



WASHRAG™

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Volume 3 Issue 5

May 2001

N3SH
WA3SH

Wireless Association of South Hills

Mr. Hollingsworth Came to Town...

Pleasant Hills, PA, 14 April 2001 -- The FCC Enforcement Bureau's Special Counsel for Amateur Radio, Riley Hollingsworth K4ZDH, spoke for over 45 minutes to a crowd of over 50 Amateur Radio operators at the Blue Flame restaurant on Route 51 this morning. It was one of two talks he was scheduled to give in the Pittsburgh area, the second being that evening in Monroeville at the Palace Inn hotel.

Hollingsworth covered a wide variety of topics involving the FCC and the Amateur Radio Service, covering enforcement issues, possible International regulatory changes, and some of his views for the future of the Amateur service.

He emphasized several times the importance of "how we sound on the air" both domestically and internationally, and how critical that was at upcoming ITU conferences with other countries – conferences where the rule was, large or small, that "one country (has) one vote -- just like we do." He warned the crowd that there was a good chance that the 40 Meter Amateur band would be reduced by 1/3 (from 300 to 200 kHz wide) at the next World Administrative Radio Conference, and that it was very important that we conduct ourselves well on the air. "Operate as if the whole world is listening!"



Photo Courtesy of & ©Copyright 2001 Chuck Gessener KC3ET

On cases of interference and other enforcement issues, Hollingsworth emphasized the need for vigilance against the "proliferation of all that junk out there," citing some specific cases. He urged amateurs to "hear it, document it, and notify the FCC," and that while it may take 3 to 5 years to get back up to full enforcement levels of years past, enforcement IS back but we should not become complacent about it. He also reminded the audience that enforcement alone won't save Amateur Radio, as "there is no rule against being stupid" on the air.

Hollingsworth compared the existing Amateur Radio spectrum to New

(K4ZDH Continued on page 6)

N3SH Field Day 2001

Larry Comden K3VX

When: Saturday, June 23 at 2:00PM EDT (1800 UTC) through Sunday, June 24 at 5:00PM EDT (2100 UTC). Since our club sets up equipment



before the starting time, we are limited to 24 hours from the start of on air operations. Tentative setup time: Saturday at 10 AM.

Where: Mount Lebanon Park — same shelter as last year. A map will be included in the WASHRag.

Who: All club members are invited to participate in the setup, operation and tear down of the equipment. Also needed are people to handle the food and drink details.

The Object: To contact as many other stations as possible during the 24 hours. Scoring: Phone contact = 1 point, CW = 2 points, Digital contact = 2 points. Each of the 3 modes is considered a different band.

Our Category: Class 3A means 3 simultaneous transmitters on the air powered from an emergency power source. As in past years, we intend to use storage batteries. Available bands are 160, 80, 40, 20, 15, 10, 6 and 2 meters.

Exchange: On phone say "3 Alpha Western Pennsylvania from N3SH", on CW or Digital

(Field Day Preparations Continued on page 9)

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Next Meeting: May 10th, 2001

The next monthly meeting of the Wireless Association of South Hills, Inc. will be Thursday, May 10th, at the **John McMillan Presbyterian Church**, 875 Clifton Road, Bethel Park, starting at 7:00 PM.

Featured speaker for the night is Paul Lusardi NØVLR, who will be demonstrating some of the new and existing digital modes on 20 Meters and other bands.

Talk-in on the 146.955(-) N3RN/R and 443.650(+) N3FFP/R Repeaters (131.8 PL). All members, guests and interested parties invited!

May 2001

- WASH FM Net,
9:00 PM ET
Sunday Nights
on the
146.955
and 443.650
Repeaters

- WASH Digital
Net, 9:30 PM
Sunday Nights
28.105 MHz
RTTY & PSK31

LOOKING AHEAD:

- Breeze-
Shooters
Hamfest
June 3rd
- Field Day
June 23rd-
24th
- WASHFest
2002,
February
24th, 2002

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 May Day Butler Co ARA Meeting SHBP&M Meeting Skyview RS Meeting North Hills ARC Club Net SATERN Net	2 Uniontown ARC Meeting Allegheny Co SkyWarn Net Steel City ARC Social Nite Allegheny Co ARES Net Westmoreland Co ARES	3 Space Day WACOM Meeting RA Erie Meeting	4 Elco RS Meeting	5 Cinco de Mayo RA Erie VE Test WPA Hilltoppers VE Test North Hills ARC Elmer Net
6 Pgh Marathon Ellwood City ARA Meeting QCWA Pittsburgh Net South One ARES Net WASH FM Net WASH Digital Net	7 Breezeshooters Net Beaver Co Public Service 2 Rivers ARC Club Net Triple "A" ARA Net	8 Foothills ARC Meeting Coke Center ARC Meeting Ft. Venango M&K Meeting Nittany ARC Meeting Punxsatawny Area RC Mtg SATERN Net	9 North Hills ARC Meeting Steel City ARC Social Nite Allegheny Co ARES Net Westmoreland Co ARES	10 WASH Meeting 146.955 Moving Day (AM) Horseshoe ARC Meeting Beaver Valley ARA Meeting Triple "A" ARA VE Test	11	12 Butler Co ARA VE Test TriCounty CW ARC VE Test 2 Rivers ARC Ham'N' Eggs North Hills ARC Breakfast Nittany ARC Coffee Call North Hills ARC Elmer Net
13 Mother's Day QCWA Pittsburgh Net South One ARES Net WASH FM Net WASH Digital Net	14 ARL Lawrence Co Meeting Bum of the Month Lunch Breezeshooters Net Beaver Co Public Service 2 Rivers ARC Club Net Triple "A" ARA Net	15 Steel City ARC Meeting Tri-County CW ARC Mtng McKean Co ARC Meeting Pymatuning ARC Meeting Juniata Valley ARC Meeting North Hills ARC Club Net	16 Huntington Co ARC Meeting Allegheny Co SkyWarn Net Allegheny Co ARES Net Westmoreland Co ARES	17 Triple "A" ARA Meeting Somerset Co ARC Meeting Greene Co ARC Meeting	18 Dayton 2 Rivers ARC Meeting	19 Dayton Armed Forces Day Foothills ARC VE Test North Hills ARC Elmer Net
20 Dayton Elk Co ARC Meeting QCWA Pittsburgh Net South One ARES Net WASH FM Net WASH Digital Net	21 Monessen ARC Meeting Breezeshooters Net Beaver Co Public Service 2 Rivers ARC Club Net Triple "A" ARA Net	22 Mercer Co ARC Meeting Triangle ARC Meeting North Hills ARC Club Net SATERN Net GPVHFS Swap'n'Shop Net	23 North Hills ARC Activity Steel City ARC Social Nite Ft. Armstrong WA Meeting Allegheny Co ARES Net Westmoreland Co ARES	24 Field Day is 1 Month Away!	25 This Space for Rent	26 CQ WPX CW WASH Breakfast NJ2BB Special Event Stn. North Hills ARC VE Test Nittany ARC Coffee Call North Hills ARC Elmer Net
27 CQ WPX CW QCWA Pittsburgh Net South One ARES Net WASH FM Net WASH Digital Net	28 Memorial Day Breezeshooters Net Beaver Co Public Service 2 Rivers ARC Club Net Triple "A" ARA Net	29 North Hills ARC Club Net SATERN Net GPVHFS Swap'n'Shop Net	30 Steel City ARC Social Nite Allegheny Co ARES Net Westmoreland Co ARES	31 WACOM Board Meeting	6/1 Elco RS Meeting Rochester Hamfest & ARRL Atlantic Division Convention	6/2 RA Erie VE Test WPA Hilltoppers VE Test Rochester Hamfest North Hills ARC Elmer Net Breezeshooter's on 6/3!

WASH 2001 OFFICERS

Executive Committee:			
President	Ron Notarius WN3VAW		
VP/Secretary	Paul Lusardi NØVLR		
VP/Treasurer	Mark Stabryla N3RDV		
And We Couldn't Do It Without:			
N3SH / WA3SH Trustee	Steve Lane W3SRL		
N3SH / WA3SH QSL Manager	Paul Lusardi NØVLR		
VE Team Liaison	Jacqué Gosselin N3ZEL		
Webmaster	Bob Sanford AA3FI		
Quartermaster	Harold Rosenberger KB3CPI		
N3SH/WA3SH WASH Net Managers			
FM Net (2 Meter & 70 cm)	Bryan Beyer K3OL		
Digital (10 Meter)	Mike Serowik N3BSQ		
WASHFest 2002 Co-Chairman (South Hills Hamfest)	Steve Lane W3SRL		
Operating Events Chairman	Bill Hill W3WH		
Field Day 2001 Chairman	Bill Hill W3WH		
Ways & Means	Larry Comden K3VX		
Media Communications	Carol Danko KB3GMN		
	Kevin DeRose N3KFD		
Club-Affiliated Repeaters:			
Mt. Lebanon	N3RNX/R	146.955 -	PL 131.8
Mt. Lebanon	W3SRL/R	442.550 +	PL 131.8
Canonsburg	N3FFP/R	443.650 +	PL 131.8
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. The 10 Meter Digital N3SH/WA3SH WASHNet meets on 28.105 MHz at 9:30 PM ET following the conclusion of the FM net. (Frequency is +/- QRM) All radio amateurs, WASH members or not, are welcome to join!			

THE LEGAL STUFF

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The **Wireless Association of South Hills, Inc.** was founded in 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 of both the N3RNX/R Repeater System and the N3FFP/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 July 19th!

Our Next VE exam sessions will be **Thursday, July 19th, 2001**, at **7:00 PM**, at the *John McMillan Presbyterian Church*, 875 Clifton Road, Bethel Park, PA. Talk-in on 146.955 MHz. All examiners are ARRL VEC affiliated.

Walk-ins are always welcome, but if you plan on attending the test session, please contact VE Team Liason Jacqué Gosselin N3ZEL: Telephone (724)-746-9235 or E-Mail: n3zel@fyi.net

Please bring the following to your test session:
 Picture ID or other suitable identification (2 forms of ID required)
 Pen / Pencil / Calculator
 Original FCC license plus a copy of license (if upgrading)
 Original CSCE plus a copy of CSCE (if upgrading)
 Check or Cash in the amount of \$10.00 (payable to: ARRL VEC)

The WASH Breakfast Gang met on the morning of April 28th for our monthly get-together, at the Eat'n'Park on Route 19 just north of Donaldson's Crossroads. Present this month were WASH members K3VX, KB3CPI, KB3FNM, W3HND, W3VFA, & WN3VAW. Despite the small turnout, a great time was had as we talked over everything from Field Day to WW2 classic bombers. Don't be left out of the good times! Our next Club Breakfast will be Saturday, May 26th, at Dietz's Restaurant in the Caste Village Shops, Baptist Road at Grove Road. Hope you can make it!

You didn't forget about DAYTON, did you? Yes, it's hard to believe, it's already May, and that means The Usual Suspects will be making their annual pilgrimage to the Dayton Hamvention. If you're making a last-minute decision to go, you can still order your admission tickets in advance (\$16.50 as opposed to \$22 at the door) but you'll have to pick them up at Will Call in the HARA Arena. Don't let that stop you — there are many hamfests, there are many ham conventions, there are many flea markets, but there is only one Dayton. Remember, monitor 146.955 SIMPLEX at the Arena (use 131.8 PL to cut down on intermod) to stay in touch with other club members.

WACOM Hamfest a success. Our friends in WACOM had another successful hamfest on April 29th. Like WASHFest, early indications point to an increase in attendance over last year, another very good sign. WASH was very well represented, with just too many members dropping by to list! Many of the WASH VE team lent a hand to the VEC testing at the hamfest, and thanks for all of them who participated (results next month) Congratulations also to our own Dave N3IDH who one the 50/50 raffle, and Hank KB3FNM who won the FRS hand holds. Thanks also to all of the WASH VE's who helped WACOM out, especially our VE Team Leader Jacqué N3ZEL, by running the hamfest VE exams. Results on that session will be in the next newsletter, pending their being posted to the WTB's ULS database on the FCC web site.

The Six Week Technician Short Course finished up on April 18th. We ended up with a total of six students because of little time for publicity — five at first, with one student leaving part way through to return to Mexico for the summer (he'll finish the class in the fall on his return), and another student joining part way through. We're very happy to report that all four of the students who saw it all the way through successfully passed their Technician tickets! Congratulations to **Carol Danko, Tom Hough, Shirley Stoner** and **Reed Rosenberger!** (The last student is still working on it, and we hope to get him the next test session, if not before!)

Future Classes? We would definitely like to hold another Tech class in the fall, and there's been interest in a Code and/or General Upgrade class too. We'll be firming up plans over the summer, so if you're interested, let WN3VAW know now!

Breezeshooter's Hamfest is a month away. If you're planning on going, make sure you check in with the club setup at the fence by the Grandstand. Of course, we're hoping you stay for the Picnic at 11:30! It'll be a Covered Dish picnic, so if you can bring a side dish, a dessert, or whatever, let WN3VAW know so that we can plan. We had about 25-30 club members, family, and friends last year, and we're hoping to have a bigger turnout this year!

April 19th VE Test Session Results

We had ten candidates at the April 19th VE Test Session, including five students from the WASH 6 week Amateur Radio Technician Short Course that ended the night before. Nine of the candidates were seeking news licenses, and of them, Eight passed their Technician licenses.

According to the FCC ULS database, the following licenses were issued on April 25th:

Tech:	KB3GMN	Carol Danko
	KB3GMO	Thomas Hough III
	KB3GMP	Shirley Stoner
	KB3GMO	John Hengstler
	KB3GMR	Jason Teierle
	KB3GMS	Reed Rosenberger
	KB3GMT	Anthony Baronowski
	KB3GMU	Lori Trebik

VE's attending included Bryan Beyer K3OL, Ron Notarius WN3VAW, Ed Oelschlager N3ZNI (yes, he got his credentials!), Don "Wazzoo" Fincher KA3WZO, Steve Lane W3SRL, Paul Lusardi NØVLR, Ed Salva W3VFA, Bob Ketzell KB3IN and Jacqué Gosselin N3ZEL

Congratulations to the new amateurs and welcome to the air! (A few were already operating on the 146.955 repeater within hours of the licenses being granted!)

Many thanks to all of the volunteers giving of their time for the VE session.

73, Jacqué Gosselin N3ZEL

Dennis Tito KG6FZX spent \$20 million the last week of April, for the privilege of becoming the First Tourist in Space, joining a Russian Soyuz 2 mission to the International Space Station.

And he's reportedly been told to be very, very careful... or, "you break it, you bought it!"

WASH 2001 Dues are PAST DUE! Don't put it off, renew your membership today!

Minutes, April 12th Meeting

Kevin F. DeRose N3KFD, Acting Secretary WASH

The meeting was called to order at 19:16 by WN3VAW. There were 17 members and no guests present.

A moment of silence was observed for recent Silent Key's and other deserving persons.

Introductions were then made all around, as is our custom.

A motion was made to accept the minutes of the March meeting as published in the newsletter was made by Bob KB3EPC and seconded by Ted WN3BOJ and carried.

WN3VAW again thanked the Mt. Lebanon Fire Department for letting us their facilities for the meeting due to the church being unavailable due to Maundy Thursday observances.

Committee Reports:

Treasurer (N3RDV): Read and accepted.

Secretary (N3KFD for NØVLR): No report.

VE Team (WN3VAW for N3ZEL): Next test next week, April 19th. VE's also needed to help out at WACOM Hamfest on April 29th.

Repeaters (W3SRL): Repeaters will likely move this month, or they won't move for a while. Biggest problem has been coordinating schedules between all parties involved. Several people will be needed to help move the machines on moving day. Also, he wants to look into the ARRL ARECC Online Course.

FM Net (WN3VAW for K3OL): Thanks to all NCS's for a terrific job. We've gained some new NCS's and seen average check-in's rise from 17 to 27 each week. More veterans are needed to help out with NCS duties

Digital Net (W3SRL for N3BSQ & NØVLR): A digital demo is scheduled for May meeting. PSK31 may be implemented in the future.

Activities (W3WH) No report.

Contests: Field Day (WN3VAW for K3VX): Larry is still checking into possibility of alternate sites. Decision to be made by end of the month & will be in the May newsletter.

Newsletter (WN3VAW): No report. Extra copies in back.

President (WN3VAW): K4ZDH in town on Saturday for two talks, 10 AM at Blue Flame and 6 PM at Palace Inn. Small group from club going to Dayton, rooms may still be available at University of Dayton; club members should monitor 146.955 simplex, 131.8 PL. Breezeshooter's Hamfest on June 3rd, club will be set up along fence by grandstand again. Club pot-luck picnic will be at 11:30 for club members and invited guests only. Next week is last week for Tech class, things going very well and we may have 100% pass.

Old Business: None

New Business: Mark N3RDV asked if the club would be ordering Field Day pins and then motioned that WASH order 20 pins from ARRL for \$100. Seconded by W3WH & carried unanimously.

Good of the Order: WACOM Hamfest on April 29th. N3ZEL needs VE's for test session. Rochester Hamfest /Atlantic Division Convention June 1st – 3rd, letter from hamfest available courtesy of Dick N3QMV. Butler Hamfest in September will be first ARRL WPA Section Convention. Mark N3RDV briefly discussed upcoming Public Service events that need amateurs, including the Pittsburgh Marathon, Race for the Cure, March of Dimes MS Walk, and MS150 Bike Race; anyone interested should see Mark after the meeting. WN3VAW urged members to see PNC Park, even if they aren't baseball fans!

Motion to adjourn made by Bill W3WH, seconded by Ted WN3BOJ and carried unanimously. Meeting adjourned at 19:43

Presentation by Steve Lane W3SRL on QRP Operating and demonstration of many different pieces of QRP equipment.

146.955 Moving Day: May 10th!

At long last, we have arranged a date that is agreeable to all parties involved, and the repeater move date is set! The date will be Thursday, May 10th, starting at around 7:30 AM. We will need approximately 3 – 4 strong backs to help us dismantle the 146.955 machine and cart it downstairs. Once it is loaded up on the truck, we will then move it 4 blocks south and cart it up to the new site.

This is where the fun begins. The only access to the new site is one story up a vertical ladder (indoors). The technicians will be racking both repeaters into a commercial rack, meaning that each component will need to be removed from the cabinets and hoisted up the ladder. The VHF Duplexer will need to be hoisted intact, as it will be staying in it's cabinet due to it's size. A block and tackle is available to us.

If you are available to give us a hand, we would certainly appreciate it. True, it may be a bit dull at times, but we will definitely need your help at times throughout the day. We hope to have it all wrapped up by early afternoon.

If you are able to lend a hand, especially early in the day, please email me directly at w3srl@yahoo.com. And thanks!

— Steve Lane W3SRL

Monthly WASH Breakfast Saturday, May 26th



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



We'll be rotating the location until we find one that suits most everyone. This month, we'll be at **Dietz's Restaurant**, Baptist and Grove Roads in the Caste Village Shops. Start time is about 8 AM until whenever. Monitor 146.955 for talk-in or any last minute changes. All are welcome, WASH members or not, amateurs or not! Hope to see you there!

Wireless Association of South Hills Membership

AA3FI	KB3ERQ	N3RHT	N3ZCG	WB3BPH
AA3JS	KB3FNM	N3RNX	N3ZEG	WN3BOJ
K3BZW	KB3FQT	N3SBF	N3ZEH	WN3VAW
K3LIE	KB3FZU	N3TBK	N3ZEL	
K3OL	KB3GMN	N3TES	N3ZNI	Dan Mohr
K3VX	KD3JV	N3UE	N4MIS	JoAnn Cottrill
K3WR	KE3XB	N3UIW	NP2JF	Marilyn Nizinski
KA3PPH	KQ3DX	N3VEH	W3GEL	
KA3TFB	NØPEU	N3VVL	W3HND	K3EED (SK)
KA3TWI	NØVLR	N3VWF	W3JAF	N3KEH (SK)
KA3UPY	NØWVP	N3WPT	W3RJM	N3OBD (SK)
KA3WZO	N2QIV	N3XFE	W3SRL	W3ZLK (SK)
KB3ANH	N3BSQ	N3XI	W3VFA	
KB3CPI	N3CCC	N3YPB	W3WH	
KB3DCO	N3CZZ	N3YQY	WA3JPP	
KB3DSB	N3IDH			
KB3ECD	N3KFD			
KB3ENX	N3MJQ			
KB3EPC	N3QMV			
KB3EPI	N3RDV			

Through April 30th, 2001
List compiled by
Mark Stabryla N3RDV
Vice President/Treasurer

Hollow State Ramblings

Don Merz N3RHT

Sorry for my recent absence from these pages. Too many obligations — a situation I'm sure we all are familiar with. This month I want to make sure I pay appropriate tributes to 2 famous ham radio authors who have become silent keys over the past 6 months: Bill Orr, W6SAI and Joe Carr. Losing these great men in such a short span of time is tough to take because they were such prolific contributors to our hobby and the science of radio.

One of his obituaries called Bill Orr "the most famous ham of all time." This is a bold statement, but I think it is accurate. W6SAI created an astonishing amount of output related to ham radio. At one point in his career, Bill had regular columns in 2 ham radio magazines, was the editor of the Radio Handbook, was authoring a huge set of technical material on EIMAC tubes, and was in the middle of creating new editions of his now famous series of books on ham antennas. All at once!

Some of W6SAI's best known books are the antenna books. There were too many to list here, but some of the best ones that I have seen are: The *Beam Antenna Handbook*, first published in 1955, by 1974 was in its 4th edition., *All About Cubical Quad Antennas, Simple, Low Cost Wire Antennas* and possibly his first antenna book *S-9 Signals With Build-It-Yourself Antennas* which was first published in 1949.

Bill also demonstrated the breadth of his expertise by authoring a number of books on "niche" areas of the hobby. Probably the most famous of these are the *Radio Amateur's Mobile Handbook*, first released in 1953, preceded by the *VHF Handbook* in 1951.

What makes a W6SAI authored or edited book special is the practical hands-on, put-it-to-work nature of his writing style. Bill constantly encourages the reader to put down the book and start using the information to DO SOMETHING! The only beam antenna I have ever built was a 6-meter, 3-element job straight from the pages of the *Beam Antenna Handbook*. And my radios can't tell the difference between it and my Cushcraft A50-5S. Thank you for everything Bill. I promise to keep reading and doing, just as you intended.

The other serious loss last year was Joe Carr. Joe's K4IPV call sign was not as famous as W6SAI, but Joe was another giant contributor to the literature and accessibility of our hobby. Joe was one of those authors who seemed to be everywhere at once. He authored more than 85 books and over 650 magazine articles devoted to radio topics. Not all of these were specific to amateur radio.

All of Joe's books are models of easy-reading. If you are a boat anchor or antique radio collector, Joe's *Old Time Radios, Restoration and Repair* published by Tab books in 1991 is indispensable. It might be the only well-organized, widely-published, and thorough book ever written on this aspect of our hobby. Other books that I can recommend from personal experience are the *Practical Antenna Handbook*, published in 1989, the *Receiving Antenna Handbook* published in 1993 and a sleeper-- *Secrets of RF Circuit Design*, also published in 1991.

At the time of his death (he was not an old man — he died of a heart attack), Joe was a regular columnist for *Nuts & Volts* magazine. His work for them showed a wide variety of interests beyond radio, including power supplies for robots, optoelectronics and clever tricks with common circuits. These were wonderfully readable articles that had a definite hobbyist's flavor in the writing style.

When I put up my attic dipole last year, I left the ends long, planning to trim them to resonance. Thanks to my MFJ 259, I knew what frequency the

dipole was on so I knew how far off-frequency it was. But getting in and

out of my attic is a real bear—it was not designed for access. So I wanted to make this short and sweet. And I figured that, knowing the resonant frequency, I should be able to calculate the correct amount to trim each end of the dipole. However, looking at the ARRL handbook and the ARRL Antenna Book, I could not find a formula that would let me calculate how much to trim. Joe came to my rescue: One glance at his *Practical Antenna Handbook* gave me the formula and a few keystrokes on the calculator later, I was squeezing into my attic, knowing exactly how much to cut off the dipole. Thanks Joe. I'll think of you whenever I'm on 20 meters.



I can't figure out how those guys could find the time to be such great hams when I can't find the time to be just average Joe Ham! I see so much going on that I'd like to do, but there is never enough time. Since I last wrote anything for these pages, I did a simple restoration on a very classy 1930's boat anchor radio — made by World's Largest Store (Trivia question: what sales outlet's motto was this? — answer next month). I took a lot of notes and I'll have a detailed report on this restoration in the next column.

Another thing I have done this winter is to get better organized. This past weekend, in between seeding the lawn and fertilizing, I completed the last major chore: sorting and organizing the capacitors. Over the years, I have accumulated a ton of small parts essential for restoring and building. But you know what I found out? Unless you can find what you want when you want, you might as well not have the stuff! Last year I did the resistors. And quite frankly, I have seen enough of that color code to last me a lifetime. After that harrowing experience, the big boxes of capacitors sat untouched — right in the middle of the workroom — for nearly a year. But I finally broke down, sorted them all out, labeled the little drawers and filed the whole shebang. Now I be organized. And for my bonus prize — I can get into the work room!

Speaking of capacitors, I have collected some great information and words to live by when using these wonderful basic electronic components. And that will be the subject of another upcoming column. Don't worry, I will spare you my Hints-From-Helouise tips on how to get organized!

Silent Keys



Missionary Veronica "Roni" Bowers KD4CKM, shot down by the Peruvian Air Force, April 20th

(K4ZDH Continued from page 1)

York's Central Park, reminding the audience that it was "worth billions" and would become a target if the Amateur service did not manage itself properly. He pointed out that the new demands for spectrum today compared to as little as 15 years ago, and emphasized the need for the Amateur Radio community to have a strong National voice and presence – and that the American Radio Relay League is all we have.

Hollingsworth also discussed briefly the growing problem of restrictive zoning, deeds and covenants, mentioning some of the "horror stories" that the FCC had heard about CC&R's only disclosed at the closing or settlement, when it was too late for the home buyer to do anything about it. And he brought up some recent legislation in Texas that would have essentially prohibited all towers (including Amateur) over 25 feet high throughout the state, that the ARRL was able to resolve in our favor. He emphasized that the FCC would only take action to strengthen PRB-1 over deed restrictions if the Amateur community continued to provide the FCC with factual information and insist that action be taken.



Photo by Jacque Gosselin N3ZNI

Hollingsworth also had praise for the Amateur community in their efforts to innovate new communications techniques, specifically mentioning the new digital PSK-31 mode as something "amazing" and a "big draw for people." He urged the audience to "spark your own enthusiasm" on this and other new communication modes.

"Amateur Radio is at a crossroads right now," and Hollingsworth added that with the convergence of computer and radio technology, we have "the greatest potential" to grow in the last 20 to 25 years. He pointed out that while it was important to try and draw younger people into the Service, we should remember that Amateur Radio appeals to all age groups. He also urged the Amateur community to continue to train and educate incoming amateurs, stating that "we have a duty to teach new operators everything we know." But he also urged us to "stay away from the negative operators" and to not "give them a safe harbor "as the survival of Amateur Radio was at stake." Negative operators need to learn that Amateur Radio is not the training ground for "the next Jerry Springer," and that with the technology now available to the FCC monitoring stations (despite the closing of many local field offices) that they "can and will be caught, sooner or later."

He also urged Amateurs to get more publicity out about themselves and what they do, stating that "we're not equipped to give ourselves credit." He cited the publicity following recent pirate attacks on shipping in the Caribbean as an example of what we should be doing, and singling out ABC's "20/20" program for getting the story right – "the best publicity we've had in 20 years." But the lack of publicity of the importance of Amateur Radio to the Hurricane Watch and other events of that scope is something we need to do more about.

On the matter of the Amateur Service restructuring, Hollingsworth emphasized that it was "done" and that we would look back on this at the end of the decade as a "stroke of brilliance." He also pointed out that a side effect has been an upswing in the use by Amateurs of Morse Code communication. More Amateurs are turning or returning to the mode since higher speeds are no longer mandated, citing the analogy "the best way to kill a good book is to put it on the required reading list." He felt that this showed that it wasn't the speed that was important, but the code itself.

Hollingsworth also touched briefly on the positive relationship that the ARRL President is developing with the FCC commissioners, and that the ARRL and that the ARRL will be giving a presentation and demonstration to the FCC

Commissioners once all of the new members have been seated. He brought up that FCC Chairman Powell is very enthusiastic and thinks very positively of the Amateur service. But he also brought up that without Senator Barry Goldwater or FCC Commissioner Lee in Washington any more, we have "no built in safety mechanism" or "insurance policy" and that it is up to us. He also discussed the ARRL's upcoming Big Project to try and put an Amateur station in every elementary school in the country, and the great potential that AMSAT-OSCAR 40 will present to us, even with all of it's problems.

He concluded by reminding everyone present that we need to realize "what a great gift (Amateur Radio) is," but that like any great gifts, it comes with great responsibilities too.

The Wireless Association was well represented at the morning talk by Ed Wolf N3UE, Jacque Gosselin N3ZEL, Ed Oelschlager N3ZNI, and Ron Notarius WN3VAW

Hallcrafters' Fans:

A sell & swap database, similar to one that was on the old HCA web site, is up and running on Chuck Dachis' Hallcrafter's Collector.com web site. The direct link is:

<http://www.hallcraftercollector.com/data/index.htm>

Be one of the first to place an ad!

— Brad Stone NB9M

Amateur Radio operators are invited to take part in the 51st celebration of Armed Forces Day by exchanging contacts with Army, Air Force, Navy-Marine Corps and Coast Guard radio stations. The Armed Forces Day Anniversary and Military/Amateur Crossband Communications Test will take place the weekend of May 12-13. Armed Forces Day actually falls on May 19, but the office of Secretary of Defense Donald Rumsfeld rescheduled the traditional cross-band communications test to avoid a conflict with the Dayton Hamvention May 18-20.

A full listing of participating stations, frequencies, and times of operation are available on the ARRL web site at www.arrl.org



Separated at Birth?



Left: Pittsburgh Pirates Right Fielder John Henry Vander Wal
Right: WASH Member & Breezeshooter's President Ed Wolf III N3UE
(To really see the resemblance, see Vander Wal without a hat on!)

If You Love Something...

Mike Hudson KC800Q Courtesy of the Oakland County (MI) ARS OCARS *Feedline*

You finally got that new rig. After months or even years of thinking about it, you finally bought it. You set it up. After getting a few signal reports, you decide you've made the right choice, 'cause boy, does it work great!

Now... what are you going to do with your old rig? A lot of people keep their old equipment. Hey, lightning or some other natural disaster could hit it. You might need a back up. You could advertise it in the local paper, on the local repeater, or on-line somewhere, but who knows how long it will take to sell it. Besides, you never get what you want for it. You could sell it on one of the auctions. They seem to work well. I have another suggestion. Why not give the rig away?

A few years ago, I was at a conference. While giving a talk about motivating employees, the speaker said, "If you love something, give it away." What he meant by this is you can generate enthusiasm, by showing enthusiasm and giving encouragement. This encouragement could be academic, technical, spiritual, and in the case mentioned above, material. One of my Elmers did this for me in a big way.

Paul and I met through our wives. We had met each other only once prior to my getting my amateur ticket, because he lives in Pennsylvania. When I got my Tech license, Paul was really encouraging, sending me tidbits about the hobby through email and the occasional phone call. We ran into each other, by chance, ten minutes after I arrived at Dayton last year. This is the only other time we have met.

Last summer, while I was studying for my General upgrade, Paul bought a new rig. He wrote me about his new radio and I told him I was going to upgrade. He said he was cleaning out his shack and was going to send me an old G5RV antenna and to look for it in the mail. He knew that the cost of raising six children was high and it would be some time before I could afford any radios beyond the two-meter rig in my van.

A week went by, I tested and passed the General exam on a Saturday morning. While driving home, my wife called me and told me to hurry because there was a large package at the Post Office for me.

Large is not the word. The package was huge, and weighed 60 plus pounds! I thought to myself, that's awful heavy for a wire antenna... I was right. Imagine my surprise when I opened the box. Paul had sent me a complete HF station! An immaculate Yaesu FT-757GX transceiver, AT-757 antenna tuner, and HD0757 power supply! Also in the box were the G5RV, all the operating and tech manuals, and a little short wave kit for my kids and me to put together. He even threw in a 9 volt battery for the kit! I couldn't believe it!

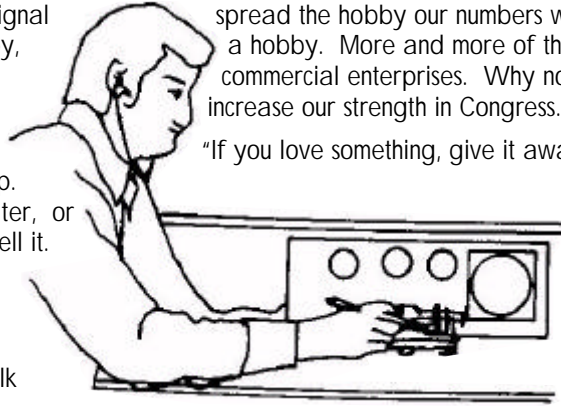
The note that accompanied it simply asked for a few things. He asked me to thank God for inspiring him to send the equipment and prayers for his family. I continued to upgrade my class of license and to share the hobby with others. I do all of these things and will continue to do them. And when I upgrade my rig, I'll give this one away.

There are a lot of people who would be involved in amateur radio, or more involved, if the prices of the hobby weren't so prohibitive. It might be a young couple just starting out that can't afford a rig. Or a senior on a fixed income that can't afford his medicine, let alone a two-meter mobile. Maybe a classroom where the teacher is interested in starting a high school amateur radio club. Or in my case, a guy with a large family still getting back on his feet after many years in the military.

Some would say that it helps keep the riff-raff out, but I disagree. I think the testing keeps the riff-raff out.

Before you sell that rig, give it some thought. If we don't spread the hobby our numbers will fall. Soon we won't have a hobby. More and more of the bands will be sold to commercial enterprises. Why not share our hobby, and increase our strength in Congress.

"If you love something, give it away."



Be very careful responding to emails, phone calls or web pages asking you to dial an "809" area code number. This scam is once again alleged to be spreading "very quickly" and has been reputed to cost it's victims as much as \$24,100 or more.

How it works: You receive a message asking you to return a call to a phone number starting with an "809" area code. The reason may vary — it can be to receive information about a family member who has been ill, died, or been arrested., or to tell you you've won a prize, etc. Since there are so many new area codes in North America today, many people unknowingly return the calls. If you call, you might be charged as much as \$2,425 per minute! Often you get a long recorded message or other methods that are designed to keep you on line as long as possible — and run the bill up.

Why it works: Most people are not aware that 809 has long been the area code for many of the Caribbean nations. 809 numbers can be set up as "pay per call" numbers similar to the 900 numbers in the US. But since the 809 area is outside of US jurisdiction, these numbers are not subject to FCC and state telephone regulations and restrictions. Thus there is no requirement that the company provide you a time period to terminate the call without your phone bill being charged. And while 900 numbers can be blocked, these blocks will not work on 809 area code numbers.

It's important to try and avoid becoming a victim of this scam, as trying to fight the charges afterwards can be a real nightmare. First, you did make the call. If you complain, your local and long distance phone companies can decline to get involved because it involves an international call to a foreign company that they are just providing the billing for. And the foreign company will likely claim that they did nothing wrong and refuse to remove the charge(s) from your bill.

— Information Courtesy of Sandi Van Handel
AT&T Field Service Manager
(920) 687-9045 or (877) 479-7902

News from Nepal

Charles Harpole K4VUD/A52UD/HSØZCW

To the many like me who have been wondering about very little native 9N operations for months and months, I have the following very recent report from Satish **9N1AA**:

Satish was elected General Secretary of the Nepal Bar Association (5500 membership in Nepal) a few months ago. That has taken time, understandably, from his ham activities.

Surish **9N1HA** and Navin **9N1AC** continue to get on the air, Navin with a rig donated by a prominent USA DXer. All the donated equipment continues to work well. Navin is working on his school final exams now.

Satish has used the donated rig and other gear and satellite antenna to work RS12/13 and some 6 meter work into Hong Kong and Taiwan.

Satish 9N1AA promises to work DXpedition style for all of his one week vacation this coming July, so watch for him then.

Via other means, I have learned that Political problems have increased in Nepal of late, with vastly increased insurgent attacks on the government and many murders. This situation may stop ham radio in Nepal and certainly has stopped our efforts to obtain **9N1MM** as an honorary club call there (or **9NØMM**) at this time. This also means I will not be trying to deliver any more donated gear to Nepal hams for the duration.

"Does Anyone Have a Spare Rocket for Orbiting Purposes?"

Don Stoner W6TNS, CQ Magazine, April, 1959

Battleship New Jersey NJ2BB Special Event Station May 26th

Joe Cramer N2XYZ

We are looking forward to a special event station on Saturday May 26th; this will be to commemorate the commissioning of the BB62 Battleship New Jersey, and Memorial Day. The amateur station has a back room off of radio central — a



good location to explain the radio room and be able to operate our amateur equipment. We will be operating on general HF bands and will also be on 2 meters surfing repeaters. I know that there was some confusion about the date of the special event. It is now correct on the ARRL Web page. We will be looking for a good time and hope to work all of you.

There is still much work to be done before the ship will be ready for its public opening. The Home Port Alliance needs help to catalog the many artifacts that they have and are still receiving. They would like the BNJARS group to power up some control lights in the gun mounts to give the appearance as being ready to operate.

The USS *New Jersey*, the most decorated ship in the US Navy, is located at the South Jersey Port Corporation (Broadway Terminal) in Camden, NJ.

DX News Briefs



KU9C expects to have all cards for **PWØS** in hand by May 11th, barring unforeseen shipping problems.

He plans to have all "clean in the log" direct cards processed and in the mail by May 15th.

The PWØS team will be at Dayton with the paper logs, so he will be able to research NIL contacts afterwards — KU9C

PA3EPG is no longer the QSL Manager for **4K5CW**, **4K9C** and **4J4K**. He has not received logs or QSL cards for over a month and has been informed by 4K5CW via email that someone else is now the manager for these stations. — PA3EPG

The Sir Francis Drake Report:

K6UR worked "**ZL8RI**" on April 30th, operator "Ellen", but inquired afterwards. General consensus is that this is the recurrence of a Slim that plagued 40 & 30 meters periodically for a few years. ZL hams report that the beam heading is wrong, and there is no operation from the Kermadecs at present — K6UR, W9SZ, ZL2AL

QSL Routes:

HK3JJH/HKØM via N4AA (but see note below!) — AA5XE
OM/HA5RT via HA6NL — HA1AG **J88DR** via G3TBK — WØOXJ
VK9NOO via K6KM — K6KM **S92TX** via W7KNT — KZ2I
VK9NNN via K6KM — K6KM **VQ9GB** via K7GB — KZ2I

N4AA reports that the FCC database shows his ZIP+4 postal code incorrectly, which is causing problems with his post office. QSL via **Carl Smith, PO Box 249, Leicester, NC 28748-0249**. The FCC shows the "last 4" as 0279. The error only recently surfaced — N4AA

K4JZ will be QRV as **FP/K4JZ** June 14 – 18, 40 through 10 meters. This will be a "1 man" operation. QSL via K4JZ with SASE — K4JZ

N6HPX is enroute to San Francisco to pick up his cards from his brother for **DU1/N6HPX**. He apologizes for the delay but, as a Navy man, he used a mail drop so that the cards wouldn't be lost in forwarding to and from the Phillipines — N6HPX

Congratulations to editor **KB8NW** for passing the 500 issue milestone of his weekly Ohio-Penn DX Report (**OPDX**) online report.

YS1RR reports that YT1AD is heading up a team for an expedition to **KH1** in September or October. Details to come — YS1RR

3B6RF operators are currently en route and due to arrive on Agalega or about May 2nd. They will commence operations immediately and will QRT on May 16th. — K6GNX

"All direct QSLs to **VK9NOO** and **VK9NNN** have been answered. No buro cards have been received yet. About 5% of the cards had the wrong date. NONE had time off by more than five minutes. \$1 or 1 IRC works best!" — K6KM/VK9NOO

"I am proud to announce the formation of **The QSL Manager's Society**. This will be a web based 'organization' that will act as a 'point of contact' for quality QSL managers, and for DXpeditions or DX stations looking for one. It will also provide a central source of information useful to any QSL manager. Please visit the web page at <http://www.qsl.net/qslmanagers>" — N2OO

Look for **W4WX/C6A** from Treasure Cay in the Bahamas from May 7th — 14th, RTTY, some SSB. QSL via W4WX — W4WX

BD8GK reports that 1 Green Stamp is sufficient for return postage from China — BD8GK

HC8N will be QRV in CQ WPX CW, QSL via AA5BT — N5KO

Thanks to the NJDXA *DX Reflector*, 425 *DX News*, *OPDX News*, & *ARRL DX Bulletins* for our *DX News* information. Thanks also to W3UR/*The Daily DX* for confirmations & additional information.



Allegheny County ARES News

Boy Scout Troop 907, Venture Crew 907, and the Tecumsha district of the Greater Pittsburgh Council of the Boy Scouts of America are having a Bike-a-Thon to benefit disabled youth on May 12th, 2001, starting at 8 AM through 1 PM along the Youghogheny River Trail in little Boston, Pa.

The rain date for this event is May 19, 2001. The Tri-County CW Amateur Radio Club will be supplying radio communications for this bike-a-thon. We are looking for any amateurs who will be interested in helping with the radio communications for this event.

Interested amateurs (tech or above) can call: Larry Acklin KB3CUF at (412) 678-5677 or Ralph Ofchinick W3ZPI at (724) 744-7180.

— Ralph Ofchinick W3ZPI

(Field Day Preparations Continued from page 1)

send "3A WPA de N3SH". Of course, the other station will give his class and section.

Logging: Logs can be either paper records or computer files. The big advantages of computerized logs are

1. When FD is over so is most of the log work, and
2. Elimination of duplicate contacts before they occur.

In either case, a station which has both an operator and a logger will work better than an operator alone.

Equipment:

Club Owned Transceiver(s) for HF:
 Club Owned Transceiver(s) for VHF:
 Member Owned Transceiver(s) for HF:
 Member Owned Transceiver(s) for VHF:
 Club Owned Antenna(s) for HF:
 Club Owned Antenna(s) for VHF:
 Member Owned Antenna(s) for HF:
 Member Owned Antenna(s) for VHF:
 Storage Batteries
 Tools required for Setup and Tear down

As the FD Chairman I am most concerned about 2 items:

1. Volunteers to supply, borrow, hunt down or otherwise obtain adequate Equipment in good working order,
2. Operator participation, especially overnight.

More about Field Day at both the May and June WASH meetings and the club breakfast in May.

FYI Networks

For Your Information needs

FYI Networks, an Internet Service Provider in Pittsburgh and surrounding areas since 1995, is offering all members of WASH their Basic Internet account for only \$18/month. This includes one e-mail box, 3 MB of disk space, web page hosting, Telnet & FTP access, and in some areas Toll-Free 500 Area Code service. Call FYI toll-free at 1-877-FYI-4NET, or e-mail them at sales@fyi.net, for more details or to sign up. You must mention that you are a member of the Wireless Association of South Hills to get the discount rate.

Many thanks to FYI Networks for making this special offer available to us for the past three years!

FCC News

ARRL Web Extra courtesy American Radio Relay League

NEWINGTON, CT, May 1st, 2001 — Monday, May 7, has been set as the trial date in the case of William Flippo, arrested last summer for interfering with Amateur Radio operations and for transmitting without a license. Flippo, of Jupiter, faces four counts of operating without a license and four counts of deliberate and malicious interference to a licensed service. He was taken into custody last July and is free on bond.



The criminal charges going to trial this month cover violations allegedly committed between June 1999 and April of last year. Each count carries a maximum penalty of one year in prison and a \$10,000 fine.

Flippo, 58, already faces a \$20,000 fine levied in 1999 for unlicensed operation, willful and malicious interference to Amateur Radio communications, and failure to let the FCC inspect his radio equipment. In January 2000, the FCC gave Flippo 30 days to pay and referred the matter to the US Attorney after he failed to do so and the interference complaints continued.

Flippo's only response to the FCC *Notice of Apparent Liability* was to send the FCC a copy of a one-page bankruptcy filing. The FCC was not impressed and declined to adjust the forfeiture amount. During a search of Flippo's property after he was taken into custody, the FCC reportedly seized some three dozen items related to the alleged offenses, including radio equipment. Flippo was released on \$100,000 bond, co-signed by his wife.

As a condition of his release, US Magistrate Judge Ann E. Vitunac prohibited Flippo from making any radio transmissions and from contacting any witnesses in the case. Neither he nor any of his family members may handle or possess firearms, and Flippo's travel was restricted to the Southern District of Florida — the court's jurisdictional area.

Hams in Florida say that even after being fined Flippo continued to thumb his nose at the FCC and persisted in flouting the law by interfering with local HF and repeater nets. Personnel from the FCC's Tampa District Office followed up on complaints from amateurs that Flippo — also known by his CB handle of "Rabbit Ears" — regularly interfered with amateur operations, especially on 10 and 2 meters. The criminal charges going to trial this month cover violations allegedly committed between June 1999 and April of last year. Each count carries a maximum penalty of one year in prison and a \$10,000 fine.

Flippo is said to have caused problems for the amateur community in the Jupiter area for almost three years. FCC personnel visited the Jupiter area at least twice in 1999 as a result of amateur complaints alleging malicious interference. The FCC said it was able to track offending signals to Flippo's residence. At one point, an agent monitored and heard taped portions of a 2-meter ham radio net earlier that day being replayed on top of amateur communications on 10 meters, the FCC has said.

FCC Commissioner Susan Ness has announced that she plans to leave the agency by June 1st. Ness became an FCC Commissioner in 1994 and will have served a seven years with the FCC.

The White House has nominated Commissioner Michael K. Powell for a second term. Earlier this month, the White House announced three nominees to fill seats now open or being vacated on the FCC. The three candidates are currently undergoing FBI background checks.



47th Annual Breezeshooters Hamfest Sunday, June 3rd, 8:00 AM until 4:00 PM Butler Farm Show Grounds, Butler, PA



\$5.00 Per Person Admission Donation, includes small prize drawings during the Hamfest

Children under 12 years of age admitted free

Tailgate / Flea market spaces available at \$5.00 per section

30 Acres of outdoor flea market area, over 20,000 sq. ft.

Indoor vender space available @ \$15/table

25 Acres of parking, Handicap Parking Available, Overnight Campers welcome, hookups \$10.00

Refreshments sold at the Hamfest by Breeze Shooter's Concessionaire, No Other Food Sales Permitted

Talk-in on the W3UDX/R 147.360 Repeater. Mobile Check-in on 146.52 Simplex.

***** New for 2001 *****

VE Session to be held by the Ellwood City Amateur Radio Association Inc. VE team,
Walk-ins Welcome, Pre-Registration Preferred www.qsl.net/ecara/register_1.html

Main Prizes (need not be present to win):

1st	IC-775DSP	HF XCVR w/DSP 200W	6th	IC-2800H	3" TFT Scn - Dual Band
2nd	IC-756Pro w/PS	HF & 6M	7th	IC-207H	Dual Band Mobile
3rd	IC-746 w/PS	HF, 6M & VHF 100W XCVR	8th	IC-T81A	Quad Band Hand Held
4th	IC-706MKIIG	HF, 6M, 2M, 70cm Mobile	9th	IC-W32A	Dual Band Hand Held
5th	IC-718	HF XCVR	10th	IC-2GXAT/HP	7W 2M HT
		11 half hour prizes:		IC-T7H Handheld	

Computer Prize: 700 MHz Laptop, Celeron CPU, 64 MB RAM, 15GB HDD, 8X CD-DVD, 13.3" TFT Active Display

For More Information on the Hamfest, Please Contact Ed Wolf N3UE, General Hamfest Chairman n3ue@arrl.net

For More Information on Indoor Table Sales, Please Call 412-826-8006 or email w3bis.sat@juno.com

Or visit the Breezeshooter's Web Site, www.breezeshooters.net



3rd Annual WASH "Covered Dish" Picnic At the Breezeshooters Hamfest Sunday, June 3rd, ~11:30 AM until ~1:30 PM

The Wireless Association of South Hills will again hold a Covered Dish Picnic for **club members, friends, and invited guests only** during the Breezeshooter's Hamfest, starting at approximately 11:30 AM until about 1:30 PM. There is no cost to attend (remember, we're not allowed to sell food!) but we're asking everyone who plans to attend to bring a small covered dish or dessert for everyone to share. It's a chance for you to sit down for a few minutes, relax, and compare notes and bargains with friends, instead of standing in line trying to figure out where to sit down, how to juggle all your junk, er, purchases and your food!

Look for WASH members set up together along fence next to the Grandstand seats (opposite of where we've been set up the last two years, as there's now a small paved walkway there!) Look for the "upside down umbrella" Hex Beam Antenna if we have it set up, weather and other conditions permitting.

Contact Ron Notarius WN3VAW if you plan on attending Breezeshooters and would like to either set up with the club and/or participate with us, and let him know what you intend to bring so that we can plan accordingly. We've had over 2 dozen club members, their family members, and friends and guests at each of the last two picnics, and we sure hope to see you there too!

N3SH/3 "Hamfest Flea Market Portable"

We're also again planning to operate N3SH from our spot in the flea market, weather permitting, during the hamfest — not exactly a special event station per se, but a lot of fun none the less!

If you'd like to help operate N3SH during your time at the hamfest, please feel free to stop by! (And early morning help to set up the antennas and the station won't hurt, either!)





WIRELESS ASSOCIATION OF SOUTH HILLS, INC.

Membership Application/Renewal for 2001



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

(check quarter →)
(check none) ↓

1st Qtr **2nd Qtr** **3rd Qtr** **4th Qtr**
Jan-Mar **Apr-Jun** **Jul-Sept** **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 (F1 or F2 or A1 dues x 20% x No. of household family members): \$ _____

Name(s): _____

Name: _____

Call Sign: _____

Address: _____

License Class: _____

City, State: _____

Expires On: _____

Home Phone: _____

Work Phone: _____

Email Address: _____

Birthday: _____

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]

ARRL Member? Yes No Family ARRL Member? Yes No

Date: _____

Signature: _____

Amount Enclosed: \$ _____

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

Wireless Association of South Hills, Inc.

Order Form for "The TLC Embroidery Company"

Embroidered Shirts and Hats

Quantity	Item/Description	Size	Color	Unit Cost	Net Cost
				Sub-Total	
				6 % Sales Tax	
				Total Enclosed	

<u>Available</u>	<u>Cost (S M L XL)</u>	<u>Cost (2X 3X 4X)</u>
Golf Shirts	\$20.00	\$22.00
Rugby Shirts	\$20.00	\$20.00
Light Jackets	tba	tba
Lined Jackets	tba	tba
Hats	\$10.00	\$10.00

Club logo is not currently available on the hats due to size limitations. Contact TLC Embroidery for more information.

Prices, availability & available colors subject to change without notice.

Use additional sheet(s) if necessary

Make checks payable to Sharon Cox
Mail to: The TLC Embroidery Company
366 Dry Ridge Road
West Alexander, PA 15376

Phone: 724 - 484 - 7703

Wireless Association of South Hills, Inc
www.washarc.org



WASH FIELD DAY 2001
JUNE 23RD & 24TH
MOUNT LEBANON PARK,
MOUNT LEBANON PA —
HOPE TO SEE YOU
THERE!

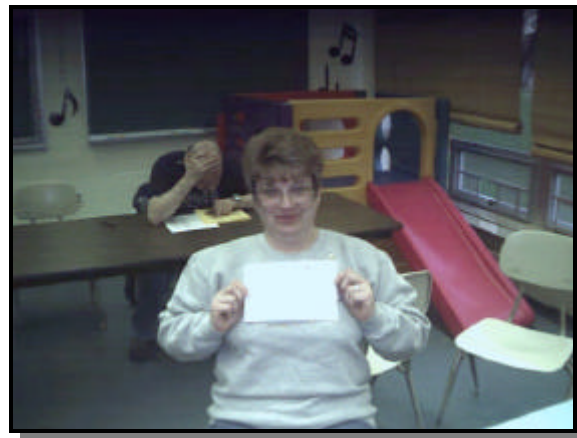


The WASH Rag
Ron Notarius WN3VAW, Editor
3505 Rosalia Avenue
Castle Shannon, PA 15234-2317

Inside This Issue:

- K3VX needs your input for N3SH Field Day!
- Want to find out how the class turned out?
- Hollow State Ramblings is Back!
- Armed Forces Day and the Battleship New Jersey Special Event Station!
- Has anyone asked you to call an 809 Area Code Number lately? Be careful!
- DX News from Nepal!
- **Breezeshooter's Hamfest!**
- **WASH Picnic at Breezeshooter's!**

All that and more... waiting for you, right inside these pages...



***DID YOU REALLY
THINK THIS DAY
WOULD EVER COME?***

Yes, that is a smiling Carol Danko. Yes, she's holding a CSCE. Yes, it has her name on it!

...Yes, she's going to shoot someone for taking her picture!

Photo ©Copyright 2001 Ron Notarius WN3VAW