



WASHRAG™

www.washarc.org

Volume 5 Issue 6

June 2003

N3SH
WA3SH
WP2AIQ



Wireless Association of South Hills

Field Day 2003: Let's Go!

After the long winter siege it's hard to imagine that Field Day is LESS than a month away. This is really our most important Club operating activity because Field Day affords more members (and guests) a chance to have lots of "eyeball" QSO's, lots to eat and at least five HF stations to operate not to mention a satellite station, PSK31, SSTV, solar powered equipment and the slickest logging network since they invented sliced bread.



Since the last Club meeting we've built four dipole antennas, purchased Bandpass filters at Dayton, and we've scheduled a test run of the 20 meter Yagi at the Breezeshooter's this weekend.

At the May Club meeting we voted to award a Field Day Pin to everyone who contributes in any way to our Field Day effort. Of course the major effort will begin right after breakfast on Saturday June 28th and will continue non-stop until 2:00PM local time on Sunday the 29th.

Do yourself a favor and block out some time to visit and participate in the **WASH's** best Field Day effort yet.

73, Bill Hill W3WH
WASH Field Day 2003

The **WASH** Field Day site will once again be at the **Library Sportsmen's Association** (thanks again to Hank KB3FNM *et al.* for arranging this!), south of Library, PA (just past **Trax Farm** across from **Mineral Beach**) on Route 88. Talk-In on 146.955 and 443.650 MHz. Operations commence just after breakfast and continue through clean-up on Sunday afternoon; help needed everywhere from setting up antennas and stations to operating, logging, cooking, and eventually tear-down and clean-up. Contact W3WH on the air, via email or at the next club meeting, and let him know about when you can be there and what you can help out with.

Remember, Field Day is open to all club members, and guests including the general public to come and see what Amateur Radio is all about, so invite a prospective new ham or new club member to come and visit the **WASH** Field Day setup today! — WN3VAW

LF & 60 Meters

"Be careful what you wish for... you might get it" seemed like a good philosophy after the FCC announced their decision on proposed Amateur allocations in the 60 meter and Low Frequency bands.

In a Report and Order issued on May 14th, the FCC declined at this time to provide Amateurs with access to a so-called "sliver" band centered at 136 kHz. Although early indications approximately a year ago seemed in favor of the proposal, the Commission decided to accede to comments made by electrical utilities and others that the proposed Amateur allocation would interfere with utilities PLC communications on or near that frequency band. (PLC, or Power Line Communications, is used to control the power grid.) The FCC said a new amateur LF allocation is not justified "when balanced against the greater public interest of an interference-free power grid." The FCC said amateurs wishing to experiment with LF could apply for experimental licenses or operate under existing Part 15 rules on that part of the spectrum. "We will not jeopardize the reliability of electrical service to the public," the FCC concluded.

In the matter of the proposed 150 kHz allocation at 60 meters, again despite indications a year ago of a more favorable outcome, the FCC bowed to late comments filed by the NTIA alleging that current government allocations in that band were required for homeland security and similar uses. The NTIA identified 5 individual 2.8 kHz voice channels that were lightly used enough to justify an Amateur presence. As a result, the FCC has allocated the five channels (5332, 5348, 5368, 5373, and 5405 kHz) on a secondary basis to the Amateur service. Amateurs are limited to 2.8 kHz USB only, 50 Watts ERP maximum

(LF & 60 Meters Continued on page 3)

**REMEMBER! MEETING LOCATION:
PETERS TOWNSHIP LIBRARY**

Next Meeting: June 12th, 2003

The next monthly meeting of the **WIRELESS ASSOCIATION OF SOUTH HILLS, INC.** will be Thursday, June 12th, at the **Peters Township Library**, 616 East McMurray Road, McMurray, starting at 6:30 PM.

Final Field Day preparations will be on the agenda (no word as of deadline as of a guest speaker, listen on the Sunday net for last minute updates!)

Talk-in on the 146.955(-) N3RN/R and 443.650(+) N3BV/R Repeaters (131.8 PL). All members, guests and interested parties invited!

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

**June NCS
Stations:**

- 06/01 Michael KB3HPF
- 06/08 Bill W3WH
- 06/15 Carol KB3GMN
- 06/22 Kevin N3HKQ
- 06/29 Frank KB3FZU


Alternates & Backups
Frank KB3FZU
Dave N3IDH
Ron WN3VAW

Want to volunteer to be
a Net Control Station?
Please contact FM Net
Manager Kevin N3HKQ
for more information.

**LOOKING
AHEAD:**

- North Hills
ARC Hamfest
July 13th
- Pittsburgh
Vintage
Grand Prix
July 19th &
20th
- Skyview
Hamfest
August 24th
- WPA Section
Convention
September 7th

June 2003

Sun	Mon	Tue	Wed	Thu	Fri	Sat
Breezeshooter's Hamfest	2 GPVHFS Meeting Breezeshooters Net 2 Rivers ARC Net Triple 'A' ARA Net Beaver Co PS Net	3 S H B P & M Meeting Skyview RS Meeting North Hills ARC Net WACOM Net SATERN Net GPVHFS Swap 'r' Shop Net	4 Uniontown ARC Meeting Steel City ARC Social Night Allegheny Co SKYWarn Net Allegheny Co ARES Net Westmoreland Co ARES Net	5 WACOM Meeting RA Erie Meeting Uniontown ARC Net	6 Eico ARS Meeting	7 Beaver Valley ARA VE Test RA Erie VE Test Somerset Co ARC Breakfast Foothills ARC Breakfast Nittany ARC Coffee Call North Hills ARC Elmer Net
8 OCWA Pittsburgh Net South One ARES Net North Hills ARC Teen Net Somerset Co ARC Net WASH FM Net	9 Bum of the Month Lunch ARL Lawrence Co Meeting Breezeshooters Net 2 Rivers ARC Net Triple 'A' ARA Net Beaver Co PS Net	10 Foothills ARC Meeting Coke Center ARC Meeting Nittany ARC Meeting Ft. Venango M&K Meeting Punxsatawney AARC Meeting North Hills ARC Net WACOM Net SATERN Net GPVHFS Swap 'r' Shop Net	11 North Hills ARC Meeting Laurel Highlands VHF Meeting Steel City ARC Social Night Allegheny Co ARES Net Westmoreland Co ARES Net	12 WASH Meeting	13	14 VHF Contest Flag Day 2 Rivers ARC Breakfast North Hills ARC Breakfast Quad Co ARC Breakfast Breezeshooters VE Test North Hills ARC VE Test Tri-County CW ARC VE Test
15 VHF Contest Father's Day Elk Co ARC Meeting OCWA Pittsburgh Net South One ARES Net North Hills ARC Teen Net Somerset Co ARC Net WASH FM Net	16 Steel City ARC VE Test Breezeshooters Net 2 Rivers ARC Net Triple 'A' ARA Net Beaver Co PS Net	17 Steel City ARC Meeting Tri-County CW ARC Meeting Juniata Valley ARC Meeting Pymatuning ARC Meeting McKean Co ARC Meeting North Hills ARC Net WACOM Net SATERN Net GPVHFS Swap 'r' Shop Net	18 SATERN VE Test Huntington Co ARC Meeting Allegheny Co SKYWarn Net Allegheny Co ARES Net Westmoreland Co ARES Net	19 Somerset Co ARC Meeting Greene Co ARC Meeting Cumberland Valley ARC Meeting Uniontown ARC Net	20 2 Rivers ARC Meeting Quad Co ARC Meeting	21 Kid's Day 2 Rivers ARC VE Test Nittany ARC Coffee Call North Hills ARC Elmer Net
22 OCWA Pittsburgh Net South One ARES Net North Hills ARC Teen Net Somerset Co ARC Net WASH FM Net	23 Breezeshooters Net 2 Rivers ARC Net Triple 'A' ARA Net Beaver Co PS Net	24 Mercer Co ARC Meeting Triangle ARC Meeting North Hills ARC Net WACOM Net SATERN Net GPVHFS Swap 'r' Shop Net	25 North Hills ARC Activity Night Steel City ARC Social Night Allegheny Co ARES Net Westmoreland Co ARES Net	26 Uniontown ARC Net	27	28 WASH Breakfast North Hills ARC Elmer Net
29 OCWA Pittsburgh Net South One ARES Net North Hills ARC Teen Net Somerset Co ARC Net WASH FM Net	30 Breezeshooters Net 2 Rivers ARC Net Triple 'A' ARA Net Beaver Co PS Net	7/1 S H B P & M Meeting Skyview RS Meeting North Hills ARC Net WACOM Net SATERN Net GPVHFS Swap 'r' Shop Net	7/2 Uniontown ARC Meeting Steel City ARC Social Night Allegheny Co SKYWarn Net Allegheny Co ARES Net Westmoreland Co ARES Net	7/3 WACOM Meeting RA Erie Meeting Uniontown ARC Net		7/5 WPA Hilltoppers VE Test RA Erie VE Test Nittany ARC Coffee Call North Hills ARC Elmer Net
Field Day						Field Day

WASH 2003 OFFICERS

EXECUTIVE COMMITTEE:

President Shawn Djernes NØPEU
VP / Secretary Frank Bobro KB3FZU
VP / Treasurer Mark Stabryla N3RDV

AND WE COULDN'T DO IT WITHOUT:

N3SH / WA3SH Trustee Steve Lane W3SRL
WP2AIQ Trustee Paul Jordan NP2JF
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) Kevin Smith N3HKQ (open)
Digital Net (10 Meter) Steve Lane W3SRL
WASHFest 2003 Co-Chairman (South Hills Hamfest) Bill Hill W3WH
Activities & Operating Events Bill Hill W3WH
Field Day 2003 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 N3RN/R 146.955 - PL 131.8
Mt. Lebanon W3SRL/R 442.550 + PL 131.8
Echo Link #26861 (courtesy W3SRL)
443.650 + PL 131.8
Canonsburg N3BV/R

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

THE LEGAL STUFF

"The WASHRag™" (formerly **"The Mariner™"**) is the Official Newsletter of the **WIRELESS ASSOCIATION OF SOUTH HILLS, INC. (WASH)**

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The **WIRELESS ASSOCIATION OF SOUTH HILLS, INC.** was founded on August 23rd, 1993, as the original **SOUTH HILLS AMATEUR RADIO CLUB**, and operated under that name through 1998. WASH was also known briefly in late 1998 as the **N3SH AMATEUR RADIO CLUB**. It is not in any way affiliated with the "South Hills Amateur Radio Club, Inc." and is not responsible for that group, it's members, or it's actions in any way, shape, or form.

As always, special thanks to the owners of both the N3RN/R Repeater System and the N3BV/R Repeater System for permitting the **WIRELESS ASSOCIATION OF SOUTH HILLS, INC.** and it's members to use their repeaters for club purposes. Special thanks also to our webmaster, Bob Sanford AA3FI, and to Shawn Djernes NØPEU for providing space on-line for back issues of **"The WASHRag™"** which can be found at www.washarc.org or www.djernes.org/washrag

WASH Amateur Radio Club News Briefs

Next WASH VE Test July 17th!

The Next WASH VE exam sessions will be **Thursday, July 17th, 2003, 6:30 PM**, at the **Peters Township Library**, 616 East McMurray Road, McMurray, 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 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 **\$12.00** (payable to: ARRL VEC)

Future test dates: Thursday, October 16th, 2003
Thursday, January 15th, 2004
Thursday, April 15th, 2004
Thursday, July 15th, 2004

Wireless Association's 10th Anniversary 1993 – 2003

This year marks the 10th Anniversary for WASH. Have any favorite stories or tall tales about the early days of the club? Let us know — we hope to be able to run some of those during 2003!

The **WASH Breakfast Gang** is scheduled to get together on May 31st. Since we're trying to get the newsletter in your hands before the weekend, we'll report on the gang's activities in the next newsletter.

The next Club Breakfast will be returning to the **Ponderosa Steakhouse**, Wal Mart Plaza, Route 19 & Murtland Avenue, Washington, on May 31st, then back to **Dietz's Restaurant** in the Caste Village Shops, Grove & Baptist Roads, Whitehall, on June 28th. See you there!

OK, who ordered their burger "well done?": Coming back from Dayton, we were a little startled to see in the weekend news that on Friday, May 16th, the Dollar Store in the Caste Village Shops had a small fire. That store and the adjoining storefronts (one of which was empty, the store had just moved within the strip mall) were destroyed, and most of the rest of the stores from the Subway to the Amoco station suffered smoke and water damage... including **Dietz's Restaurant**. As of deadline, they have yet to re-open and appear to still be cleaning up and doing a little bit of remodeling. They may be re-open in time for the June breakfast — newspaper accounts differ between several weeks and several months until the cleanup is done and the various stores all reopen. If it looks like they won't be, watch the club email reflector and listen to the weekly club net for an updated venue. If we do have to move the June breakfast, we'll shoot for a restaurant closer to the Field Day site (possibly the South Park **Eat 'n' Park?**) just to make it easier on everyone. Once they re-open, we'll resume our regular "even month" breakfasts there, keeping the "odd month" ones at the Washington **Ponderosa**.

Hamvention 2003 Wrap-Up: It almost goes without saying that everyone from **WASH** that traveled to Dayton this year for Hamvention had a great time, despite soggy and cool weather in May (sounds like Mother Nature finally realized that they'd moved the date back!). Special thanks again to Greg KQ3DX who made the arrangements for our lodging at the University of Dayton! Some of the highlights noted:

- Attendance was down again this year, very noticeably so. Early "official" statistics pegged the numbers around 25,000; if this is accurate, it may indicate that many amateurs are simply not staying at Hamvention as many days as they used to. There were many times that the Kenwood, ICOM, and Yaesu booths, normally wall-to-wall, were almost deserted — including during some of the heavier downpours on Saturday.
- Many areas of the HARA Arena were empty, and the flea market had many notable vacancies, also contributing to the impression that Hamvention attendance was down. CQ and Bencher were moved to new locations after the program was printed, adding to the confusion. Many long-time vendors (Drake, The Daily DX to name two) were simply not there or were hard to find (for example, QRZ.COM was co-located with Gordon West, something not shown in the program... and we never did find the Hex Beam folks!).
- Usually you can count on a lot of DX amateurs hanging around. While there was quite a lot of DX around, the numbers were, again, notably down. There hardly seemed to be any JA, South American, and Eastern European amateurs handy, and very few from the Middle East. A combination of the economic times and current events no doubt contributed to many changing or canceling their travel plans this year.
- Ten-Tec had a small but steady crowd around two of their new Orion transceivers & new Titan III amplifier. ICOM announced their new IC-7800, but did not have a working unit on display (a mock up was shown under Plexiglas); on paper the IC-7800 appears to "out do" the new top-of-the-line Orion, but at a hefty price tag estimated at over \$9000 retail.
- Rumors continued to circulate that Hamvention was going to leave HARA in the near future. Word was that the Dayton ARA had renewed for a short term (3 year?) contract. Is Columbus Hamvention far off?
- W3WH & W3SRL were able to secure the band pass filters for N3SH Field Day! And KQ3DX will soon be QRV Truck Mobile!

(LF & 60 Meters Continued from page 1)

power output (relative to a dipole as a 0 db gain antenna). The channels will be limited to General and higher class Amateurs.

"While the new amateur privileges at 5 MHz are not as flexible as we had hoped, we recognize that much has changed since the ARRL petition for rulemaking was submitted to the FCC in the summer of 2001," ARRL CEO Dave Sumner K1ZZ said. "Federal agencies with homeland security responsibilities have renewed interest in HF radiocommunication."

In other actions within the R&O, the FCC also changed the status of the Amateur Service (but not the Amateur Satellite Service) in the 2400-2402 MHz band to Primary, making the Amateur allocation of 2390 – 2417 MHz "seamless" in Primary status. Amateur experimentation with the "Wi-Fi" 802.11b wireless network protocols takes place within this band (other 802.11b users fall under Part 15 rules)

These changes are due to take effect 30 days after they are published in the Federal Register. No word has been received yet as to when that will take place. The Report and Order is available on the FCC's Web site, http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-03-105A1.doc.

— information courtesy of the American Radio Relay League via their web site and ARRL Bulletin service

WASH at the Breezeshooters Hamfest!

Don't forget... if you're planning on going to the Breezeshooter's Hamfest on June 1st, join us for lunch starting around 11:30. Look for the club gathering (usually around the vicinity of the grandstand along the fence line or very close to it) on arrival and plan accordingly!

As usual, this will be a "pot luck" or "covered dish" affair. The Club is taking care of the burgers, dogs & drinks; we all need to chip in on everything else.

And if you're planning on selling in the flea market, why not join us in the "club" area? This way we can all cover for each other whenever you need to leave your table for any reason!

Club news seem a little sparse this month? The newsletter is only as good as the input. It's up to YOU to keep the editor up to date on what's going on and what you're doing — if we don't know, we can't put it in! And yes, that means writers are needed for articles! What are you doing? What's your interest? What do you think the club should be doing? Space is available every month, but it's up to you to write it down and send it in!

Join WASH or Renew your Membership Today! Membership Application on Page 11!

Minutes, May 8th Meeting

Frank Bobro KB3FZU, VP/ Secretary, WASH

Shawn, NØPEU, **called** the meeting **to order** at 18:33 hours. There were 35 members and guests in attendance.

A **moment of silence** was observed for recent Silent Keys and other deserving persons.

A motion was made to **accept the minutes** of the April meeting as published in the April newsletter. It was made by Bob, W3RWS, and seconded by Bill, W3WH. The motion was voted on and passed.

Committee Reports:

Treasurer (N3RDV): Mark reported the club's financial status.

Secretary (KB3FZU): No report.

VE Report (N3ZEL): The three candidates that attended our last VE session passed their exams.

Repeaters (N3RNX & W3SRL): The repeaters are repeating.

FM Net Report (N3HKQ): There are a few openings for net control stations. See Kevin after the meeting if you can help.

Ways and Means (KB3GMN): The 50/50 will be held after the meeting.

Public Service (N3RDV): No report.

Contests (K3VX): No report.

Newsletter (WN3VAW): No report.

President's Report (NØPEU): No report

Old Business: Ted, W4ZE, reported the results of his committee to study band pass filters. The committee recommends that a set of 6 filters made by Array Solutions for 160 – 10 meters be purchased at a cost of \$500.00.

Bill made the motion to allocate \$500 + tax and shipping for the purchase of band pass filters at the Hamvention. It was seconded by Ritchie, N3SBF. It was voted on and passed.

New Business: Field Day Bill, W3WH, reports that progress has been made at the site. Larry, Dan, Kevin and Bill placed some engineers cord in the trees and have "pre-engineered" the site. We are planning to use 2 dipoles 90 degrees from each other, the first will operate on 160 and 40 meters. The other dipole will be an 80 and 40 dipole. We also plan to use the hex beam on 10 meters. Steve will provide the other two antennas which will be on 15 meters and 20 meters. We could possibly use the 6 meter antenna and the HF vertical. The radio layout will be the same as last year: two SSB radios, one RTTY radio, one CW radio and a GOTA radio. We will be using the same software as last year. Bill, W3WH, motioned that we allocate \$200 for Field Day food. Bob, W3RWS, seconded. It was voted on and passed.

Bob, W3RWS, made a motion that you had to work 25 contacts for a Field Day pin. The motion died on the floor.

Dave, N3IDH, suggested that anyone who makes more than 25 contacts gets the pin for free, anyone who works at the site is eligible for ½ price and any non-ham can get the pin for free. This was discussed but not voted upon.

Bill, W3WH, motioned that anyone who contributes to Field Day is eligible for a pin, Randy, N2QIV, seconded. Voted on and passed.

The Field Day pins cost \$5.00 each. There will be a coffee can at the Field Day site so any club member can make a donation to offset the cost to the club.

Good of the Order: Ed, N3ZNI, can check your vehicles before the trip to Dayton. Contact him if you need to get this done.

Steve, W3SRL, is compiling a list of Cell numbers for Dayton. The usual frequency - 146.955 simplex with a tone of 131.8 – will be the clubs means of contact in Dayton. The Club dinner in Dayton will be on Thursday at 7 PM at the Outback Steakhouse.

The Breeze Shooters Hamfest is June 1st. Bob, W3RWS, made the motion we allocate \$60 for tickets at the Breeze Shooters Hamfest. Carol, KB3GMN, will buy the tickets. Harold, KB3CPI, seconded. The motion was voted on and passed.

Paul, NØVLR, will be vacationing in South Carolina and he will try to use echo link to contact us back here.

Bill, W3WH-- The DX trip to St. John will be in October. Paul Jordan NP2JF, a former WASH member, is making the arrangements to apply for a call sign for St. John (Note: WP2AIQ was allocated by the FCC to the club in February

WASH Spotlight: Carded!

The AH3D team announced just prior to Hamvention that they would make QSL's available on-the-spot to all deserving DX'ers who showed! Ed N3ZNI (left) took advantage, shown here with (L – R) W3UR, OH2BH & OH2JTE. Photo courtesy of & ©Copyright 2003 Dave Wagner KB3GOT.



Every month we're going to feature a WASH club member, something about them, or a club- related activity that we're involved in, in the **WASH** Spotlight. Submissions should be sent to Ron Notarius WN3VAW, wn3vaw@arrl.net

Monthly WASH Breakfasts Saturday, May 31st & June 28th

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, drink lots of coffee, and just have a good time together!

Starting in 2003, we will be alternating our breakfast locations every month to make it easier for club members to get to at least one of them:

Join us in EVEN-numbered months at **Dietz's Restaurant**, Baptist & Grove Roads in the Caste Village Shops, Whitehall.

Join us in ODD-numbered months at the **Ponderosa Steak House**, Wal-Mart Plaza, US Route 19 @ Murtland Road (just off Interstate 70), Washington.

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	KB3ERQ	KC2JJB	N3PN	N3ZNI	Barbara Mistic
AA3JS	KB3FNM	KC6VLV	N3QMV	N4MIS	
AB3AB	KB3FZU	KD3JV	N3RDV	NP2JF	
K3BZW	KB3GMN	KE3XB	N3RHT	N8DPW	Silent Keys
K3LIE	KB3GMO	KE7FD	N3RNX	W3GEL	K3EED
K3OL	KB3GMP	KE8RN	N3SBF	W3HND	KB3FQT
K3VX	KB3GMU	KQ3DX	N3SRC	W3JAF	N3KEH
K3WR	KA3GNT	NØPEU	N3TBK	W3RJM	N3OBD
K9LZ	KB3GOT	NØVLR	N3UE	W3RWS	N3SKR
KA3PPH	KB3GZG	NØWVP	N3UIW	W3SRL	W3ZLK
KA3TFB	KB3GUZ	N2QIV	N3VEH	W3VE	
KA3TWI	KB3HFP	N3AWF	N3WPT	W3VFA	Color Codes:
KA3UPY	KB3HVN	N3BSQ	N3XFE	W3WH	2003 Member
KA3WZO	KB3IAC	N3CZZ	N3XI	W4ZE	2002 Member
KA3YTS	KB3ICC	N3FZ	N3YPB	W8LEV	2001 Member
KB3ANH	KB3IJX	N3HKQ	N3YQY	WA3JPP	2000 Member
KB3CPI	KB3IRQ	N3IDH	N3ZCG	WB3BPH	
KB3DCO	KB3IVW	N3INT	N3ZEG	WB3GTL	
KB3ENX	KB3IVX	N3KFD	N3ZEH	WN3BOJ	
KB3EPI	KB3QX	N3MJQ	N3ZEL	WN3VAW	

(Meeting Minutes Continued on page 5)

Through May 30th, 2003
List compiled by
Mark Stabryla N3RDV, Vice President/Treasurer

Public Service Success

Bryan Beyer K3OL

Sunday, May 4th saw a large turnout of hams. No, it wasn't a Hamfest; it was the UPMC/City of Pittsburgh Marathon. According to Konrad Kammerer, W3KK, the Marathon's Communication Coordinator, "We had 133 amateur volunteers, which is the largest number in the last 7 years." Amateurs provide essential and timely communications for race officials over the entire 26.2 mile course. Amateurs are posted at the Start/Finish line, mile markers, aid stations, relay stations, and are shadows for race officials.

While W3KK is also involved in the New York City Marathon as Medical Net Manager, he believes Pittsburgh is the best medically prepared marathon. Asked why, "...we are better because of the many pre-race meetings and the open flow of information between race officials, volunteers, and the medical staff." Konrad thought this year's race really came together. Weather was a big factor toward the low number of medical problems. Reportedly these were near ideal conditions for a marathon. Any medical problems that did happen were effectively communicated to race officials.

The Pittsburgh Marathon has some of the best communications which is a testament to the tremendous involvement of all the region's amateurs and the support of local clubs says Kammerer. WASH members were stationed all over the race:

Larry K3VX	Tippy WA3JPP	Mark N3RDV	Bill W3WH
Carol KB3GMN	Richie N3SBF	Randy N2QIV	Ted WN3BOJ
Bryan K3OL	Christopher KB3IJX		

and a first for the marathon, our family of four:

Rick KB3IAC	Jan KB3IVX	Nate KB3IVW	Alex KB3IRQ
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Rick KB3IAC, Jan KB3IVX, and Mark N3RDV were involved in an interesting encounter. A female runner from Russia, who spoke limited English, dropped out at Mile 19. Needing to understand exactly what she required, Rick and Jan called Net Control for a translator. It just so happened that Mark was near another Russian female runner that had just finished. Mark handled the call; a race official requested her help and the translation took place. The first runner was not injured; just ready to stop and was transported to the finish line.

The Pittsburgh Marathon is a template for success. Akron, Ohio is hosting a marathon for the first time this year. They sent a group to watch and see how a marathon is coordinated. The Akron communication coordinator shadowed Konrad during the race. He was impressed with the communication system and organization. He now understands the significant role amateur radio plays in the Marathon.

Public service events allow amateurs to develop effective communication and traffic handling skills. What a great way to showcase Pittsburgh and amateur radio at the same time for the 6,000 runners from all over the US and the world!

Back Issues of the WASHRag have a new home on the web:

www.djernes.org/washrag

Thanks NØPEU for providing the new site!

"There is no reason for any individual to have a computer in their home"

Ken Olson, President, Digital Equipment Corporation, 1977 (attributed)

(Minutes Continued from page 4)

with Paul as the trustee — Editor). Bill, W3WH, motioned and Ed, N3ZNI, seconded that Paul Jordan, NP2JF, be made a club member with no dues involved. It was voted on and passed.

Steve, W3SRL, suggested that the club may want to do a project over the summer, perhaps a beacon or other small project that we could send down to St. John and leave there. Bill, W3WH, will contact Paul, NP2JF, to determine if there is interest.

Motion to Adjourn: Made by Bill, W3WH, and seconded by Carol, KB3GMN. The motion was voted on and passed. The meeting was adjourned at 20:41.

Help New Hams Get Their Gear

Dick Hayman K3DML courtesy of www.eham.net

I've had this concept for a very long time and have just started to act on it. After teaching a class (setting up an HF Station was my topic) in our club's General Class Upgrade course, I was bombarded with questions about where to find good used HF gear at the right price for a beginner.

So here's my concept, I find very basic used transceivers such as TS-130, TS-430, TS-440, IC-735, IC-745, etc, check them out and offer them for sale with a buy back guarantee. There are two guarantees: 90% refund within 30 days and 50% refund within two years. Of course, the new ham may keep the radio for as long as they want and sell it to anyone at any time. But they don't have to worry about getting stuck.

By keeping with these 20-30 year old fully solid state models, I am able to keep the price of a full station with transceiver, power supply, microphone, & wire antenna well under \$500.00. These new hams have no idea that you can spend as much on the accessories as on the transceiver which is just the tip of the iceberg.

Just last week I was able to buy the following on eBay for just \$477.00 (and everything works perfectly):

- Kenwood TS-430S with narrow CW Filter and FM Board
- Kenwood PS-430 Power Supply
- Kenwood AT-250 Automatic Antenna Tuner
- Kenwood MC-80 Microphone
- Astatic D-104 Microphone
- Kenwood Phone Patch
- Kenwood SP-430 Speaker

If I resell everything but the TS-430S on eBay again, I wouldn't be surprised if I am able to recoup the entire cost; resulting in a free TS-430S. New hams can't pull this off, but old timers can. But that's not the point of my exchange program.

It's great fun for me and allows new hams to obtain quality gear at reasonable prices. For example, supposed the radio station was sold for \$500 and returned back after two years for \$250.00. This means that our new ham for just \$2.50 per week was on the air having fun. And the equipment gets recycled again for another two years or so.

The radios don't have to be mint in appearance but they must be 90-100% operationally according to the specs.

What do you think? Any suggestions for improvement?

WASH Apparel Updates!

Dan KB3HVN & OGN Distributing are continuing to work on the upcoming web page link to permit WASH club members to order shirts, jackets, hats, and whatever direct from the club web page.

But in the meantime, if you still have one of the light blue SHARC "baseball" style windbreakers (these were the "2nd generation" jackets that Steve W3SRL handled the orders for, about 5 – 6 years ago) hanging in the closet collecting dust, good news! Dan has come up with a patch to "update" the jacket to the new WASH logo. Cost for the patch is \$9, and you will have a choice of either the "regular" or limited time "10th Anniversary" logos to choose from. The patch will be sewn directly onto the jacket; additional embroidery can be done if desired at a small additional cost.

For more information, contact Dan & OGN Distributing at 412-655-8787

Want one of those jackets to update but don't have one? Steve still has a few stashed... these were the "samples" that he had to buy in advance from the company that did the original embroidery. Contact Steve Lane W3SRL at w3srl@yahoo.com to check on the availability of the last of these jackets...

but when they're gone, they're gone!

Inertia Is Your Enemy

Philip Neidlinger KA4KOE courtesy of www.eham.net

Here is the scenario: You have scoured the Internet, magazine advertisements, hamfests, and garage sales looking for that vintage ham radio item of your dreams. You are looking for a Super Deluxe XX-97B with patented transmogrifier circuitry. Only 200 were ever made, so it is a rare item. The 97B belongs to an old timer in Nebraska, who is auctioning the item on Ebay. You win the radio at a price that is well within your budget. The vintage piece of radio history is shipped to your domicile via one of the usual methods: let's not point fingers at any particular mass shipper. The day of delivery has arrived and the uniformed delivery person leaves the parcel with you. The box looks like its been through a war zone, and Styrofoam peanuts are bleeding out of its many rips and tears. You suspect the worst, and feel that familiar sinking feeling in your gut.

As you open up the package, you discover to your horror that what you know have in your possession was once a radio. Its now a pile of worthless junk. Dents are all over the case. The heavy power supply transformer has ripped loose from its moorings on the chassis and has bounced all over the inside of the cabinet like a pinball, smashing tubes and anything else that got in the way. It looks very much like some madman has taken



out his frustrations on the radio with a heavy sledgehammer. You ask yourself, "How could this much damage have occurred?" You feel a great sadness overcome you as you love old tube electronics, and seeing this carnage is akin to watching a dog get kicked by its owner. Its just not right.

You paid the seller with a cashiers check. The package was insured as recommended, but now you have to feel your way through the labyrinthine maze

of the damage claims department of the shipper. Its not your fault the item was damaged. If your seller is a decent, honorable sort, you'll be better off. If not, its going to be rough going ahead. The shipper removes the sad remains of the unit and it is delivered to their "damage inspections department". It may be awhile before you get your hard earned money back.

[Editor's Note:

United Parcel Service has a horrible track record when it comes to paying off insurance claims. Unless you pay UPS to pack the shipped items, they will usually claim that it wasn't packed properly and refuse to pay the claim. Caveat emptor!]

What happened to the radio? Well, lets pull out our high school physics textbook. Remember Newton's First Law of Inertia? It states that

$$\text{Force} = \text{mass} \times \text{acceleration.}$$

We will not delve deeply into the physics of why packages are destroyed, and may summarize by saying that very heavy moving objects don't have to be moving all that rapidly to wreak havoc on themselves when they come to a sudden stop. That 90 pound amplifier may only have dropped 3 feet off the back of the truck, but just imagine the incredible forces at work as the motion of the unit is stopped dead cold by the hard concrete floor of the shipping dock. Remember, it's the sudden stop at the end that is the killer, as skydivers will tell you. You must design your packaging to absorb the force of impact in order to prevent it from being instantaneous. The packaging slows down the package over a definite period of time and minimizes the shock to a certain degree. How do we accomplish this? Here are some general tips:

1. **Always** double box radios. Do not rely on shipping outlets to "professionally" pack your item. Their skills leave a lot to be desired. If you want to do it right, do it yourself. Put plenty of energy absorbing material, such as Styrofoam peanuts, between the first and second box. It is better to

have the second box abused, and thereby isolate the destructive forces from the inner box.

2. Remove vacuum tubes and ship them separately. Do not roll them together in a wad. Wrap each tube individually.
3. Provide plenty of packing materials. Do not use newspaper, as it is nearly useless. I like large cell bubble wrap wound around the item in abundance. Styrofoam peanuts are not great when used as the sole means of packing. Some people use solid Styrofoam sheets to help prevent shifting of heavy components inside the double box.
4. Imagine what would happen if you were to drop your package from 3 feet. If you are uncomfortable, do more. It is not a bad idea to overdo this one project. Sure, it may cost more to ship, but headaches will be minimized.

What did you do wrong as the buyer?

1. Never buy items with cash if at all possible, either by cashiers checks or money orders. Use a credit card. In this manner, you can dispute the charge if the seller will not help you, or the insurance claim is denied by the shipper because of improper packaging on the shipper's part.
2. Never accept delivery on any package that has obvious signs of massive abuse on the exterior. If the package appears okay, but the item inside is damaged, call the shipper immediately. This is important.

This discussion is not meant as the end all for packaging delicate electronics. I would welcome your feedback. I was recently saddened by the delivery of a severely damaged radio that was due in part to poor packaging (i.e. not double-boxed) on the part of the shipper. This is the second time I have received damaged vintage radio equipment that had to be returned. Lack of double boxing appears to be the major culprit. I hope this never happens to you, my ham friends.

After over 25 years in operation, the Fond du Lac, WI High School's Amateur Radio Club, WB9PNL, is dissolving due to the retirement of club trustee Jeff Hoelt K9NC.

With it's beginnings in our old High school in 1972, a wire antenna & CW transceiver is all that our club started with. Now, we have operations on 2m 440 voice and packet, satellite voice and packet, full HF communications with CW, RTTY, and PSK-31.

Our club has been responsible for over 20 hams over the years getting their call's, and a unimaginable amount of knowledge. It's clubs and stations like this one that get new hams into the hobby.

If anyone out there had K9NC as their teacher/Elmer, contact him. He's one of those people that don't have the time to operate because he is getting new operators for the ham community!

— Andrew S. Martin KB9ZLL



Most of the WASH Gang that went out to Hamvention 2003 met for dinner Thursday night at the Dayton Outback. Too many showed up to all fit at one table, so off by themselves were (clockwise from Left) W3SRL, W3WH & WO3Z. Photo courtesy of & ©2003 Ted Huf W4ZE

NTIA ADMINISTRATOR LAUDS, CAUTIONS FCC IN "BROADBAND OVER POWER LINE" INQUIRY

ARRL Letter #19 courtesy of the American Radio Relay

The administrator of the National Telecommunications and Information Administration (NTIA) <http://www.ntia.doc.gov/>, Nancy J. Victory, has applauded the FCC's decision to launch its inquiry into Broadband over Power Line (BPL)--a form of power line communications (PLC).

In an April 24th letter to FCC Chairman Michael Powell, the other four commissioners and to FCC Office of Engineering and Technology Chief Edmond J. Thomas, Victory said BPL "holds great promise" and urged the Commission to "move forward expeditiously with its inquiry." At the same time, she called on the FCC to make sure that BPL does not cause harmful interference to other services.

"I also urge the Commission to promptly adopt any subsequent rule changes that may be appropriate to facilitate broadband PLC deployment, while ensuring that those rules prevent harmful radio frequency (RF) interference to other communications mediums," Victory wrote.

BPL has raised the specter of substantial interference to the HF bands since it involves coupling high-frequency RF to parts of the power grid and using existing power lines as the transmission medium to deliver broadband and Internet services

The new so-called "access BPL" and "in-home BPL" devices operate on multiple carriers spread over a wide spectrum, which could be as much as from 2 MHz up to 80 MHz.

Victory offered NTIA's services in assisting the FCC with measuring and testing broadband PLC emissions. An arm of the US Department of Commerce, the NTIA regulates radio spectrum allocated to the federal government. The FCC released a Notice of Inquiry on BPL deployment, ET Docket 03-104, on April 28. The complete NOI is available on the FCC Web site http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-03-100A1.doc.

Interested parties may submit electronically filed comments via the FCC's Electronic Comment Filing System (ECFS) <http://www.fcc.gov/cgb/ecfs/>. Under ECFS Main Links, click on "Submit a Filing." In the "Proceeding" field, enter "03-104" and complete the required field. Comments may be typed into a form or you may attach a file containing your comments. Comments also may be submitted via e-mail, per instructions on the ECFS page. The comment deadline will be 45 days after publication of the NOI in the Federal Register.

ARRL Laboratory Manager Ed Hare, W1RFI, has urged League members to become informed and to comment in the proceeding. "The time to raise and answer interference questions is now," he said. The ARRL Lab has prepared a comprehensive information page, "Power Line Communications (PLC) and Amateur Radio," <http://www.arrl.org/tis/info/HTML/plc>. ARRL Lab staff also will visit sites where BPL is undergoing field testing.

WPA Section News

John Rodgers N3MSE, ARRL WPA Section Manager

As we come to the close of May I want to remind everyone to make sure they have their radios in good operating condition. The end of May has often brought several severe storms that required amateur radio operators to pitch in and help. Last year a tornado touched down and cause damage in an amusement park and left one person dead in the aftermath. Previous years have also shown some of our worst storms have hit during this time. Check your radios and be sure you have fully charged batteries should our services be needed.

June 1st will be the 49th Annual Breezeshooters hamfest held in Butler. This is one of the major hamfests of the section and is always a great deal of fun. I will be at the League table throughout the day as will other section staff members so please stop by and chat with us. Additional information regarding the hamfest is available at <http://www.breezeshooters.net>. One feature new this year will be testing for the ARRL level one (EC001) Emmcomm course. This testing will be provided by members of the Ellwood City Amateur Radio Association.

The last full weekend of June brings about the Field Day operating event. This event, designed to demonstrate the emergency capabilities of amateur radio has often been looked upon as a contest and other things. Many clubs make this into the operating and family event of the season. For several years I have visited several of the field day sites and always enjoy the opportunity to see what other clubs and operators are doing for the event. Most clubs have family oriented picnics and other activities during the weekend. I would like to encourage every club to be sure and set up a Get On The Air station and encourage individuals that have never operated or have not operated for many years to get involved in the station. This is a great opportunity to encourage people to become hams and maybe get some old hams more active in the hobby.

Don't forget to also order your Field Day t-shirts and pins from the League and also new this year are t-shirts and pins to recognize the Get On The Air station as well. These go fast so order early. Also remember to send me a message via the National Traffic System to earn your bonus points for the message. The WPA Phone and Traffic net will handle the messages for me. They meet every evening on 3983 kHz at 6 PM. Check the Field Day rules for the message content requirements. If you would like me to stop by during the weekend be sure to send me a message and also directions to your Field Day operating site. I want to encourage every club in the section to set up and operate a Field Day station. Be sure to invite local officials and the public to see how amateur radio can benefit the community. Set up a computer and have the new Amateur Radio Today video showing to inform the visitors of what services we provide. The video is available from League headquarters for a minimal fee for the materials and copying or you can download the file from the web site. It is about a 60 megabyte file so be sure you are on a high speed connection. I hope every one will get out & join in the fun & excitement of Field Day & make this year the best ever.

More of the Gang from dinner at the Dayton Outback: (clockwise from Left) N3SBF, KB3GMN, N3KFD, W3RJM, NØPEU, N2QIV, KB3GOT, KB3FZU, KB3GMU. Photo courtesy of & ©2003 Ted Huf W4ZE



I would like clubs to forward me photos of their club operation for me to post some of the photos on the section web site. Send the photos to me at n3mse@arrl.org or by mail to my home address listed on page 16 of QST.

A beta operation of the Logbook of the World has started and individuals that are interested in participating in the test should go to the league web site at <http://www.arrl.org/lotw> and download the software. The beta will help the developers detect and correct any problem areas before the program is implemented. The Logbook of the World is designed to become an electronic validation of contacts made by amateur stations that would be recognized for awards. Please give it a try and help members services get this benefit into full operation.

CQ WW CW vs. Thanksgiving

A Work Around Proposal from Jeff Maass K8ND

This year, as in many years, the CQ World Wide CW Contest falls on the (US) Thanksgiving Day weekend. This is traditionally a family holiday in the USA, and so many of my Caribbean Contesting Consortium cohorts do not feel able to leave their families and join us for the contest at Signal Point on Curacao (PJ2T).

The following is a Plan which could provide a "work-around" for CQ's crummy scheduling. It requires a modicum of deceit, but that's par for the course in most family interactions.

Letter Follows:

Dear (contest operator name here):

I was distressed to hear that you won't be joining us for CQWW CW!

I understand your desire to stay close to family for Thanksgiving, so I have a suggested plan that will allow you to do both, with a bit of advanced preparation and by using your position as Patriarch of your family!

Send a very nice, ornate 2003 calendar to each of the households that form your family. Maybe something with a nice photo of you and your spouse, or of the Family Homestead: something that will make it a favorite centerpiece of life in each family household, something they'll each put up in their kitchen and use on a daily basis.

You should have these calendars prepared to your order at the local Kinkos. Mark holidays in the appropriate days *except* have them put "Thanksgiving" on November 20th rather than November 27th. This is rather key to the plan!

In the "November 27th" box, put something like "Canadian Thanksgiving" or "Armenian Thanksgiving". That way, if family members hear on the TV or radio that "Thanksgiving is on November 27th", they'll all think it's referring to that "other" Thanksgiving, and disregard it (unless some of them are Canadian or Armenian, in which case you should substitute "Brazilian Thanksgiving").

Call each household every week or so starting in early October, telling them how much you are looking forward to your Thanksgiving celebration "...on November 20th", and remind them to bring your favorite cranberry sauce or several cans of Cheese Whiz.

Find a friend with video tapes of last year's Thanksgiving football games, and on November 20th have them playing all day in the VCR: no one will notice the difference (trust me!). Celebrate Thanksgiving on November 20th with all your hoodwinked (but sated) family.

In this way, you can celebrate Thanksgiving with your family *and* still come down into the sun and eat whatever we do for our Curacao Thanksgiving on November 27 (we can hang some "Happy Canadian Thanksgiving" banners at the station for photo backgrounds). You can then participate in the CQWW CW Contest from Paradise!

Problem solved (for this year)!

73, Jeff Maass K8ND

By the way, if any of you have any pull with the broadcast or print media and can have them start publicizing the date of Thanksgiving as November 20th and suppressing mentions of the November 27th date, please do so! Retail businesses will get an extra week of shoppers for the Christmas season, and contesters will be better able to justify to their families travel for their participation in CQWW CW this year!

He's Baack... Famous (or infamous) DX'er of the 1960's & '70's, Dr. Don Miller AE6IY ex W9WNV returned to Hamvention 2003 for the first time in many years. Speaking at the DX Forum, Dr. Miller admitted to past indiscretions, complimented the ARRL on how DXCC is now run, and apologized to any DX'ers he may have "disillusioned or upset" in years past, asking their forgiveness. He also announced plans to be on an DXpedition to an unnamed new entity possibly this fall.

Photo by Greg Babin KQ3DX courtesy of & ©2003 Ted Huf W4ZE



DX News Briefs



4W1BK (JA1BK) and **4W2DN** (JR2KDN) will be QRV from Timor Leste from May 24 to May 29, 2003. QSL information is 4W1BK via WA2MOE and 4W1DN via JR2KDN. This is a WFWL operation. The United Nations no longer is in control and independence was won by the East Timorese on May 20, 2002. An application for new entity status will be filed together with an application to delete of the former 4W territory as an entity under DXCC rules. Article 5 of the treaty between Portugal and Indonesia of May 5, 1999 removed East Timor from the list of Non-Self-Governing Territories of the General Assembly and the deletion of the question of East Timor from the agendas of the Security Council and the General Assembly. The treaty, witnessed by the Secretary General of the United Nations, did not make the United Nations the administrator of East Timor but did provide for UN humanitarian assistance. Article 7 requested "the Secretary-General to maintain an adequate United Nations presence in East Timor." The DX Advisory and Awards Committees quite possibly misinterpreted the language of the treaty as conferring status of East Timor as a UN administered territory which in fact was not the case. Only when the referendum authorized by the treaty was held and the East Timorese people declared themselves independent was there a new entity. The role of UNTAET (UN Transitional Administration in East Timor) was humanitarian and peacekeeping and was not a quasi-government authorized to issue amateur radio licenses. UNTAET did not have the authority to issue amateur radio licenses; it was a peacekeeping mission and only after the referendum was there a Ministry of Communications which does have that authority. The text of the treaty for those interested is at http://www.un.org/peace/etimor99/agreement/agreeFrame_Eng01.html. If ARRL agrees, the UN sanctioned operations in East Timor would be deleted on the ground that East Timor was not an entity under the rules and a new entity, would be created effective 20 May 2002, the date of the creation of the East Timorese state. Democratic Republic of Timor Leste became a UN state on 27 September, 2002. ITU reassigned 4WA-4WZ to the Democratic Republic of Timor Leste on 23 April, 2003." — WA2MOE

No word has come out from the ARRL about the validity, if any, of this claim. However, an analysis of the situation sent out to **Daily DX & Weekly DX** subscribers by Bernie McClenny W3UR indicates that the basic premise of this group (that creating the 4W East Timor entity was done in error) is False, as additional documents and treaties, signed after the original one indicated, did give the UN the appropriate authority and superseded the original treaty. Watch the various DX news organizations for updates. — WN3VAW

"There is a new **Antarctica** net every Saturday on 14.300 around 19:00Z. Net Control is LU4DXU. He is in touch with LU1Z stations. There are 3 LU1Z stations currently active: **LU1ZV** Esperanza, **LU1ZG** Belgrano II, **LU1ZD** San MARTIN. It seems there is also a station on JUBANY base. (Have no more info about it)" — F5NOD

KE3A is no longer the manager for **6Y5IC** — KE3A

The current **PR0F** operation should be QSL'd via the operator, YU1RL, or as directed, not W5SJ — W5SJ, WW5L

All direct **FR/F6KDF/T** Tromelin Island cards sent to F6KDF have now been answered and are in the mail. If you have a problem or need a second card, contact F5KDF or F5NOD via qrz.com address — F5NOD

QSL Routes

3C2MV via VE6JO — W9OL	HC4/NP3D via W3HNC — W3HNC
5B4AHJ via G3PMR — VA3RJ	HQ3J via JA6VU — W7LPF
5H3RK via VK4VB — W3LBL, W0SF	JW7VK via LA7VK — VA3RJ
5N0MVE via ON7LX — W9OL	LU1ZA via LU2CN — W9OL
5T5PBV via JA1PBV — KS4YT, KV4T	OH0B via OH2BH — W1TE
6V1A via 6W6JX — F5NQL	OZ4DI via OZ1HPS — VA3RJ
9V1YC via N5ID — 9V1YC	UP0L via DL8KAC — W9OL
AH3D via OH2BH — W1TE	XQ6ET via W8UVZ — W8UVZ
AP2ARS via K2PF — K2PF	XV3AA via JA6UHG — CT1EAT
BV9L via BV4YB — JI6KVR	YI9OM via OM6TX — K1NU
C98RF via DL6DQW — W7LPF	ZA1B via OH2BH — W1TE
CN2MP via EA9AM — W9IXX	ZC4BS via G4KIV — K1NU
CX7BF via CX4AX — W9IXX	ZD8A via N6CW — N6CW
EW3CW via K0DEQ — W7LPF	ZD8R via N6ND — N6ND
H44V via JA1PBV — K1NU, W9OL	ZD9IR via ZS6EZ — CT1EAT

Thanks to the NJDXA DX News & DX Chat Reflectors, the DX-QSL Reflector, 425 DX News, OPDX News, Diamond DX Club News, ICPO Bulletin, & ARRL DX Bulletin for our DX News information. Thanks also to Bill Moore NC1L / ARRL DXCC Desk, & Bernie McClenny W3UR / The Daily DX for confirmations & additional information.



WASH Classifieds

Information shown here is as supplied to the **WASH**Rag. 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 **WASH**Rag or the **WIRELESS ASSOCIATION OF SOUTH HILLS, INC.**

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"Please help us save K4UCF, the University of Central Florida station. The student ham club has been told to vacate it's 25 year old home, a minimal little "office," and remove it's nice antennas from the Math Building. You can help by writing a short message by email appealing for the continuation of the ham station at UCF by addressing your message to PresComments@mail.ucf.edu, to UCF President is Dr. John Hitt. University Officials are not permitting a 2 week delay & will start demolition June 6th " — Charles Harpole K4VUD

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 and FTP access. 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.



FYI Networks now also provides sDSL service in selected areas. **WASH** Members can get DSL for the discounted rate of only \$47.50/month. A pre-qualification must be done to see if your address is in the DSL coverage area. Call John Vasicek at 412-488-7800 for more information about FYI sDSL services & benefits.

Many thanks to FYI Networks for making these special offers available to us for the past five years!

FCC News

ARRL Web Extra & ARRL Letter, courtesy American Radio Relay League

NEWINGTON, CT, May 8th, 2003 — The FCC has affirmed a \$12,000 fine against Technician-class Amateur Radio operator Scott E. Kamm, NØUGN. Kamm's station was in Waterbury, Nebraska, at the time he was cited last fall, although the FCC granted his February 27, 2002, application to change his mailing address to a location in Sioux City, Iowa. The FCC released a *Forfeiture Order* May 7 alleging willful and repeated interference, broadcasting of music and failing to identify with his call sign. The FCC's Kansas City office had released a *Notice of Apparent Liability for Forfeiture (NAL)* on January 24, but Kamm never filed a response, the FCC said. The Commission ordered Kamm to pay the fine within 30 days.



Responding to complaints of continuing interference on the input of a 2-meter repeater, FCC agents monitored the machine's input frequency last December 9. They observed a very strong signal on 146.31 MHz "consisting of music, sound effects and unmodulated carriers" and no station ID. The FCC said the transmissions were interfering with amateur communications already in progress.

The FCC used direction-finding techniques to determine that the source of the signals was Kamm's residence in Waterbury, Nebraska. The next day, an FCC agent monitored the same sorts of transmissions, tracked the source to Kamm's residence, and inspected Kamm's amateur station.

"The agent found an amateur radio transceiver capable of operating on 146.31 MHz," the FCC said. Kamm claimed no transmissions were made from his station and that he used the unit to receive only. Based on its evidence, however, the FCC Kansas City office determined that Kamm "willfully and repeatedly" violated FCC Part 97 rules "by causing intentional interference, broadcasting music and failing to identify with his station call sign."

During 2002, Kamm was the target of several letters and an FCC *Warning Notice* from Special Counsel Riley Hollingsworth. Last fall, the FCC's Wireless Telecommunications Bureau set aside Kamm's amateur license renewal based upon complaints about the operation of his station and questions regarding his qualifications to be a licensee. Kamm's amateur license expired last September 29, and his license renewal application, filed August 8, has reverted to pending status.

A *Warning Notice* issued by the FCC Enforcement Bureau February 5, 2002, also alleged that Kamm had transmitted on 156.300 and 174.000 MHz without a license, although he was never formally cited. The FCC has said that subsequent to the *Warning Notice*, information came to its attention that Kamm had "apparently provided radio equipment to an unlicensed minor residing at 1977 S Avenue in Waterbury, Nebraska," and that Kamm instructed the youth on how to operate on the Marine Band and other frequencies.

In a response to the FCC *Warning Notice*, Kamm denied setting up radio equipment for the minor, and stated that he had sold all of his radio equipment.

NEWINGTON, CT, May 22nd, 2003 — Cooperation between Canadian and US amateurs has resulted in a \$12,000 *Notice of Apparent Liability for Forfeiture (NAL)* from the FCC to an Ohio amateur. The FCC has alleged that Ronald E. Sauer, WE8E, of Bedford Heights violated Part 97 rules prohibiting deliberate and malicious interference, transmission of music and failure to identify. The case involved daily interference to the Trans Provincial Net, a Canadian net that operates on 7.055 MHz.

"This was no small task and was accomplished with the help of many people from the US and Canada working together," said ARRL Great Lakes Vice Director Dick Mondro, W8FQT, who expressed thanks to all involved. In addition to TPN members, that included Radio Amateurs of Canada (RAC) officials, Industry Canada, the FCC, ARRL Michigan and Ohio Section officials, ARRL Official Observers and members of the Cuyahoga Amateur Radio Society (CARS). "This was indeed an example of teamwork in action and proves again that the FCC does care and continues to work with us to stop interference," Mondro added.

TPN Assistant Manager Jim Taylor, VA3KU, said the interference to the net had gone on for several months. Taylor says the first break came when a person believed to be the jammer started sending e-mails to some net members.

The *NAL* says that on January 31, an FCC agent used direction-finding techniques to track the source of the interference on 7.055 MHz to Sauer's home and conducted an inspection.

According to the FCC *NAL*, Sauer "admitted that he had been playing music and deliberately jamming the frequency of 7.055 MHz." Sauer "further admitted to jamming and playing music on this frequency on previous days," the FCC said.

Based on its findings, the FCC concluded that the \$12,000 fine was justified. The FCC ordered Sauer to pay the fine within 30 days or to file a written statement seeking a reduction or cancellation of the proposed forfeiture.

49th Annual Breezeshooter's Hamfest

Sunday, June 1st, 2003 8:00 AM to 3:00 PM

Sponsored by the Breezeshooters

Butler Farm Show Grounds / Roe Airport, State Route 66, Butler PA

(The Farm Show Grounds are West of Butler between Butler and Evans City)

Talk-In on W3UDX/R 147.360+ Repeater

VE Testing courtesy of the Ellwood City ARA starting at 12 Noon

ARRL Level 1 ECOM Testing for EC001

Testing starting at 12 Noon at the CB Ranger Building

To register for testing go to:

http://www.qsl.net/ecara/register_1.html

Prize Tickets \$2.00 Each or 3/\$5.00, 7/\$10, 15/\$20

For more information & updated list of 2003 Hamfest Prizes please go to

<http://www.breezeshooters.net/hamfest/hamfest.htm>

ICOM Representatives Will Be EXCLUSIVELY This Weekend At

The Breezeshooters Hamfest to Demonstrate Their Latest

Equipment & Answer Your Questions!!



Fifth Annual WASH Picnic at the Breezeshooter's Hamfest

Sunday, June 1st, 2003 from approximately 11:30 AM to 1:00 PM

At the *WASH* Location Somewhere in the Flea Market

(Look for us in the vicinity of the Grandstand — the Hex Beam will be up, weather & location permitting!)

Spend the morning meeting your fellow WPA & Regional Hams, buying or selling stuff & dodging

roving golf carts full of Breezeshooters — then join your fellow *WASH* members for lunch,

friendship, bragging rights, and (if operational) operating N3SH/3 from the Flea Market.

This will be a "Pot Luck/Covered Dish" Picnic — The Club will be providing Burgers, Hot Dogs, and Soft Drinks, and we're asking everyone coming to bring a side dish, snacks, dessert, ice, or whatever they can. Contact Ron WN3VAW wn3vaw@arrl.net to coordinate who's bringing what.

There is no charge to attend (outside of bringing something to share) but the picnic is not open to the general public, only *WASH* members (including their families), friends & invited guests.

18th Annual North Hills ARC Hamfest

Sunday, July 13th 8:00 AM to 2:00 PM

Northland Library, Cumberland Road, Wexford

Talk-in on W3EXW/3 147.09 MHz



WIRELESS ASSOCIATION OF SOUTH HILLS, INC.

Membership Application/Renewal for 2003



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

(check quarter →)
(check one ↓)

<input type="checkbox"/> 1st Qtr Jan-Mar	<input type="checkbox"/> 2nd Qtr Apr-Jun	<input type="checkbox"/> 3rd Qtr Jul-Sept	<input type="checkbox"/> 4th Qtr Oct-Dec	
<input type="checkbox"/> (F1) Full Membership:	\$20.00	\$15.00	\$10.00	\$5.00
<input type="checkbox"/> (F2) Full Membership < 18 or > 65 yrs of age:	\$10.00	\$7.50	\$5.00	\$2.50
<input type="checkbox"/> (A1) Associate Membership:	\$10.00	\$7.50	\$5.00	\$2.50

(FM1) Family Membership (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

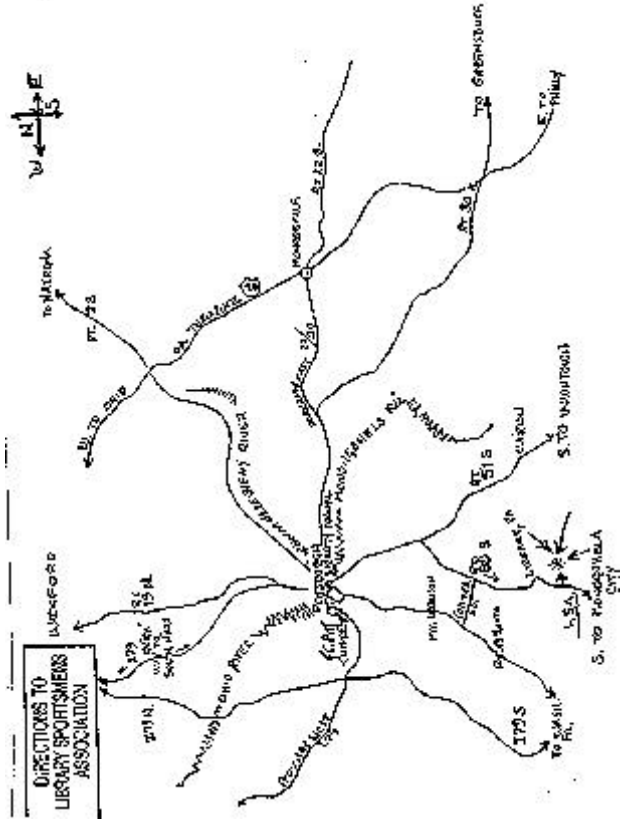
Make checks payable to Sharon Cox
Mail to: The TLC Embroidery Company
366 Dry Ridge Road
West Alexander, PA 15376

Phone: 724 - 484 - 7703

Inside This Issue:

- Field Day is This Month! Are you coming out and having fun with us?
- A Suggestion for helping new hams get on the air!
- The FCC Rules on 60 Meters!
- **WASH** and the Pittsburgh Marathon!
- Do you know about the “Broadband Over Power Lines” NOI?
- **New Meeting Location**

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



Map to FD Site!

courtesy of Hank Marzina KB3FNM

The WASHRag

Wireless Association of South Hills, Inc.
 Ron Notarius WN3VAW, Editor
 946 Sleepy Hollow Road
 Castle Shannon, PA 15234-2222



*ARRL Field Day
 This Month —
 Pittsburgh Vintage
 Grand Prix Next
 Month!*



N3SH / WA3SH
 WP2AIQ
 www.washarc.org

Reminder!
 We Now Meet At the
 Peters Township Library