something this big myself and therefore think that a company with this many people couldn't possible lose something this big either.

The last know location was Comcast, where the notorious ham, Randy George, was last known to be near its proposed location. From there ,I defined a circle search area. Over the next few weeks, I found many selections of tower sections at hamfests, then onto various "Cutie-H's" of various ham-types and found even more installed towers around the Three Rivers area. I was not going to give up! I once found myself at a lonely, dark road near the airport, and ended at a house called "W3KWH" and found lots of examples – but none of them matched the description.

Later through some intel, I stopped by N3FB's location and was inspecting the tower at his location and touched the antenna thingy up top and found it to be most invigorating and a bit warm to the touch.

A few RF burns later... I was on a mission now. I MUST find this tower! On to other areas of PA – as I followed other potential perpetrators (those having antennas on their cars), I followed a guy called N3RDV to something called "Field Day" – they even had a sign – welcome public!

Admittedly, I just stopped because I smelled the picnic and I hear many people calling "CQ food day this is whiskey blah blah....something".... and a whole lot of R2D2-sounds.....

As I was standing there saluting the American flag, something caught my eye. Could it be? Yes, I have found the coveted missing tower!

Wait until my boss gets the news!.....and my expense report....and with a little creative accounting.....I'll have enough left over to buy myself a new IC-718....

You see, while I was just observing this operation – I got bit by a rare insect, called the field day bug! See you all next year!

[Signed] Podunk (callsign pending)

Editor's Note: Our thanks to Paul NØVLR for forwarding to us, via email, this interesting little tale. However, until we actually see something in writing...



Another look at Field Day 2014. Panoramic view courtesy of & © Copyright 2014 Sean Sleeman N3NWR

Taming Ethernet Interference to Amateur Radio

continued from Page 10

Sources: I purchased my toroids from Mouser.com. Part numbers are:

Material	Mouser Part Number	Fair-Rite Part number
#43	632-2643803802	2643803802
#31	623-2631803802	2631803802

Mouser has price breaks at quantity 10 (I bought 2 orders of 20) and 50. If there is club interest in pursuing a bulk buy, I would be willing to facilitate that.

Maker Faire & Amateur Radio

Dave Ellison W7UUU courtesy of www.qrz.com

Lakewood, WA, August 8th, 2014 — I had SUCH a good time today!! I was asked to do the Maker Faire at Pierce College in Lakewood Washington - near my home. Larry Watson, KD4VOM, Secretary of our club (W7DK) asked me to participate and knowing I do tons of trade show events for my business and such, figured I'd be a good one to have. I was a little skeptical...

BOY was I mistaken! We had over ONE HUNDRED people to our booth!!! I had a Morse setup with 5 keys and a "Morse-a-Word" reader - and we had over 80 kids and adults come up and try their hand at Morse. LOTS of anecdotes shared - LOTS of homebrew "Make it yourself" gizmos that I built on the table - and overall, I've not often been around such an engaging and intelligent bunch of folks - kids and parents alike. And trust me I do a LOT of "trade show" sorts of events for my business.

This was very different - people wanted to bore down, see how it all really worked, what's the history of the technologies, etc. etc. etc. We'll likely have 7 or 8 folks show up at the club soon to learn more.

SUCH a fun afternoon!!! I've never seen so many kids happy to see their names display on the Morse-a-Word ever before - some were DETERMINED too! I had bags of peanut M&Ms - make your first name display, win the prize - and one little boy Cooper would NOT accept his M&Ms until the Morse-a-Word displayed Cooper - didn't matter that I kept telling him "MY EAR HEARS COOPER and the box is very fussy" - he had to work it until he got it, and by God he did - the MaW unit FINALLY saw perfect enough sending to display "Cooper"

Moral: If you have an opportunity to host Ham Radio at a Maker Faire event near you, I suggest you do - this was the most fun with ham radio in a group of my entire ham life.

What a truly fun day!

[I'm the bald guy, BTW]

Photos courtesy of & © Copyright 2014 Dave Ellison W7UUU and Larry Watson KD4VOM



DX News Briefs



AI4SV will be QRV for the next three years, starting at the end of August, as **5R8SV** due to a job assignment. He will be on HF, primarily CW but other modes at times. More info at <http://www.g3swh.org.uk/5r8sv.html>. Logs will be uploaded to Logbook of the World & ClubLog "in due course" QSL via G3SWH -- G3SWH

I2ZDPX will be QRV as **VP2MPX** 10 -28 August, 160 - 6. More info at <http://iz2dpz.jimdo.com/dx-pedition/vp2mpx/> QSL via IK2DUW -- I2ZDPX

ON4BR will be QRV as **D44TLO** 16 - 23 Aug, mainly CW, 40 - 10 Meters. QSL via ON4BR -- 425 DX

JH1MLO will be QRV as **T88HR** 28 -31 Aug., on HF. QSL via JH1MLO -- DX World

JH1UVV will be QRV as **T88UN** 28 - 31 Aug on HF. QSL via JH1UVV -- DX World

JH3LSS will be QRV as **A52LSS** 4 - 10 Sept., HF, CW SSB & Digi. QSL via JH3LSS -- DX World

JH3AEF will be QRV as **A52EQW** 5 - 7 Sept., on 15,17 & 12 meters. QSL via JH3AEF -- DX World

A team of JA operators will be QRV as **ZL7X** from the Chatham Islands 11 - 16 Sept. QRV on 160 - 6, CW SSB & Digi. QSL via JA0VSH -- DX World

3D2AG is now expected to be QRV from **3D2/R Rotuma** as **3D2AG/p** 12 - 25 Sept. His trip was postponed due to bad weather and flight availability issues. He will be on 40 - 6 SSB & CW. QSL to 3D2AG -- 425 DX, OPDX

EA5IDQ will be QRV as **9H3JA** 18 - 25 Sept, holiday style, 40 - 10 meters SSB & digital. QSL via EA5IDQ -- OPDX

N7QT will be QRV as **VK9AN** Christmas Island 18 Sept - 2 Oct., 80 - 10, CW SSB & Digi. He will be QRV as TX5Z from Vaivavae Is OC-114, 3 - 13 Oct. QSL both via N7QT -- DX World

A joint US/JA team will be QRV as **W1AW/KH8** 8 -21 Oct, HF & 6 meters More info at <http://www.hamlife.jp/2014/08/06/ARRL-w1aw-kh0qr/> QSL via ARRL -- hamlife.jp

M0DXR will be QRV as P3F during the CQWW DX SSB contest, 25—26 Oct. QSL via M0URX -- OPDX

G8DX & M5RIC will be ARV as **GJ8DX** 29 Oct— 4 Nov, all bands CW SSB RTTY, with a focus on 30,17 & 12 meters. QSL direct to G8DX or via LotW or ClubLog; Bureau cards will not be answered -- G8DX, OPDX

W1AW/KH8 will be QRV 5 - 18 Nov, on all HF bands. QSL via ARRL

QSL Routes

3B8MM via DL6UAA -- JA1HGY	MX0INT via F5CWU -- W3AWU
6Y2T via VE3DZ -- VE3DZ	OV3X via OZ8AE -- KB8NW
7Q7GIA via LA7GIA -- JA1HGY	OX3LX via OZ1PIF -- W3AWU
8P9AA via VE3DZ -- VE3DZ	PZ5T via VE3DZ -- VE3DZ
A61Q via EA7FTR -- KB8NW	T6T via RW6HS -- KB8NW
AM0ENP via EA4ENP -- EA4ENP	TJ3SN via IZ1BZV -- JA1HGY
AM07RCU via EA7RCU -- EA7RCU	UK/R1ZY via R1ZY -- KG4W
AO01DD via EC1DD -- EC1DD	V51WH via DK2WH -- KB8NW
C21BN via JH1NBN -- KB8NW	V6T via JH1NBN -- W3AWU
CR5W via CT1REP -- CR5W	V650XG via JA1XGI -- JA1HGY
EA5NR via LX1CX -- EA5NR	XR7FTC via CE7PGL -- KB8NW
EF4HQ via EA4URE -- KB8NW	XV2E via JH5RXS -- JA1HGY
FT5ZM via N2OO -- W4DN	YB8RW/p via YB9BU -- W3AWU
HD2T via VE3DZ -- VE3DZ	ZF35EJ via K6AM -- W2IRT
HS0ZJF via ON4AFU -- KB8NW	ZX2B via PY2MNL -- KB8NW

Thanks to the NJDXA DX News & DX Chat Reflectors, the DX-QSL Reflector, 425 DX News, OPDX News, DX World.Net, ICPO Bulletin, & ARRL DX Bulletin for our DX News information. Thanks also to Bill Moore NC1L / 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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Antenna Zoning or PRB-1 Issues?

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

Murrin, Taylor, Flach, Gallagher & May

110 East Diamond Street, Butler PA 16001

Phone: 724-282-3141 mlazaroff@murrinlaw.com

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 www.dashtoons.com!

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



A Cincinnati, OH, Broadband-over-PowerLine (BPL) Internet service provider is throwing in the towel and yielding to more modern technology. Cincinnati Communications was scheduled to pull the plug on its BPL system on August 1st, according to a [report](#) on *The Enquirer's* Cincinnati.com website.

"The failure of the Cincinnati system will come as no surprise to anyone familiar with BPL technology," said ARRL CEO David Sumner, K1ZZ. "It's rather remarkable that they managed to keep it going this long."

Thomas Balun of Broadband Ventures LLC, which operates Cincinnati Communications, told *The Enquirer* that the company essentially would be starting over from scratch with more up-to-date technology. "The technology to subscribers' homes was really antiquated," Balun told *The Enquirer*. "We tried to figure out how to convert subscribers, but we can't do it. We have to shut the system down and start over."

The *Enquirer* report said Cincinnati Communications customers had endured "on-again, off-again service" with the BPL system, with some service outages lasting for days.

Balun conceded that the technology "was painfully slow," the Cincinnati.com report said, and the company plans to upgrade to an optical fiber system.

The Cincinnati system was never a significant source of interference to radio amateurs, Sumner said, because it used Current Technologies hardware. "The medium-voltage lines used low-band VHF frequencies," he explained. "The drops to homes used HF, but with the ham bands notched."

BPL is a general term that covers any technology that uses electric-utility distribution lines or on-premise power lines to conduct broadband signals for computer networking or utility smart-grid applications. Under Part 15 of the FCC rules, the use of power-company wiring to deliver Internet access or smart-grid communication to homes and businesses is called "access BPL." Access BPL that operates between 1.7 and 80 MHz has special provisions in Part 15 of the FCC's rules to control its interference potential, although the League contends that the present rules are insufficient to effectively control interference.

— courtesy of the American Radio Relay League

FCC FCC News

Courtesy of the American Radio Relay League

Newington, CT, JuLY 29th, 2014 — The FCC Enforcement Bureau came down hard on two radio amateurs this week, proposing substantial fines for alleged deliberate interference to other Amateur Radio communications — in one case by transmitting music and animal noises — and failure to properly identify. In similar *Notices of Apparent Liability for Forfeiture (NALs)* released July 22, the Commission proposed fining Michael Guernsey, KZ8O (ex-ND8V), of Parchment, Michigan, \$22,000, and Brian Crow, K3VR, of North Huntingdon, Pennsylvania, \$11,500. In both cases, the FCC said the evidence indicated that the transmissions at issue were aimed at interfering with other radio amateurs with whom each "has had a long-standing and well-documented dispute" that had spilled out onto the air.

The FCC in both instances responded last March to "several complaints of intentional interference" on 14.313 MHz. Commission agents used radio direction-finding techniques to pin down the source of the transmissions. According to the [NAL issued to Guernsey](#), the FCC agents monitored transmissions from his station for approximately 40 minutes on March 7, 2014, "and heard him transmit a pre-recorded song and various animal noises on the frequency."

According to the [NAL issued to Crow](#), FCC agents monitored transmissions from his station for approximately 3 hours on the morning of March 14, 2014, and heard him transmit slow-scan television (SSTV) signals and "a pre-recorded voice transmission of another amateur station on the frequency."

"These transmissions prevented other amateur licensees from communicating over the frequency," the *NALs* said, adding that neither Guernsey or Crow transmitted their assigned call signs while the agents were listening.

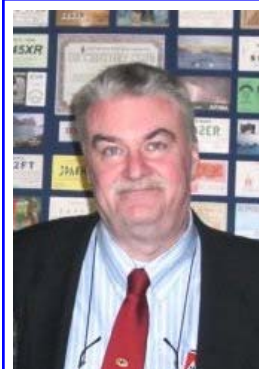
The FCC agents later the same day visited Crow's residence and asked to inspect his station, which they confirmed was capable of operating on 14.313 MHz. Crow denied operating his station that morning, however, and claimed that he was not at home when the interfering transmissions occurred.

The Enforcement Bureau has warned both Guernsey and Crow in the past regarding interference to other Amateur Radio operators. In Crow's case, the FCC said the fact that he subsequently interfered with other amateur operators "demonstrates a deliberate disregard for the Commission's authority," and warranted an upward adjustment of \$3500 to his proposed base forfeiture. Guernsey first came to the Enforcement Bureau's attention in the late 1990s and, the FCC said in the *NAL*, "has a history of causing interference to the communications of other Amateur Radio operators and has been warned repeatedly in writing." Guernsey's lengthy history with the Commission warranted an upward adjustment of \$14,000 to his proposed base forfeiture.

The Commission gave both licensees 30 days to pay their fines or to file written statements "seeking reduction or cancellation of the proposed forfeiture."

The *NALs* to Guernsey and Crow came in the wake of a June 5 *Notice of Violation (NoV)* alleging that Thomas Ryan Price, W7WL, of Sweet Home, Oregon, caused malicious interference to other radio communications on 3908 kHz, transmitted music on the same frequency, and failed to properly identify. The FCC said issuance of the *NoV* "does not preclude the Enforcement Bureau from further action if warranted, including issuing a *Notice of Apparent Liability for Forfeiture* for the violations cited."

(Brian Crow K3VR currently has a mailing address in Florida. The FCC notice was mailed to an address in North Huntingdon, PA)



ARRL DXCC & AWARDS MANAGER BILL MOORE NC 1L WAS SERIOUSLY INJURED IN A SINGLE-CAR ACCIDENT ON THE AFTERNOON OF THURSDAY, JULY 3RD. MOORE SUFFERED A BROKEN NECK & OTHER INJURIES, AND IS PARALYZED FROM THE CHEST DOWN. HE IS STABLE AND RECUPERATING AT MOUNT SINAI REHAB HOSPITAL IN HARTFORD.

CARDS AND GET-WELL WISHES ARE APPRECIATED, AND SHOULD BE SENT TO BILL MOORE NC 1L, 92 RESERVOIR RD, NEWINGTON, CT 06111

Has Roadway found the tower yet?



Skyview Radio Society Swap'n'Shop ARRL Western PA Section Convention

Sunday, August 24th, 2014, 8:00 AM—1:00 PM

Grounds Open at 6 AM for Vendors & Tailgaters

Skyview Radio Society Clubhouse

2335 Turkey Ridge Road, New Kensington, PA

Talk-in on 146.640 PL 131.8

Admission \$5

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



Uniontown ARC GabFest 65th Annual Hamfest

Saturday, August 30th, 2014, 8:00 AM—1:00 PM

Setup Time at 6 AM for Vendors & Tailgaters

W3PIE Clubhouse, 433 Old Pittsburgh Road just off Route 51
& US 119, Uniontown

Talk-in on 147.045 PL 131.8

Free Admission — Free Parking — Free Swap-N-Shop Setup With Registration

More Information at www.w3pie.org/gabfest.htm



Butler County ARA Swapfest 2014

Sunday, September 7th, 2014, 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>



WACOM Hamfest 2014

Sunday, November 2nd, 2014, 8:00 AM—3:00 PM

Vendors Setup starting at 6 AM

Washington County Fairgrounds

2151 North Main Street, Washington, PA 15301

Talk-in on 146.790 PL 131.8

Admission \$5

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



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I would like to join WASH!. I am interested in the following type of membership: ☐ **New Membership** ☐ **Membership Renewal**

(check quarter →)
(check one ↓)

☐ **1st Qtr**
Jan-Mar ☐ **2nd Qtr**
Apr-Jun ☐ **3rd Qtr**
Jul-Sept ☐ **4th Qtr**
Oct-Dec

☐ (F1) Full Membership: \$20.00 \$15.00 \$10.00 \$5.00
☐ (F2) Full Membership < 18 or > 65 yrs of age: \$10.00 \$7.50 \$5.00 \$2.50
☐ (A1) Associate Membership: \$10.00 \$7.50 \$5.00 \$2.50

☐ (FM1) Family Membership (\$3.00 x No. of household family members): \$ _____

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City, State: _____

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☐ 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 2014 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



Join the American Radio Relay League or Renew Your Membership through the WIRELESS ASSOCIATION OF SOUTH HILLS, INC.

Members of the WIRELESS ASSOCIATION OF SOUTH HILLS can start a new membership or renew an existing membership in the American Radio Relay League, the National Organization of Radio Amateurs, through the club.
 Benefits for you: Joining and participating in everything the League has to offer, including a QST subscription.
 Benefits for the club: A few more shekels for our coffers.

Just fill out the form below, include a check or money order made out to WASH/ARRL, and return all 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

Name: _____

Address: _____

City, State, ZIP: _____

Please Check the Appropriate One-Year Rate:

- ☐ \$39 in US
☐ Age 21 or younger, \$20 in US (only if you are the oldest licensed amateur in your household)
☐ Canada \$49
☐ Elsewhere \$62
☐ Other (including Blind, Life, QST by First Class Postage — please contact ARRL for rate)

Dues subject to change without notice

Call Sign: _____

Date of Birth: _____

Total Enclosed: \$ _____

☐ Additional Family Members at the same address (\$8 per family member)

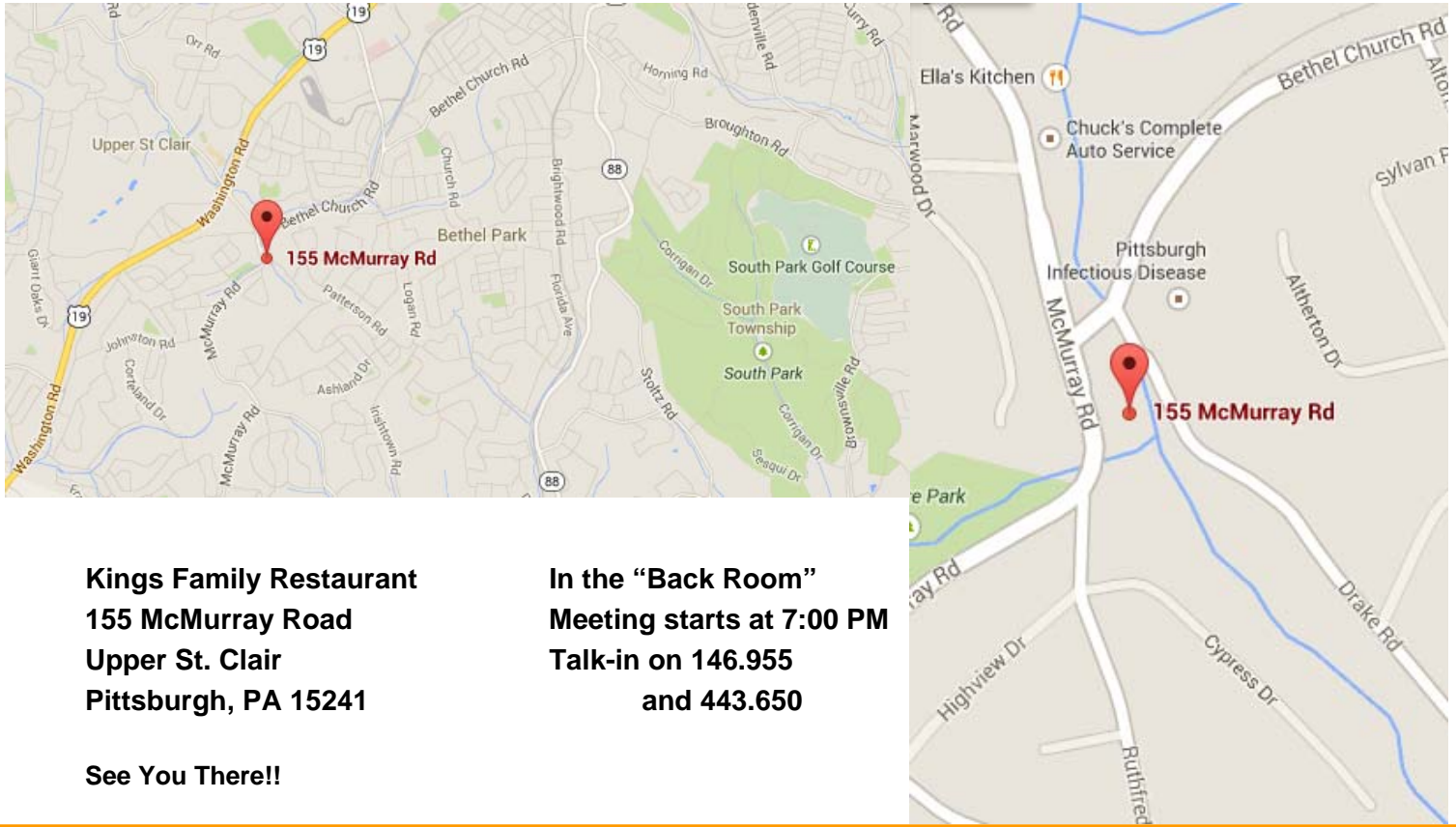
Name & Call Sign: _____

Name & Call Sign: _____

Name & Call Sign: _____



Directions to the July Meeting



Kings Family Restaurant
155 McMurray Road
Upper St. Clair
Pittsburgh, PA 15241

In the "Back Room"
Meeting starts at 7:00 PM
Talk-in on 146.955
and 443.650

See You There!!

The WASHRag

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



N3SH / WA3SH
NP2SH/B

www.n3sh.org
www.washarc.org

