



WASHRAG™

www.washarc.org



Volume 4 Issue 4

April 2002

N3SH

WA3SH

Wireless Association of South Hills

N3UE & 442.550: I-Link To The World

Ed Wolf N3UE has set up an I-Link interface between his Internet connection and the W3SRL/R 442.550 Repeater. Here's the basic information you need to know about using the system:

- Location: Bridgeville, PA – Grid EN90wi
- Frequency: 442.550 Duplex, + Offset, PL tone of 131.8hz
- Software: I-Link Sysop version 3.31.100.1000
from <http://www.aacnet.net/>
- N3UE link #: 13181
- Computer: N3UE #2 Server 233MHz Pentium MMX
- Interface: WB3REM interface board
- Interface for the Interface: N3UE HT to interface and audio attenuator board
- Radio: Radio Shack HTX-404 running 1 watt
- Antenna: Cushcrap 6 El Yagi
- Hours of Operation: 24/7 unless it's down
- Link: Anywhere in the world via:
- Repeater: W3SRL/R 442.550 + with a pl of 131.8hz
- Location: Mt. Lebanon, PA (Pittsburgh)
- Owners: N3RNX & W3SRL
- Club: Wireless Association of South Hills N3SH, WA3SH
- Club Web Site: <http://www.washarc.org/>
- N3UE Web Site: <http://doit.pgh.net/~wolfie/>
- Software: <http://www.aacnet.net/>

Notes:

There is a delay between the time that you key the microphone and the other station hears you. There is a delay between the time that you initiate transmit and the radio station hears you. And there is also the delay from the repeater squelch tail.

Upon Connecting, PLEASE wait a short time to make sure the connected link is not in use by locals!

Just listen for a station calling CQ and answer like you would any
(I-Link Continued on page 8)



The I-Link Interface at N3UE's shack
Photo courtesy of & ©2002 Ed Wolf N3UE

Ø Beat

Paul Lusardi NØVLR, President

What will amateur radio be like in 25 years? If you have been in the hobby that long, think back to what it was like back 25 years ago. Amateur radio consists of equipment, people and a little propagation.

Well there's no doubt that equipment has changed significantly; and will continue to change over the next 25 years. Propagation probably will not deviate from the usual solar cycle pattern over the next quarter century.

I can not vouch for the operators of yesteryear, but envision them having to know a bit more about their equipment than I do today! The operator of tomorrow may have at their disposal, an integrated voice, digital, and video communicator which can be configured to communicate with anyone they wish.

Change happens. Be ready for it. Experiment, have fun and further the hobby for all.

I tip my hat to those who have labored so that I may enjoy this hobby.

ARRL Petitions FCC to eliminate the Novice CW Bands and "Re-Farm" the frequencies

Details on Page 9



Inside this issue:

Amateur Radio Calendar	2
WASH Club News	3
Meeting Minutes	4
Atlantic Division Awards	5
DX News Briefs	8
ARRL Proposal on Novice Bands	9
Hamfest Announcements	10

Next Meeting: April 11th, 2002

The next monthly meeting of the **WIRELESS ASSOCIATION OF SOUTH HILLS, INC.** will be Thursday, April 11th, at the **John McMillan Presbyterian Church**, 875 Clifton Road, Bethel Park, starting at 7:00 PM.

Our guest speaker will be Konrad Kammerrer W3KK, who has been in charge of Amateur Radio Communications at the UPMC City of Pittsburgh Marathon.

Talk-in on the 146.955(-) N3RNX/R and 443.650(+) N3BV/R Repeaters (131.8 PL). All members, guests and interested parties invited!

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

LOOKING
AHEAD:

- Pittsburgh Marathon May 5th
- Dayton Hamvention May 17th, 18th & 19th
- Breeze-shooters Hamfest, June 2nd
- ARRL VHF Contest June 8th & 9th
- Field Day June 22nd & 23rd

April 2002

Sun	Mon	Tue	Wed	Thu	Fri	Sat
Poisson d'Avril Contest — contact K1DG for rules & information	1 GPVHFS Meeting Breezeshooters Net Beaver Co PS Net 2 Rivers ARC Net Triple "A" ARA Net	2 Butler Co ARA Meeting SHBP&M Meeting Skyview RS Meeting North Hills ARC Net WACOM Net SATERN Net	3 Uniontown ARC Meeting Steel City ARC Social Nite Allegheny Co SkyWarn Net Allegheny Co ARES Net Westmoreland Co ARES	4 WACOM Meeting RA Erie Meeting	5 Elco ARS Meeting	6 Timonium Hamfest RA Erie VE Tests Beaver Valley ARA VE Test North Hills ARC Elmer Net
7 Timonium Hamfest Ellwood City ARA Meeting QCWA Pittsburgh Net South One ARES Net North Hills ARC Teen Net WASH FM Net	8 Pirates Home Opener Bum of the Month Lunch ARL Lawrence Co Meeting Breezeshooters Net Beaver Co PS Net 2 Rivers ARC Net Triple "A" ARA Net	9 Foothills ARC Meeting Coke Center ARC Meeting Ft.Venango M&KC Meeting Punxsatawney AARC Mtng Nittany ARC Meeting North Hills ARC Net WACOM Net	10 North Hills ARC Meeting Laurel Highlands VHFS Mtg Steel City ARC Social Nite Allegheny Co ARES Net Westmoreland Co ARES	11 WASH Meeting Triple "A" VE Test Beaver Valley ARA Meeting Horseshoe ARC Meeting	12 2 Rivers ARC Ham 'n' Eggs Breakfast North Hills ARC Breakfast Quad Co ARC Breakfast	13 GB90MGY Tri-County CW ARC VE Test Skyview RS VE Test North Hills ARC VE Test Nittany ARC Coffee Call North Hills ARC Elmer Net
14 GB90MGY QCWA Pittsburgh Net South One ARES Net North Hills ARC Teen Net WASH FM Net	15 Tax Day GB90MGY Monessen ARC Meeting Breezeshooters Net Beaver Co PS Net 2 Rivers ARC Net	16 Steel City ARC Meeting Tri-County CW ARC Mtng Pymatuning ARC Meeting McKean Co ARC Meeting Juniata Valley ARC Mtng North Hills ARC Net WACOM Net	17 Huntington Co ARC Meeting Allegheny Co SkyWarn Net Allegheny Co ARES Net Westmoreland Co ARES	18 WASH VE Test Triple "A" ARA Meeting Greene Co ARC Meeting Somerset Co ARC Meeting Cumberland Valley ARC Meeting	19 2 Rivers ARC Meeting Quad Co ARC Meeting	20 Mercer Co ARC VE Test North Hills ARC Elmer Net
21 WPRC Meeting Elk Co ARC Meeting QCWA Pittsburgh Net South One ARES Net North Hills ARC Teen Net WASH FM Net	22 Breezeshooters Net Beaver Co PS Net 2 Rivers ARC Net Triple "A" ARA Net	23 Mercer Co ARC Meeting Triangle ARC Meeting North Hills ARC Net WACOM Net SATERN Net GPVHFS Swapn'Shop Net	24 North Hills ARC Activity Ft.Armstrong WA Meeting Steel City ARC Social Nite Allegheny Co ARES Net Westmoreland Co ARES	25 WACOM Board of Directors Meeting	26 Three More Weeks Until Hamvention® 2002	27 Indiana Co ARC VE Test Nittany ARC Coffee Call North Hills ARC Elmer Net WASH Breakfast
WACOM Hamfest QCWA Pittsburgh Net South One ARES Net North Hills ARC Teen Net WASH FM Net	29 Breezeshooters Net Beaver Co PS Net 2 Rivers ARC Net Triple "A" ARA Net	30 North Hills ARC Net WACOM Net SATERN Net GPVHFS Swapn'Shop Net	5/1 Uniontown ARC Meeting Steel City ARC Social Nite Allegheny Co SkyWarn Net Allegheny Co ARES Net Westmoreland Co ARES	5/2 WACOM Meeting RA Erie Meeting	5/3 Elco ARS Meeting	5/4 RA Erie VE Tests WPA Hilltoppers VE Test North Hills ARC Elmer Net
GB90MGY Titanic 90th Anniversary Special Event Station April 13-15						

WASH 2002 OFFICERS

EXECUTIVE COMMITTEE:

President	Paul Lusardi NØVLR
VP/Secretary	Frank Bobro KB3FZU
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)	(open)
WASHfest 2003 Co-Chairman	Steve Lane W3SRL
(South Hills Hamfest)	Bill Hill W3VWH
Activities & Operating Events	Bill Hill W3VWH
Field Day 2002 Chairman	Larry Comden K3VX
Ways & Means	Carol Danko KB3GMN
Media Communications	Kevin DeRose N3KFD
Allegheny Co ARES Representative	Ben Williams KB3ERQ

CLUB-AFFILIATED REPEATERS:

Mt. Lebanon	N3RNX/R	146.955 -	PL 131.8
Mt. Lebanon	W3SRL/R	442.550 +	PL 131.8
Canonsburg	N3BV/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. All radio amateurs, WASH members or not, are welcome to join in! The **10 METER DIGITAL N3SH/WA3SH WASHNET** is on Hiatus until further notice. Please contact Paul NØVLR for more information.

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.

This issue is © Copyright 2002 by the **WIRELESS ASSOCIATION OF SOUTH HILLS, INC.**

Editor & Publisher: Ron Notarius WN3VAW

Permission is granted to other Amateur Radio publications to reprint articles in this issue, provided the original author & "The WASHRag™" are given credit. Comments, articles, and requests for copies of or information about "The WASHRag™" should be mailed to the editor:

Ron Notarius WN3VAW

3505 Rosalia Avenue, Castle Shannon, PA 15234-2317

Email: wn3vaw@njdx.org, wn3vaw@arrl.net Or wn3vaw@fyi.net

"The WASHRag", "The Mariner", SHARCfest, South Hills Hamfest, WASHfest, WASHfest 2003, N3SH Net, WA3SH Net & WASHNet are ™ trademarks of the **WIRELESS ASSOCIATION OF SOUTH HILLS, INC.**

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, its members, or its actions in any way shape or form.

As always, special thanks to the owners of both the N3RNX/R Repeater System and the N3BV/R Repeater System for permitting the **WIRELESS ASSOCIATION OF SOUTH HILLS, INC.** and its members to use their repeaters for club purposes.

WASH Amateur Radio Club News Briefs

Next WASH VE Test April 18th!

Our Next VE exam sessions will be **Thursday, April 18th, 2002**, at **7:00 PM**, at the **John McMillan Presbyterian Church**, 875 Clifton Road, Bethel Park, PA. Talk-in on the 146.955 MHz and 443.650 MHz repeaters. 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 Jacqu  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** will be having it's usual gathering on Saturday, March 30th at **Dietz's Restaurant** ... right after this issue goes out, so we'll have to report on the going's on next month. This happens with a 5 weekend month sometimes! If you get this before the 30th, come down and join us for coffee and discussion! The next Club Breakfast will be Saturday, April 27th, at **Dietz's Restaurant**, Caste Village Shops, Baptist & Grove Roads. Come down and share a cup of coffee with us! Hope you can make it!

He's baaaack! Steve W3SRL returned from his 34 days in Turkey on March 26th. He had so many people calling him on the .955 repeater on his return that some of us wondered if VP6DI had suddenly shown up on 2 Meters! Sadly, understandable security concerns prevented Steve from operating or from accessing the I-Link system from the base. Steve's immediate tasks on returning home: Catching up on his mail, working on his antennas, and prying his truck keys out of Sandy N3ZEG's hands...

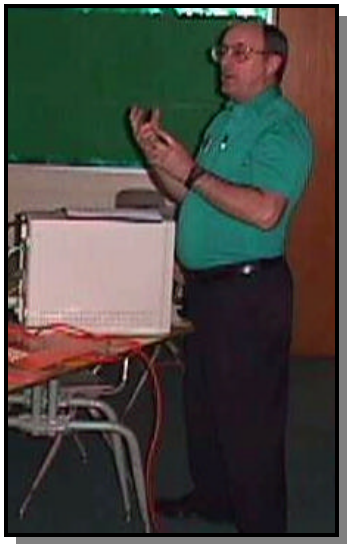
I-Link: The I-Link system on 442.550 has been a huge hit in the area. The W3SRL/R repeater has seen more activity in the few weeks since N3UE installed the interface at his home than it has seen since first put on the air several years ago! It's been a lot of fun seeing all of the activity. Interested? Feel free to join in!

Scouting: Ed N3ZNI, Jacque N3ZEL and Ron WN3VAW gave a short demonstration of Amateur Radio to Cub Scout Pack 228, on the evening of March 27th. The pack is located at Christ United Methodist Church in Bethel Park, across from Village Square Mall. The scouts were interested and attentive with a lot of questions, and really made our gang feel very welcome. The demonstration included a brief operation of **N3SH/3** on 20 meters, using Ed's TS-440S and his Outbacker mounted on his truck. The highlight of the evening was Ed's working **EA8AD** & **VP5/W5AO** for the troop. Glen KE7FD was also a big help in providing a 2 meter QSO on the repeater for the presentation. The Scoutmasters are interested in a return engagement for their Boy Scout troop sometime in the future, which we're looking forward to! Thanks to all involved!

2002 Pennsylvania QSO Party Mugs are currently being distributed by Carmine K3CWP of the Nittany ARC. The N3SH Operators mugs are being sent to Bill W3WH; most of the rest of the club members mugs went to WN3VAW. If you're expecting a mug and haven't heard from them, ask if yours is in. Mugs will be distributed at the March Breakfast & April Meeting if other arrangements aren't made first. And thanks Carmine for handling the mug distribution in such a "just" manner!

2002 Pennsylvania QSO Party Results are also out. If you didn't get a copy in the mail, you can download it from the Nittany ARC web site at www.qsl.net/narc/paqso.html

Are You "Reflecting" Correctly? If you are a former @home user, or if you have recently changed your email address, make sure that your email address in both the **WASH** Reflector and in the **WASHRag** Mailing List have been updated with your newest ones. We've had quite a few bounces from old addresses that are no longer active. Club members (**only!**) can join the N3SH Reflector by sending an email to n3sh-subscribe@yahoogroups.com. The **WASHRag** mailing list is open to everyone; an email to wa3sh-subscribe@yahoogroups.com will get you signed up for it. Subject line for both is merely "subscribe" with no text in the message.



Our thanks again to our March guest speaker, John Getz AD8J was our guest speaker at the March meeting, shown here in the midst of his slide show on some of the DXpeditions that he's been on & how you go about doing one yourself. Remember, when you hear WASH members operating from all over the Caribbean in the future, it's all John's fault!

Future Meeting Guest Speakers (Subject to Change):

May 9th: **John Rodgers N3MSE**
 WPA Section Manager
 June 13th: **Barry Kaplan KB3GKT**
 Pittsburgh Vintage Grand Prix
 TBA: **Tom Dandrea N3EQF, EQF Software**

Mark Your Calendars! The ARRL always schedules Field Day for the **Fourth** (NOT the Last) Full Weekend in June. This year, Field Day will be held **June 22nd and 23rd**, as June has 5 full weekends this year. The last time this happened was in 1996... when Ye Editor spent the entire Field Day weekend with someone in the hospital [there's a reason she's nicknamed **Little Miss Field Day**... think about it...]

WASH 2002 Dues are PAST DUE! Don't put it off, renew your membership today!

Minutes, March 14th Meeting

Frank Bobro KB3FZU, Secretary, WASH

Club President Paul, NØVLR **called the meeting to order** at 19:05 local time. There were 30 members and guests present.

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

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

A motion was made to **accept the minutes** of the February meeting as published in the newsletter by Carol, KB3GMN, and seconded by Ron, WN3VAW, and carried.

Treasurer Report (N3RDV): The hamfest was a great success!

Secretary Report (KB3FZU): No Report.

VE Report(N3ZEL): The next VE test session will be held on April 18th. 7 PM at the John McMillan Presbyterian Church in Bethel Park. It would be nice to have some newsletters at the session to pass out. On the 28th of April, WACOM will have a VE test session during their hamfest at the Washington County Fairgrounds.

Repeater Report (N3RNX & N3UE): Pete reports that 2-meter performance was falling off so he touched up the duplexer and it is working well. As for the 440 side, I-link is working well. It has a lot of use. The W3SRL (442.550) repeater (using a pl of 131.8) is co-located with the N3RNX (146.955) repeater. Through the efforts of Ed, N3UE, W3SRL has been linked through the Internet. The audio quality is great. People are connecting from all over the world. Ed reports that the new I-link software will run on any standard computer. Its file size is only 300k! After installing it you can access the W3SRL repeater (or others) through your computer. Download the software to run it as a client on your machine, and you can then connect using your sound card. Directions are on Ed's web site. A link to Ed's site is on the club site www.washarc.org

FM Net Report (K3OL): Suggested that perhaps a net on the I-link machine may play well.

Contest Report (K3VX): Ted (W4ZE) scored over 1 million points in the ARRL DX Sideband Contest. In order to enter the contest as a club, the ARRL contest rules require a list of eligible club members. Ron reported that the CQ Worldwide Prefix (WPX) contest will be held the last weekend of March. The Breezeshooters SSB contest is Sat March 23rd from 8PM -12AM on 10 meters. Logging software is available on the Breezeshooters website.

Activities Report (K3VX, W3WH): Bill W3WH - Any Interest in one or both of the ARRL VHF contests, there is one in June and another one in September. The frequencies in use are 50 MHZ and up during daylight hours; it is a local contest. Possible Field Day locations were discussed. Round Hill Park will not work out because of restrictions on overnight stays. We should reserve the Mt. Lebanon pavilion as a fall back position. Hank, KB3FNM, is going to look into a new site. Ted volunteered his QTH site as a possibility. Field day will be held the fourth weekend in June, the 22nd & 23rd.

Newsletter Report (WN3VAW): Get e-mail addresses and changes to Ron, WN3VAW, if you want to be on the club reflector. If you are getting a paper copy of the newsletter and would like to receive an electronic "PDF" copy, get to the word to Ron.

President's Report (NØVLR): Next month's guest speaker will be Konrad, W3KK. He will speak about the upcoming public service / special events The UPMC City of Pittsburgh Marathon (*sorry, I get the drill to write the event's title in it's entirety at work. -KB3FZU*) will be held on Sunday, May 5, 2002. They are looking for 150 hams - please try to help out.

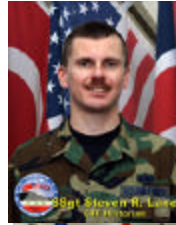
New Business: Ed, N3ZNI, spoke about scouting. The club can get about a ½ hour of time from a local scouting organization to demonstrate Ham radio. We have been asked to give a presentation at the troop meeting on March 24th. Michael, KB3HFP, and Ron, WN3VAW, are interested. Ed will make the contact. Bill, W3WH, thanked everyone for his or her help with the hamfest. We sold 847 tickets at the hamfest to more than 300 people! Their names have been added to the database so we can inform them of next year's hamfest. Ron, Bill and Paul did a post mortem on the hamfest. The notes will be entered into the hamfest file. Some additional suggestions that were made at the meeting:

- Use a simplex frequency for questions about the hamfest
- Bryan, K3OL, at the microphone was great!
- The food was great! Jack from Hoagie Haven sold over 90 pounds of roast beef. He will be at WACOM's hamfest.

For the Good of the Order: Kevin, N3KFD – has the copy from the hamfest spot that ran on ESPN radio.

Ed, N3ZNI – There will be a fish fry Good Friday at the Bower hill fire hall on Venetian Road. (minutes continued next column)

WASH Spotlight: W3SRL



Steve W3SRL, a Staff Sergeant with the 171st Air Refueling Wing, Pennsylvania Air National Guard, spent the 34 days in February & March serving in Operation Northern Watch, at Incirlik Air Base, Turkey. He was awarded the Armed Forces Expeditionary Medal during his tour of duty.

Steve safely returned to Mt. Lebanon on March 26th. (And you thought your drivers license photo was bad?)

Photos courtesy of the Mount Lebanon Fire Department Web Site,

www.mtlfld.org



(minutes continued from previous column)

Kevin, N3HKQ– DRAVO items are being pitched – a video cam system with a console 2 monitors and a tripod in a case with a studio camera it was used to videotape reports.

Motion to adjourn: Made by Carol KB3GMN and seconded by Larry K3VX and carried. The meeting was **adjourned** at 19:41

The Pizza Party and **presentation** on Dxpeditioning by John Getz AD8J, from John's Travel & Cruises then commenced.

Monthly WASH Breakfast Saturday, April 27th



Please join us for the next WASH Breakfast! We 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!



Join us at **Dietz's Restaurant**, Baptist and Grove Roads in the Caste Village Shops. Start time is about 8 AM until whenever. Monitor 146.955 & 443.650 for talk-in or any last minute changes. All are welcome, WASH members or not, amateurs or not! See you there!

Wireless Association of South Hills Membership

AA3FI	KB3FNM	N3BSQ	N3VVL	W3RWS
AA3JS	KB3FQT	N3CCC	N3VWF	W3SRL
K3BZW	KB3FZU	N3CZZ	N3WPT	W3VE
K3LIE	KB3GMN	N3HKQ	N3XFE	W3VFA
K3OL	KB3GMO	N3IDH	N3XI	W3WH
K3VX	KB3GMP	N3INT	N3YPB	W4ZE
K3WR	KB3GMU	N3KFD	N3YQY	WA3JPP
KA3PPH	KB3GOT	N3MJQ	N3ZCG	WB3BPH
KA3TFB	KB3GZG	N3QMV	N3ZEG	WB3GTL
KA3TWI	KB3HFP	N3RDV	N3ZEH	WN3BOJ
KA3UPY	KD3JV	N3RHT	N3ZEL	WN3VAW
KA3WZO	KE3XB	N3RNX	N3ZNI	Paul Rosa
KA3YTS	KE7FD	N3SBF	N4MIS	Barbara Mistic
KB3ANH	KE8RN	N3SRC	N8DPW	
KB3CPI	KQ3DX	N3TBK	NP2JF	K3EED (SK)
KB3DCO	NØPEU	N3TES	W3GEL	N3KEH (SK)
KB3DSB	NØVLR	N3UE	W3HND	N3OBD (SK)
KB3EED	NØWPV	N3UIW	W3JAF	N3SKR (SK)
KB3ENC	N2QIV	N3VEH	W3RJM	W3ZLK (SK)
KB3EPI				
KB3ERQ				
KB3FGO				

Through March 28th, 2002
List compiled by
Mark Stabryla N3RDV, Vice President/Treasurer

Secrets of Contesting

Ted Neiger N6TJ courtesy of the cq-contest reflector

As I pass through the twilight years of my radio contesting career, I think it important to reveal some of what I call "Secrets of Contesting".

Perhaps others may find them helpful. I hope so.

Although it is perhaps all too easy to take a few hundred thousand contest QSO's for granted, one may reasonably ask, "How can you possibly demonstrate such a keen accuracy in REMEMBERING six or more characters, sent only once, at a very high speed, and then faithfully re-transmitting them back, and again accurately logging them?" For me, a Contest Forum virtually cannot pass without having to expound on just HOW I have been able to do this, with such inordinate skill, and for so very many years. If you truly wish to learn this secret, please read on...

IT HAS BEEN PROVEN that the simple act of CHEWING GUM will improve your short- and long-term memory by up to 35 percent! It is believed that the gentle exercise of chewing may be enough to raise a person's heart rate and increase the flow of oxygen to the brain.

Chewing may also trigger the release of insulin in the body, which could increase the uptake of blood sugar by the brain. It is firmly believed that it is nothing IN the gum, but rather that the act of mastication (repeat, mastication) that is making the difference.

Simply, if you chew gum, you will observe an increase in your heart rate of five to six beats per minute. This may be unrelated to brain function, but on the other hand an increase in the blood delivery of oxygen to the brain probably increases cognitive function.

Also, chewing a stick of gum probably fools the body into thinking that it is about to get a meal, increasing insulin production. The hippocampus, the region of the brain that deals with memory, has insulin receptors which are involved in increasing the uptake of glucose.

It took some trial and error on my part, to be able to make SSB QSO's at a high rate, while actively chewing, but it can be done. It was very similar to the practice I was required to employ when I changed from sending CW with my right hand, to my left hand, some twenty years ago, but it can be done.

So there you have it. Chewing gum helps your memory while contesting.

I would like to announce the appointment of Bruce Watson AA3LX as the new WPA Assistant Section Manger for Youth and Education. Bruce is a teacher in the Mars Middle School and also the sponsor and Elmer for the school club. He has also been very active in getting Scouts involved in amateur radio as well as the JOTA program. He is an avid dx and cw operator.

Individuals looking for help in school programs or other youth oriented events should contact Bruce at aa3lx@arrl.net

Congratulations Bruce, and Thank You!

— John Rodgers N3MSE, ARRL WPA Section Manager

Silent Keys



Dr. Rudolph Hell, one of the inventors of Radio Direction Finding, FAX and Color Scanners, and the Hellschreiber communications protocols, March 11th

ARRL Atlantic Division

Award Nominations Sought

Bill Edgar N3LLR, Vice Director, ARRL Atlantic Division

Do you know someone who has really stood out in their service to amateur radio? That service could be in: technical abilities; public service; training; education, you name it. Wouldn't it be an honor for that individual or group to be recognized by their peers for their time and talents spent in good service to others?

Why not nominate them for one of the Atlantic Division Awards that they qualify for?

Atlantic Division awards are presented annually to the hams who make us proud to be part of the Amateur Radio Service. Nominations are taken from the ham community. Selection is made by an Awards Committee chaired by the Division Vice Director.

The awards are conferred at the annual Division Convention. Amateurs of any license class may be nominated for awards.

The Awards Committee may, at their discretion, shift a nomination made in one award category to another award category, in order to honor a larger number of worthy nominees.

AMATEUR OF THE YEAR

The Radio Amateur in the Atlantic Division whose record merits recognition for outstanding contributions to the Amateur Radio Service. He or she is active on the air and in Amateur Radio organizations. The Amateur of the Year is an all-round Amateur, whose activities, attitudes, and achievements may serve as an example to others. Devotion to Amateur Radio is balanced with attention to work responsibilities and family life. The Amateur of the Year exemplifies the "Amateur's Code." In selecting the award recipient, emphasis is placed on service to others rather than self, diversity of Amateur Radio interests and activities, evidence of continuing self-challenge, and outstanding contributions to Amateur Radio in the year preceding nomination.

TECHNICAL ACHIEVEMENT

The Radio Amateur(s) in the Atlantic Division whose technical excellence exemplifies "continuation of the Amateur's proven ability to contribute to the advancement of the radio art," and whose attitude exemplifies the highest dedication to service to others and to science, rather than self. Particular value will be placed on evidence of continuing contributions to the Amateur Radio Service. Groups of two or more Amateurs may be nominated for a joint award in this category. Technical achievement may be demonstrated through activities such as the following: publications, research and development, creativity in hardware/firmware/software, systems design and implementation, technical instruction, application of advanced technology to public service communications. This award is presented at the discretion of the Awards Committee, not necessarily every year.

NOMINATIONS DEADLINE

All nominations must be received by April 10th, 2002. To display the award nomination form, go to the web site

<http://www.bfdin.net/atldiv/AtlAwards.htm>. Or send a request to:

Bill Edgar N3LLR

Atlantic Division Vice Director

22 Jackson Avenue

Bradford, PA 16701

2002 Annual Meeting, Western Pennsylvania Chapter, DX Hoggery & Poetry Depreciation Society

Larson E. Rapp III K3IOU *

Has it been over a year already? Back on the traditional meeting date of April 1st, after holding last year's meeting early to take advantage of a unique "special occasion," the myriad members of the Western Pennsylvania chapter of the DX Hoggery & Poetry Depreciation Society slowly slunk past the sleeping undercover officer in his unmarked but well known Burgundy dodge, and into the assembly room deep within Paul Long Hall in Bridgeville.

The antics associated with several recent DXpeditions (TI9M, PWØT, VP6DI and XRØX specifically) had brought the multitude to a frenzy approaching that of a school of hungry Piranha, and with that in mind, this year's acting chairman, Lhass Tue, wearing an NHL goalie's helmet with a Lexiglass face shield, gavelled the crowd to order. Ducking a red-hot TL-933 heat sink, he quickly introduced our guest of honor, David Yancy Xavier "Deeyex" Jhammer, the ham best known for daily deciding the National Tune-Up Frequency *du jour*, and professional irritant of DXpeditions around the world.

As Deeyex came to the podium, Ron K5MVR fought off his compadres and gave forth the night's first ditty:

*DX-er Stagger McDevan
While swigging his tenth 807
Felt strangely empowered
To climb up his tower
And woke up the next day in Heaven.*

A case's worth of broken and empty 807 bottles rained down on Ron from the balcony above, making his last thoughts wishing that the plastic bottles used at the stadiums were allowed in the hall.

Deeyex began his lecture on how to keep the DX stations in line. His first topic was the selective use of faked call signs in packet cluster spots, and how this could be used to harrass and harrangue the DX, send the worthy to the wrong frequency, and drive other unworthy DX stations off the air due to the sudden pileups. As he ducked a few pounds of Potato Pete pierogies heaved at him from the audience, Dave W9LYA stood and delivered

*A dentist, who practiced in Billings
Inserted electronic fillings
His patients' recourse
Was copying Morse
Or submitting to extensive drillings*

An old Pittsburgh & Lake Erie RR telegraph sounder impacted on Dave's temple. He sank to his knees, muttering "what wrought doG hath?" as oblivion overtook him forever.

Deeyex was now discoursing on his next topic, how to keep the rare DX from working each other when they should be concentrating solely on those North American DX stations that he felt met his high standards. As he bragged of his personal efforts to prevent P5/4L4FN from working VP6DI, XRØX, and almost anyone else until Ed got an honest to goodness license from the North Korean government, Wade K5TN sharpened his new Rettysnitch and pronounced

*There was a DX'er named Grog
Who was a confirmed "DX Hog".
He broke in with his sign,
Gave a quick five-by-nine,
But his card was returned "Not In Log"!*

Wade quickly put his Rettysnitch to good use as he deflected a small assortment of fried Kenwood TS-440S circuits and related heat sink compounds, and not having learned his lesson yet, continued,

*A DX'ers wife from Austin
Said how much his hobby was costin'.
She said with a scream,
You put up that big beam,
And the farthest you talk is to Boston!*

Sadly, as Wade deflected more parts, a full blown Hallicrafters HT-37 with a burned out power transformer caved in his cranium.

Ignoring the frenzy in front of him, as he was completely enthralled in his talk, Deeyex began a long discussion on the need for, training of, and deployment of Frequency Police. This immediately inspired Dale KG5U, who was grabbed as he stood and thrown from the balcony, screaming all the way down,

*There once were two DX cops from Kilkenny
Each cop thought there was one cop too many
So they fought and they fit
And they QRM'ed and they spit
'Til instead of two cops there weren't any!*

You really don't want to know what happened on impact, suffice to say, Dale did not have a happy landing as he found out just what The Old Man had always intended to do with a Wouff Hong.

Deeyex completed his dissertation on why QRP stations deserved to have kilowatt carriers aimed at them with 6 element mono-banders. He now began to praise DX Lists and DX Nets, proudly proclaiming himself the Top List Lizard of all time. JT W4SK broke into this with

*Two hams, in a shack near Khartoum,
raced headlong directly towards doom.
Carelessly loaded,
their amp soon exploded.
Sending both to their deaths with a boom.*

JT gasped as someone picked up that sharpened Rettysnitch and applied it to his throat rather forcefully.

Deeyex was now well into his thoughts for the future of DX'ing as he wanted it to be, when the Nominating Committee grabbed him from behind. Someone quickly gagged him with some used Coax-Seal, and Lhass Tue quickly tied him up with copper-clad steel wire. A hood was thrown over his head, and a phony confession was thrust in his hands, complete with a forged signature. As this was going on, Harry N2ERN entertained the crowd with

*I stalked my new one like a fox
and Scarborough arrived in my box
but my card was no good
'cuz the scaffolding stood
in the water and not on the rocks*

Harry went down in the crush as the surviving crowd surrounded Deeyex. A sign was attached to him, proclaiming him to be a "Communications Terrorist" to the world — with "Communications" in small print and "Terrorist" in large. His eyes widened in fright as he was stuffed into a large crate, marked for standard truck ground delivery to California, labeled "Do Not Open until the Visalia DX Convention." The crate was quickly loaded onto a waiting delivery truck and sped on it's way with many cheers from the survivors.

Of course, it wasn't until after the crate irretrievably left that we remembered about food, water, and those pesky air holes...

*** With Apologies to Rod Newkirk W9BRD (now VA3ZBB),
and in fond remembrance of the original tales of the DXH&PDS
from April issues of QST of years long past**

WASHNet Survey Results

Bryan Beyer K3OL, Net Manager

Thank you for taking the time to answer the WASH Net Questionnaire. The results show a majority of the hams check into the Net- 2 to 3 times per month. A vast majority want to keep the same day of the week and time slot for the Net (Sunday @ 9:00pm). As for the format there is a desire to mix up the format- 60% would like to remain status quo, while 40% want to add some new formats.

A simulated emergency drill would get wide acceptance with 66% wanting a drill and the balance might participate. 81% would like to see other types of special Nets like the Santa Net.

Half the Net participants have been Net Control Stations. Four of those who haven't been NCS would like some assistance; while most don't seem to have a desire to become one. Assignments will remain voluntary.

Below are the individual results.

1. Over the past 12 months, how often do you check into the Net?

- | | | |
|--------------------|-----|-------------------------|
| a. Never | 2 | |
| Equipment related? | Yes | 0 |
| | No | 2 |
| b. Occasionally | 4 | (~ 1 per month) |
| c. Frequently | 11 | (2 - 3 times per month) |
| d. All the Time | 3 | |

2. To increase your participation, what DAY of the WEEK would you like to see the NET?

- | | | |
|----------------------|----|------------|
| a. Keep it on Sunday | 17 | |
| b. Saturday | 0 | |
| c. Friday | 0 | |
| d. Other | 2 | (Weekdays) |

3. To increase your participation, what TIME of EVENING would you like to see the Net begin?

- | | |
|-----------------------|----|
| a. Keep it at 9:00 pm | 16 |
| b. 8:00 pm | 2 |
| c. 7:00 pm | 1 |
| d. Other _____ | 0 |

4. What type of format would you like to see on the Net? (Check all that apply)

- | | |
|-------------------------|------------------|
| a. Keep as is | 13 |
| b. Technical Roundtable | 4 |
| c. DX Roundtable | 2 |
| d. Other _____ | 3- Weekly Topics |

5. Would you participate in a simulated emergency drill?

- | | |
|----------|----|
| a. Yes | 12 |
| b. No | 1 |
| c. Maybe | 6 |

6. Would you like to see more special Net formats like the Annual Santa Net?

- | | |
|------------------------------|---|
| a. Yes, please suggest _____ | 9 |
| b. No | 2 |

7. Have you participated as Net Control Station (NCS)?

- | | |
|--------|----|
| a. Yes | 10 |
| b. No | 9 |

8. To get you to participate as NCS, we need to: (Check all that apply)

- | | |
|---|---|
| a. Have more "hands-on" training and feedback | 1 |
| b. Provide on-site Elmer to assist 1 st time NCS | 2 |
| c. Other _____ | 1 |

9. To spread the duty of NCS, the weekly assignments should be:

- | | |
|----------------|--------------|
| a. Voluntary | 15 |
| b. Mandatory | 0 |
| c. Other _____ | 3 - Schedule |

SkyWarn Training Class

Courtesy of Bob Ferry N3DOK

A SkyWarn Training Class will be held on Wednesday, April 3rd from 7:00 to 10:00 PM. The class will be held at the Allegheny County Fire Academy, 700 West Ridge Road (North Park), Allison Park, PA 15101. Their phone number is 412-931-3158. Talk-in on W3EXW/R 147.09 (+)



All amateurs are welcome to attend, whether or not they are Allegheny County residents, or currently have a SkyWarn Spotters Number (you will receive one by attending this class).

The instructor is Richard Karn.

The SkyWarn training will include: concepts of basic, intermediate, and advanced principles of severe storm spotting. Topics addressed: thunderstorms and thunderstorm hazards such as lightning, hail, downburst, winds and flash flooding. In addition, the class will cover tornadoes, tornado formation and evolution as well as several different aspects of severe weather formation and recognition.

A segment will be devoted to winter weather and storms. Images from the Doppler Weather Radar will be shown and discussion on how the National Weather Service uses spotter information with radar to issue warnings.

2002 City of Pittsburgh Marathon Needs YOU!

Konrad Kammerrer W3KK

The UPMC Health System/City of Pittsburgh Marathon has again requested Amateur Radio's participation in this year's event. The Marathon will take place on **Sunday, May 5th, 2002**. If you were a part of the success of last year's operation, I hope that you will be willing and able to join us again this year. If you are new to the hobby or have never participated in this event, we need **YOU**.

As in the past, we will be providing vital and necessary communication to ensure the safety and well being of all the runners and spectators. The tragic events of September 11th have not been lost on this year's race. Amateur radio is again being asked to be the "eyes and ears" of the Marathon. More than 150 amateur radio volunteers will be needed to support this effort. Over the past 5 years, the number of amateur radio volunteers have steadily dropped. I need your participation! I'm also asking you to recruit 1 operator who has never participated in this event. This is an opportunity for you and amateur radio to provide a public service to our community, as well as being part of this prestigious event.

(Editor's Note: You do not have to be an ARES member, or even a resident of Allegheny County, to participate — any amateur, anywhere, who'd like to come and help is more than welcome!)

Registration is easy. Go to <http://www.cs.pitt.edu/~hoffman/marathon.html>, fill out the form and hit send. That's all there is to it. You can also go to the UPMC/City of Pittsburgh Marathon web site, <http://www.upmc.edu/pghmarathon/>, to find out more about the event. You can also register as an amateur radio volunteer from this site. You will receive your assignment and detailed instructions the week of the event. A pre-race meeting will also be held the day before the Marathon to answer questions and to pick up your credentials, hat and shirt.

**If you fall from the top of your 100' tower, remember to look carefully to the left.
You'll never see anything like that again
— Steve Katz WB2WIK/6**

(I-Link Continued from page 1)

other repeater contact, except that the person on the other end could be from anywhere in the world.

To originate a call from the repeater send the "*" character from your DTMF keypad.

This plays the system info, letting you know if the system is operating and you are in range.

Primary I-Link Control Codes:

- 00** Connect to random station [any station]
- 01** Connect to random repeater station [only repeaters/links]
- 02** Connect to random conference server
- 05** Stop Internet calls for 10 minutes to have a QSO or private chat on repeater.

Can be 'renewed'. Enter when no user is connected. Outgoing DTMF connects unaffected. # DISCONNECT a link.

* Request station info file to be played. Brief instructions. Useful to see if you are in range of a link.

nnnnn Connect to station index number nnnnn The Station Codes are available from the Internet either via the I-Link Software or by going to <http://www.aacnet.net/>

Accessing the I-Link System:

For example, you wish to connect to station number 13181 using dtmf.

1. Go to your local iLINK gateway repeater station, wait for a few seconds to ensure the freq is clear and there is no QSO already in progress.
2. Transmit and key in 13181 using your dtmf keypad, the station will read back the number it is connecting to. If this is incorrect, key # (disconnect) now.
3. The gateway will shortly respond with 'connected' and a welcome message may then play, or you will hear 'STATION NOT CONNECTED' message.
4. Transmit and use as a normal repeater.
5. Disconnect your link by keying # on your DTMF keypad.

More instructions and details can be found on the N3UE Web Page, <http://home.attbi.com/~wolfie132/radio/I-LINK.HTM>

Finally, To use iLINK from the Internet, download the user access software and read the instructions that come with it.

As Scribbled by Ed Wolf N3UE

(because Paul Lusardi NØVLR Made Him Do it)

Statistics are like a bikini:
What they reveal is interesting,
but what they conceal is vital
— John Warren NT5C

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!

DX News Briefs



You thought February was good? The end of March may have topped it. Normally, an expedition like **XRØX** to San Felix (Chile) would have been big news, but it was eclipsed by **VP6DI** activating the new Ducie Island DXCC entity. After the first few days, XRØX became easy to work on most bands and modes, but VP6DI proved to be tough for many to the very end. The Ducie expedition concentrated on 15 meters, trying to hand out the new one to as many of "the deserving" as possible, which often frustrated DX'ers looking for a particular band or band/mode slot, and persistent jamming from frequency terrorists didn't help. QSL VP6DI via VE3HO, XRØX via N7CQQ — VP6DI, XRØX, AF2C, K6GNX, W3UR

K8WK notes that a group may be traveling to **3V8** later this year. If you have a particular band or mode needed, email Steve at litwins@badsector.com and he will pass it along — K8WK

The Sir Francis Drake Report:

"**BS7H/BA1HAM**" operating 15 CW on March 26th is a pirate. There is no activity from Scarborough; BA1HAM is still in Beijing. — NE9Z

"**EP1DX**" claimed DL1EL as his manager, but he's Slim — OE1002419

So are "**5R5AF**" and "**EP2MM**"; W5TOE is begging people to please stop sending him cards for EP2MM — DL6ZFG, KI4RU, W5TOE

Willy **EL7X** was QRV in the early 1990's. He's now **PAØWVV** and still has the EL7X logs for anyone needing a QSL card — PAØWVV

Waiting for a QSL from **KC4USV** or **KC4AAA**? K1IED reports he's had some trouble with the KC4USV logs. All KC4AAA QSL's through December 2001 are now sent, and he's currently working on "dual" cards for both stations. He asks people to be patient! — KDØAL

Look for **HH4/K4QD** April 8th – 19th. He will be operating in his spare time in Haiti with 100 Watts. QSL via home call — K4QD

VK1AA is currently QRV as **H4ØXX**. He will be active as **H44TL** from April 7th to 9th. YT6A was unable to join him, so he is limited in how much equipment he can haul between the two locations. QSL both operations to VK1AA — VK1AA via KF2TI

ANATEL (Brazil's counterpart to the FCC) cancelled the license of notorious QSL Manager **PY3ZM** due to a "wrong interpretation of the Brazilian Rules." As of February 4th, Michale Guy Hamoniaux (also known as F/HH2HM & OK8ZM amongst other calls) is no longer entitled to use or operate the PY3ZM callsign, and it is no longer listed in the CWSP on-line callbook for Brazil. — PY5EG (*HH2HM is no longer listed; OK8ZM is listed in QRZ but not in the Czech callbook — Editor*)

QSL Routes

3ZØPW via DL3KDC — 3ZØPW
ZQ7LA via GØIAS — EA5BY
7XØDX via SP5UAF — SP5UAF
8P5A via W2SC — KI4RU
3ZØPW via DL3KDC — 3ZØPW
AH4/AH7G via AH7G — W9OL
CYØXX via WA4DAN — W9OL
EA8AH via OH1RY — EA8AH
EL7X via PAØWVV — PAØWVV
H4ØXX via VK1AA — K6KM
LU1ZA via LU4DXU — W7WK
OA4SS via KB6J — OA4SS
PJ7ND5S via ND5S — W9OL
R1ANZ via RU1ZC — RV3ECW

S21/OK1FWC via OKDXF — K8AV
T88C via K6VNX — N2JTX
TU2DP via K4MQL — KDØAL
V31MF via KC5ZT — KI4RU
VP2VF via HP3XBS — NØJT
VP5WW via KX4WW — W4OX
VP8SGK via GMØHCK — W9OL
VP8SIG via GMØHCK — PA4WM
VY1JA direct only — VY1JA
XP1AB via OZ1ACB — EA5BY
YN4SU via TI4SU — W6YOO
YU8/9XØA via UA3DX — RV3ECW
ZC4BS via G4KIV — EA5BY
ZD9IR via ZS6EX — W9OL

Thanks to the NJDXA DX News & DX Chat Reflectors, 425 DX News, OPDX News, & ARRL DX Bulletins 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.**

For Sale:

- (1) Jefferson Travis JT-350A Transmitter/Receiver. This is a relatively rare WWII-era Army AAF transmitter/receiver setup used at temporary airfields. It was never assigned an SCR- or BC- designation because it was not a Signal Corps product. These were acquired by the AAF prior to the AAF falling under the jurisdiction of the Signal Corps. This one is in nice cosmetic condition. It had been modified with an SO-239 in place of the original ceramic antenna post but I put the original ceramic post back in place. These use a pair of 807's in the finals modulated by 807s. The other tubes are all loktals. This one comes with the shockmount, 350PS AC power supply, transit case, and all cables. The radio weighs about 90 pounds and the power supply is another 120. This should be very restorable but it is untested by me. \$333 with manual photocopy.
- (2) National NC-100X receiver. This was the first of the National sliding-coil receivers. A 1938-vintage general coverage receiver with National PW dial, tuning eye and the famous sliding coil assembly for band changing. With Crystal filter and matching speaker. This is the radio with the famous red and black art deco front panel. This set has been partially recapped and was working but not very well the last time I used it. Manual photocopy included plus other material I have gathered over the years on this radio. Unmodified. Complete. Very good or excellent looking. \$350.
- (3) Homebrew HF transmitter using a single 813 in the final. This is a huge, rackmount transmitter with rackmount power supply. The transmitter uses about 20" of rack space and the power supply is about the same. This is a bandswitching rig with no plug-in coils. Very dirty and with much surface rust on many components, especially in the power supply area. I know nothing about this unit. Untested. As-is. \$80

Contact Don Merz N3RHT at 412-234-8819 weekdays

For Sale:

- (1) ARRL "Your Introduction to Morse" CD, current (07/2001) version, \$10
- (2) Antenna Specialist AP-143 2M On-Glass antenna. Good condition \$35,
- (3) MFJ 862 2M/220/440 Cross Needle SWR/Power Meter. Brand new condition \$40

Contact Jeff Farrar W3JAF 724-926-2760 jeff@farrar.com

For Sale: Antique Radio Collection.

Moving to a smaller cave, make offers:
 Four (4) bad 201A tubes, good for display.
 Airline Mod 04BR-729A BC/SW 6 Buttons 5 Knobs.
 Atwater Kent: Model 33
 Atwater Kent Sailing Ship, metal, black/red Mod35.
 Bosh Radio Mod 28/38 w/instructions, guarantee 6/28.
 Cabinet, battery sets, 23w11.5d,23.75h.
 Crystal Set, Box, dials and inc galina and whisker.
 Crystal Set, Howe Auto Products, missing galina.
 Crystal Sets, 2, circular, one has polished brass.
 Earphones "Cannonball Dixie".
 Earphones "Brandes".
 Earphones "Scientific Navy Type".
 Emerson, Mod 250AW, small table top.
 Kolster Mod K20, claw feet, and a batt holder & stand.
 Large Horn Speaker.
 Philco: Beehive Mod 89, Mod 40-100
 Pooley Radio Cabinet for Atwater Kent, Sophisticated.
 Radiola 100 Speaker
 Radiola 17
 Radiola 18
 RCA Needle Point Speaker, Mod 103.
 RCA 8T243 Projection Base TV, connected to projection base by Protelgraph, with extra projection tube. Small Horn Speaker.
 Sparton Mod 930, working console.
 Tube Tester, The Radio Products of Dayton .
 Zenith 6D030.
 Zenith Console w/record player, beautiful & works, model 7S682JJ.
 Zenith H7232 w/operating guide
 Zenith Mod 33X.
 Lot of knobs, tube holders, publications & other related materials.
 Contact Al Herrle KA3UPY 412-922-0328 AlHerrle@aol.com

ARRL Petitions FCC to "Re-Farm" Novice CW Bands

ARRL Web Extra courtesy American Radio Relay League

NEWINGTON, CT, March 22nd, 2002 — The ARRL has asked the FCC to eliminate the 80, 40 and 15-meter Novice/ Technician Plus CW subbands as such and reuse that spectrum in part to expand the phone allocations on 80 and 40 meters. In a *Petition for Rule Making* filed today, the League requests that the FCC revise its Amateur Service rules in accordance with the modified Novice band "refarming" scheme the ARRL Board of Directors okayed in January. The *Petition*, which includes some additional, lower-profile requests, has not yet been put on public notice for comment.

"ARRL suggests that it is urgent that the Commission consider revisions to operating privileges in the Amateur Service," the League said in its *Petition*. "The opportunity to eliminate the Novice and Technician-Plus telegraphy subbands and the reapportionment of those inefficiently deployed segments will allow alleviation of significant, sometimes critical, overcrowding in the popular Amateur HF allocations."

The ARRL also cited "substantial advancements in the use of digital techniques" in the HF bands — such as PSK31 — to bolster its assertion that a refarming plan for the underutilized Novice HF subbands "cannot wait longer and must proceed now." The Novice refarming plan adopted by the ARRL Board of Directors was based on the recommendations of the ARRL Novice Spectrum Study Committee following a survey of the amateur community last year.

In the wake of the FCC's 2000 restructuring of amateur licensing, the current Novice/Tech Plus CW bands continue to be sparsely occupied, the ARRL pointed out, while other amateur HF segments are severely overcrowded. "ARRL views this 'refarming' proceeding as urgent and critical," the League said. Under the proposal, no operator class would lose privileges, and most would gain.

If the FCC approves the plan, current Novice and Technician Plus (ie, Technician with Element 1 credit) licensees would be permitted to operate on the 80, 40, 15 and 10-meter General-class CW allocations at up to 200-W output. For General and higher class operators, the ARRL wants the FCC to implement changes in the 80, 40 and 15-meter "phone" bands.

On 80 meters (3500-4000 kHz), phone privileges would begin at 3725 kHz for Extra, at 3750 kHz for Advanced and 3800 for General. That's an additional 25 kHz for Extra and Advanced operators and another 50 kHz for Generals.

On 40 meters (7000-7300 kHz), phone privileges would begin at 7125 kHz for Advanced and Extra and at 7175 kHz for General. That's an additional 25 kHz for Extra and Advanced operators and another 50 kHz for Generals.

On 15 meters (21,000-21,450 kHz), phone privileges would begin at 21,200 kHz for Extra, at 21,225 kHz for Advanced and at 21,275 kHz for General. That represents no change for Extra and Advanced operators but means another 25 kHz for Generals.

On 10 meters, the ARRL has recommended no changes other than to accommodate CW, RTTY and data by Novice and Tech Plus licensees over the 28,000-28,300 kHz segment.

"While there are various specific configuration options for the refarmed bands, ARRL's survey supports the proposal contained herein, and in fact could support even greater expansion of the telephony subbands than is proposed herein with respect to the 80 and 15 meter segments," the ARRL said in its *Petition*. However, the ARRL urged the FCC to carefully balance the desire for more phone spectrum in the affected bands against "the important goal" of encouraging further development of narrow band data modes in the CW segments. "ARRL believes that the configuration proposed herein reaches the right balance," the League suggested.



WACOM ARC Hamfest

Sunday, April 28th, 2002 — *Please Note New Date!*

8 AM until 3 PM Rain or Shine

Washington County Fairgrounds

Washington, PA

Talk-In on 146.790(-)

VE Testing Will Be Available

48th Annual

Breezeshooter's Hamfest

Sunday, June 2nd, 8 AM until 3 PM

Butler Farm Show Grounds, Butler PA

Fly-In Available at Roe Airport

Talk-in on W3UDX/R 147.360 (+)

VE Session courtesy Ellwood City ARA VE Team

Maps and More Information Available at

www.breezeshooters.net

4th Annual WASH Picnic

At the Breezeshooter's Hamfest

Sunday, June 2nd, ~11:30 AM until ~1 PM

At the WASH Location in the Flea-Market

Somewhere in the vicinity of the Grandstand

Along the Fence (Look for the Hex-Beam!)

Spend the morning at the Breezeshooter's Hamfest meeting your fellow WPA hams, buying and/or selling equipment, & dodging golf-carts full of Breezeshooters.

Then sit down, relax, and join your fellow club members for lunch, friendship, operate N3SH (if set up) & a chance to brag about the deals you made or passed on. This will again be a pot-luck/covered-dish style picnic, so everyone is asked to bring a food, snack, or desert along to share. Contact Ron WN3VAW to find out what we need. There is NO COST to attend the picnic, but it is NOT open to the general public, only to WASH Members, Family, Friends and Invited Guests



WIRELESS ASSOCIATION OF SOUTH HILLS, INC.

Membership Application/Renewal for 2002



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 **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: _____

Amount Enclosed: \$ _____

Signature: _____

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					

Available	Cost (S M L XL)	Cost (2X 3X 4X)
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

Inside This Issue:

- It's April again, and you know what that means... the WPA DXH&PDS is at it again!
- ARRL asks the FCC to drop the Novice CW bands — read what they're asking to do!
- Ever hear of HH2PM? Find out the latest
- Don't forget: The Pittsburgh Marathon Needs You (& 150 of your closest friends!)
- SkyWarn Training Classes Upcoming!

All this and more... waiting for your right inside these pages...



Ten Tec unveiled the prototypes for their two newest HF radios, the new high-end Model 565 Orion, and the QRP Model 516 (Newest Argonaut?), at the Charlotte NC Hamfest on March 9th & 10th. Photos by & © Copyright 2002 Joe Blackwell AA4NN. Courtesy of Joe Blackwell AA4NN, Steve Ellington N4LQ, and the Ten Tec Reflector at www.contesting.com



The WASHRag

Wireless Association of South Hills, Inc.
Ron Notarius WN3VAW, Editor
3505 Rosalia Avenue
Castle Shannon, PA 15234-2317



N3SH / WA3SH
www.washarc.org