



WASHRAG™

www.washarc.org

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August 2004

N3SH
WA3SH
NP2SH/B
W3S



Wireless Association of South Hills

Picnic August 22nd

The Sixth Annual **Wireless Association** Club Picnic will take place on Sunday, August 22nd, hosted this year will be Jim Sanford WB4GCS and Pat Sanford KC4WTT at their home, 10 Sugar Run Road, Eighty Four PA. Directions will be available at the next meeting, and talk-in will be on the 146.955 repeater. The picnic activities will start around 2:00 PM, with food being served starting around 4:00 PM.

The picnic is open to all club members (even those who, ah, are arrears in their dues!), their families and friends, and other friends of the club.

The club will be providing "the usual" burgers, dogs, chicken, and potato salad. Everyone coming is asked to bring a side dish or desert. We will also need some people to bring some tables, and everyone is asked to bring along their own chairs.

Please let Carol KB3GMN know if you are coming, how many are coming with you, and what you are bringing (or what is needed). Suggested items include chips & pretzels, deserts, other side dishes, beverages, ice, and coolers.

Carol will be on vacation through mid-August, and may not always be at home when you try to contact her, so drop her an email at n3sbf@libcom.com or leave her a message at (412) 884-1466. Most important, though, is to let her know how many adults and children will be attending so that we can plan accordingly.

Looking forward to seeing you there!

ARISS QSO Dates

Our NASA ARISS "mentor," Howard WA3GOV has informed us that our dates for our QSO with the International Space Station have been scheduled.

As of right now, the contact will take place during the week of August 23th, and will be on the morning of one of three dates: Monday August 23th, Wednesday August 25th, or Friday August 27th. We've been asked for our order of preference of the three dates (Monday, Friday & Wednesday is what we asked for due to operator availability) and we should know fairly soon which date NASA will choose. This and other final details will be available on the N3SH club reflector as soon as it becomes available.

The contact is scheduled to take place at Upper St. Clair High School, under the direction of USC Teacher (and one time Teacher-In-Space candidate from PA) Pat Palozzolo ex-KA3WZP. **WASH** members, led by Kevin N3HKQ and Jim WB4GCS as the primary station operators, will permit Pat and her students at USC HS to communicate with and ask questions of the astronauts on board the ISS, including Mike Fincke KE5AIT, a Pittsburgh area native.

Howard has also told us that if we desire and the proper equipment is in place, we may be able to arrange a live web-cam broadcast on the Internet of the ISS contact on MSNBC.

Club members have been in touch with Jeff Zeller, the Assistant News Director of WPXI Channel 11, and they are tentatively planning to cover the operation! We expect to hear from additional interested media as we get closer to the actual operation date.

Keep an eye on the club reflector for the latest developments and information, and how you can help out with this event!



2003 Picnic photo courtesy of & ©Copyright 2003 Jacqué Gosselin N3ZEL

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Next Meeting: August 12th, 2004

The next monthly meeting of the **WIRELESS ASSOCIATION OF SOUTH HILLS, INC.** will be Thursday, August 12th, at the **Peters Township Library**, 616 East McMurray Road, McMurray, starting at 7:00 PM.

Picnic planning, the upcoming ARISS contact, and our October operations in the Pa QSO Party and JOTA will be among the many items discussed.

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

NCS Schedule
Listed On Page 3

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

**LOOKING
AHEAD:**

- Uniontown ARC Gabfest Sept. 4th
- Butler Co ARA Hamfest & ARRL WPA Convention Sept. 12th
- Somerset Co ARC Hamfest Sept. 19th
- California QSO Party Oct. 2nd & 3rd
- WACOM Hamfest October 3rd
- Pennsylvania QSO Party Oct. 9th & 10th
- Jamboree On The Air October 16th

August 2004						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1 Ellwood City ARA Meeting QCWA Pittsburgh Net North Hills ARC Teen Net Somerset Co ARC Net WASH FM Net	2 Breezeshooters Net 2 Rivers ARC Net Triple 'A' ARC Net Beaver Co Public Service Net	3 Butler Co ARA Mtng Skyview RS Meeting WACOM Net North Hills ARC Net SATERN Net GPVHFS Swap 'n' 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 Picnic 6:00 PM RA Erie Meeting Uniontown ARC Net	6 Elco ARS Meeting	7 Juniata Valley ARC Hamfest RA Erie VE Test Beaver Valley ARA VE Test Somerset Co ARC Breakfast Foothills ARC Breakfast North Hills ARC Elmer Net
8 North Hills ARC Hamfest QCWA Pittsburgh Net North Hills ARC Teen Net Somerset Co ARC Net WASH FM Net	9 Bum of the Month Lunch ARL Lawrence Co Meeting Steel City ARC VE Test Breezeshooters Net 2 Rivers ARC Net Triple 'A' ARC Net Beaver Co Public Service Net	10 Foothills ARC Meeting Coke Center ARC Meeting Ft.Venango M&K Meeting Nittany ARC Meeting Punxsatawney Area ARC Mtng WACOM Net North Hills ARC Net SATERN Net	11 North Hills ARC Meeting Butler Co PSG Meeting Lauri Highlands VHF Mtng Steel City ARC Social Night Allegheny Co ARES Net Westmoreland Co ARES Net	12 WASH Meeting Horseshoe ARC Meeting Beaver Valley ARA Meeting Uniontown ARC Net	13	14 Butler Co ARA VE Test Nittany ARC Coffee Call 2 Rivers ARC Breakfast North Hills ARC Breakfast Quad Co ARC Breakfast North Hills ARC Elmer Net
15 Elk Co ARC Meeting WPRC Meeting (Altoona) QCWA Pittsburgh Net North Hills ARC Teen Net Somerset Co ARC Net WASH FM Net	16 Monessen ARC Meeting Breezeshooters Net 2 Rivers ARC Net Triple 'A' ARC Net Beaver Co Public Service Net	17 Steel City ARC Meeting S H B P & M Meeting 2 Rivers ARC Meeting Tri-County CW ARC Meeting Juniata Valley ARC Meeting Pymatuning ARC Meeting Juniata Valley ARC Meeting Chestnut Ridge ARC Meeting	18 Huntington Co ARC Meeting Allegheny Co SKYWarn Net Allegheny Co ARES Net Westmoreland Co ARES Net	19 Triple 'A' ARA Meeting Somerset Co ARC Meeting Greene Co ARC Meeting Uniontown ARC Net	20 Quad Co ARC	21 Foothills ARC VE Test North Hills ARC Elmer Net
22 WASH Picnic QCWA Pittsburgh Net North Hills ARC Teen Net Somerset Co ARC Net WASH FM Net	23 Breezeshooters Net 2 Rivers ARC Net Triple 'A' ARC Net Beaver Co Public Service Net	24 Mercer Co ARA Meeting WACOM Net North Hills ARC Net SATERN Net GPVHFS Swap 'n' Shop Net	25 Ft. Armstrong WA Meeting Steel City ARC Social Night Allegheny Co ARES Net Westmoreland Co ARES Net	26 WACOM Board of Directors Meeting Uniontown ARC Net	27	28 WASH Breakfast Nittany ARC Coffee Call North Hills ARC Elmer Net
29 Skyview RS Hamfest QCWA Pittsburgh Net North Hills ARC Teen Net Somerset Co ARC Net WASH FM Net	30 Breezeshooters Net 2 Rivers ARC Net Triple 'A' ARC Net Beaver Co Public Service Net	31 WACOM Net North Hills ARC Net SATERN Net GPVHFS Swap 'n' Shop Net	9/1 Uniontown ARC Meeting Steel City ARC Social Night Allegheny Co SKYWarn Net Allegheny Co ARES Net Westmoreland Co ARES Net	9/2 WACOM Meeting RA Erie Meeting Uniontown ARC Net	9/3 Elco ARS Meeting	9/4 Uniontown ARC Gabfest RA Erie VE Test WPA Hilltoppers VE Test Somerset Co ARC Breakfast North Hills ARC Elmer Net

WASH 2004 OFFICERS

EXECUTIVE COMMITTEE:

President William R. Hill W3WH
VP / Secretary Frank Bobro KB3FZU
VP / Treasurer Mark Stabryla N3RDV

AND WE COULDN'T DO IT WITHOUT:

N3SH / WA3SH Trustee Steve Lane W3SRL
NP2SH Trustee Paul Jordan NP2JF
N3SH / WA3SH QSL Manager Paul Lusardi NØVLR
NP2SH QSL Manager Ed Oelschlager N3ZNI
VE Team Liaison Jacqué Gosselin N3ZEL
Webmaster Bob Sanford AA3FI
Quartermaster Harold Rosenberger KB3CPI
WASH FM Net Manager Kevin Smith N3HKQ
WASHFest 2004 Committee Steve Lane W3SRL, Chairman
Carol Danko KB3GMN
Bill Hill W3WH
Kevin Smith N3HKQ
Larry Comden K3VX
Ted Huf W4ZE
Activities & Operating Events Carol Danko KB3GMN
Ways & Means Kevin DeRose N3KFD
Media Communications Ben Williams KB3ERQ
Allegheny Co ARES Representative

CLUB-AFFILIATED REPEATERS & BEACONS:

Mt. Lebanon N3RNX/R 146.955 MHz (-) PL 131.8
Mt. Lebanon W3SRL/R 442.550 MHz (+) PL 131.8
Echo Link #26861 (courtesy W3SRL) 443.650 MHz (+) PL 131.8
Canonsburg N3BV/R 28.276 MHz
St. Johns, VI NP2SH/B

N3SH/WA3SH WASHNet, the weekly on-air net of WASH, meets every Sunday Night, 9:00 PM ET, on the 146.955 & 443.650 repeaters. All radio amateurs, WASH members or not, are welcome to join in!

THE LEGAL STUFF

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

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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 N3RNX/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 October 21st!

The Next WASH VE exam sessions will be **Thursday, October 21st, 2004, 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, January 13th, 2005
 Thursday, April 21st, 2005
 Thursday, July 21st, 2005
 Thursday, October 20th, 2005

July 31st ended the month with the monthly meeting of the **WASH Breakfast Gang** at **The Starting Line Café**. Once again, unfortunately, we don't have a report on who was there or other specifics, although we're told that once again, a good time was had by all!

The next Club Breakfast will be at the **Your Way Café** in the Caste Village Shops, Grove & Baptist Roads, Whitehall, on August 28th, and then head back down to **The Starting Line Café** on Route 19 near Race Track Road, north of Washington, on September 25th. See you there!

The Pennsylvania QSO Party is now only a touch over two months away? Now is the time to start making plans — to run your station from home, run mobile, set up a portable station in a remote county, or join one of the club efforts — tentatively, **N3SH** will be operating from Greene County under the direction of K3VX and W3WH, **WA3SH** from Fayette County courtesy KB3IAC and KB3FZU, **WA3COM** will be operated by WACOM from Washington County, and Steel City ARC's **W3KWH** will be making Allegheny County QRV. And as we get closer to mid-October, we should be hearing more about what individual and club stations will be QRV for this year's event.

Team N3SH & Team WA3SH need operators! It's a heck of a lot of fun, a great way to pick up operating skills, and it helps maintain the club as one of the "elite" operating groups in the contest! (Yes, we have some more counties to win and clean sweeps to get!) Interested? Let's talk about it at the meeting!

JOTA Update: "We have been granted a 1x1 call sign for our JOTA event **W3S**. We have all but settled on Flag Plaza as the location for the event. Flag Plaza is on Bedford Avenue, in Pittsburgh, directly across from the Mellon Arena. We are working out the logistics of the rooms to be used. On the planning table at this time is the use of three (3) rooms:

The Bicentennial Room which is a large room equipped with A/V equipment — that can be configured for a classroom environment. This room is targeted to be used for the Radio Merit Badge class — around 60 to 80 participants maximum. It looks like we can offer this class in one setting rather than a round-robin approach. This would allow volunteer instructors/presenters the flexibility of not being at the event for the full duration if they wish. You can arrive 30 minutes before your presentation time — and then leave afterwards if you so desire.

The Flag Room is targeted for a Club displays, possibly an AMSAT display, and if we have the volunteers a presentation on an "Introduction to Amateur Radio". This room is a smaller meeting room with some A/V equipment - but it can still accommodate a large group comfortably.

The Lehman Room which is targeted for the JOTA station area. This room has three all glass walls and has a scenic overview of Pittsburgh. We can have three stations in the room with a licensed operator at each station along with a guest operator. There will be room for another three (3) guest operators to be "On-Deck" and observing.

It looks like we can gain access to the roof to mount temporary vertical antennas. We can possibly string a wire antenna(s) from the roof. When we have the official "OK" to use the facility I would like to take a few volunteers to the facility to look things over. Please contact me if you can be a presenter, instructor, or operator for the day at rdocbell@chapmancorp.com

Please consider helping in this community service event!" — Rick KB3IAC

Code Class Available: "To all those who are interested, there will be a code class taught at the **Steel City Amateur Radio Club W3KWH** beginning September 13th. It will start at 7 PM. It will last 1 hour & 30 minutes. You will need paper, pencil and a tape recorder. All those interested can let us know ASAP so we can have this info for there next SCARC meeting, which is August 17th. You can let us know by email." — Carol Danko KB3GMN & Rich Dank N3SBF n3sbf@libcom.com

The **W3KWH** club house is located at 208 McMichael Road in Collier Township, less than a mile from Settler's Cabin Park & the Parkway West at the Cambell's Run Road exit. Talk-in on 147.03+ MHz, 123.0 PL

July 15th VE Test Results

The VE session on July 15, 2004 was quite rewarding. We had 7 people and everyone went home with something:

- Matthew R. Yavorski, KB3LFA was a Tech, passed Element 1 Code, and is now Tech w/HF.
- Robert F. Pernet, W8YYZ, was a General, passed Element 4 and is now an Extra.
- William G. Sheehan passed Elements 2, 3, and 4. He is now KB3LIX, a new Tech.
- William C. Robinson is now KB3LIW a new Tech.
- Eric Sandusky, with Code credit from an earlier license, passed Elements 2 and 3 to become KB3LIY a new General.
- Georgianne Saraco is now KB3LIV a new Tech.
- Paul Rupnik, KB3KOT, passed Element 1 Code to become Tech w/HF.

Many thanks to our VEs: Ed, W3VFA; Mark N3RDV; Ed, N3ZNI. We couldn't do it without your help!

73, Jacqué N3ZEL

WASHNet NCS Schedule:

08/01 - Bill W3WH	10/24 - Michael KB3HFP
08/08 - Bell Family	10/31 - Frank KB3FZU
08/15 - Michael KB3HFP	11/07 - Paul NØVLR
08/22 - Frank KB3FZU	11/14 - Carol KB3GMN or Rich N3SBF
08/29 - Paul NØVLR	11/21 - Steve W3SRL
09/05 - Hank KB3FNM	11/28 - Kevin N3HKQ
09/12 - Carol KB3GMN or Rich N3SBF	12/05 - Hank KB3FNM
09/19 - Steve W3SRL	12/12 - Harold KB3CPI
09/26 - Kevin N3HKQ	12/19 - Bill W3WH
10/03 - Harold KB3CPI	12/26 - Bell Family
10/10 - Bill W3WH	01/02 - Michael KB3HFP
10/17 - Bell Family	01/09 - Frank KB3FZU

Recent e-mail messages purporting to be from "noreply@arrl.net," the "ARRL.net Support Team" or some similar variation are *not* from the ARRL. These messages are the result of a recent variant of a virus permeating the Internet. ARRL has heard from members who have received e-mails alleging that their ARRL E-Mail Forwarding Service (@arrl.net) address has been used to send out spam and urging them to open an attachment to help resolve the situation. Opening the attachment will infect the recipient's computer. Outside of routine correspondence, the ARRL only sends e-mail to members who request mailings, such as W1AW bulletins and The ARRL Letter, and none of these are sent via the ARRL E-Mail Forwarding Service.

Join WASH or Renew your Membership for 2004 Today! Membership Application on Page 9!

Minutes, July 8th Meeting

Frank Bobro KB3FZU, VP/ Secretary, **WASH**

These are the minutes from the July meeting as recorded by Frank Bobro, KB3FZU, VP/ Secretary, WASH.

Bill, W3WH, **called** the meeting **to order** at 19:05 hours. There were about 22 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 June meeting as published in the June newsletter. The motion was made by Carol, KB3GMN, seconded by Dan, KB3HVN. The motion was voted on and passed.

Committee reports:

Treasurer (N3RDV): Read & Accepted

Secretary (KB3FZU): Frank offered to arrange a tour of WPXI. It would be on a weekend afternoon and he will post some dates on the reflector.

VE Report (N3ZEL): The next VE session will be next week.

Repeaters (N3RNX & W3SRL): No Report.

FM Net Report (N3HKQ): No report.

Ways & Means (KB3GMN): No Report.

Public Service (N3RDV): Mark reports that the Grand Prix is looking for operators. There is a meeting the Friday before the race at 7 PM for a review of assignments; any help will be appreciated. The race is on July 17th & 18th.

Contests (K3VX): Ted, W4ZE, reports that this weekend is the IARU contest. The exchange is the signal report and Zone; our Zone is 8.

Activities (K3VX): Larry reports that our Field Day operation was a success because everyone had a good time and we all ate well.

Rick, KB3IAC, brought the Mid-Atlantic QSO Party results. The club stations did well in the scoring.

The 2004 Pennsylvania QSO Party is the next big club activity on the agenda; it is coming this October. We plan to have a station in Greene County and a second station in Fayette County.

Newsletter (WN3VAW): No Report.

President's Report (W3WH): Thank You to Mark and Ron for preparing and distributing the club rosters. Also, thanks to everyone that contributed to the Field Day effort. About 30 people were in attendance. It was a great showing.

The Space Station QSO planning is underway – Pat, the teacher involved, still owes NASA some information about the school, but that information should be completed by August. AMSAT and NASA are encouraging young people to get involved in this program. They encourage students to pursue careers with a technical background. Normally, the school asks NASA's permission to participate in this program. Then the school prepares about 10-12 kids to ask brief technical questions. The communication to the Space Station lasts about 10-12 minutes. We are in a special situation because an astronaut on the Space Station has said that he wants to talk to this particular school. That places this school at the head of the line. NASA wants to make sure that the radio operators have our act together so that we do not waste the time of the astronaut. (This is a good situation to be in!)

Dan, KB3HVN, suggested that we get some sort of "uniform" shirt like the one that was used at NP2SH DXpedition. Dan will post a note to the reflector on costs of such a shirt.

Old Business: The baseball game (picnic) did not work out because the Washington Wild Things have sold out all of the possible dates. Discussion was held about alternate plans for the picnic. The Sanford's invited the club to have it on their property. Hank, KB3FNM, motioned to have the club picnic on this location and Larry, K3VX, seconded. It was voted on and passed.

W8LEV, Todd, and Hank, KB3FNM, suggested that the club offer a CW practice class or something along those lines. Jim, WB4GCS, suggested that it be done on the air on a 2 meter frequency to generate interest outside of the group. There was some interest and discussion about how to make this happen. Hank will help to organize this effort. Rick, KB3IAC, will assist.

Rick brought up the idea of using Mingo Park next year for Field Day. There

(Meeting Minutes Continued on page 5)

WASH Spotlight: KB3ITG/M



"Here are some photos from a ham and his 18 wheel mobile setup we spoke with on the repeater the other day. His name is Mark Herman, KB3ITG. I asked him to send us some pictures of his setup and he gave us permission to reprint them and/or forward them to all who may be interested in his elaborate setup. Note the quality of the installation of the radios and no less than 7 antennas mounted on his truck!"

Photos & text courtesy of Kevin DeRose N3KFD. Photos ©Copyright 2004 Mark Herman KB3ITG.

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

Monthly WASH Breakfast

Saturday, August 28th & September 25th

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

We alternate our breakfast locations every month to make it easier for club members to get to at least one of them:

Join us in July at **The Starting Line Café** on Route 19 near Race Track Road, north of Washington, and in August at the **Your Way Café**, Caste Village Shops, Baptist & Grove Roads, Whitehall. Start time is about 8 AM until ????. Monitor 146.955 & 443.650 for talk-in or any last minute changes. All are welcome, **WASH** members or not, amateurs or not! See you there!

Wireless Association of South Hills Membership

AA3FI	KB3GMO	KE7FD	N3SBF	W3HND	Barbara Misis David Delmonico
AA3JS	KB3GMP	KE8RN	N3SRC	W3JAF	
AB3AB	KB3GMU	KQ3DX	N3TBK	W3RJM	Silent Keys
K3BZW	KB3GZG	NØPEU	N3UE	W3RWS	
K3JDS	KB3GUF	NØVLR	N3UIW	W3SRL	K3EED
K3LGM	KB3HFP	NØWPV	N3VEH	W3VE	KB3ENX
K3OL	KB3HVN	N2QIV	N3WPPT	W3VFA	KB3FQT
K3PCF	KB3IAC	N3AWF	N3XFE	W3WH	N3KEH
K3VX	KB3ICC	N3BSQ	N3XI	W4ZE	N3OBD
K3WR	KB3JX	N3CZZ	N3YPB	W8LEV	N3SKR
K9LZ	KB3IRQ	N3FZ	N3YQY	WA3JPP	W3ZLK
KA3PPH	KB3IVW	N3HKQ	N3ZCG	WA3RVD	Color Codes: 2004 Member 2003 Member 2002 Member 2001 Member (2000 and earlier members no longer displayed)
KA3TFB	KB3IVB	N3IDH	N3ZEG	WB3BPH	
KA3UPY	KB3KOT	N3INT	N3ZEH	WB4GCS	
KA3WZO	KB3QX	N3KFD	N3ZEL	WB3GTL	
KA3YTS	KC2JJB	N3PN	N3ZNI	WN3BOJ	
KB3ANH	KC4WTT	N3QMV	N4MIS	WN3VAW	
KB3CPI	KC6VLV	N3RDV	NØJF	WO3Z	
KB3DCO	KD3JV	N3RHT	N8DPW		
KB3EPI	KE3XB	N3RNX	W3GEL		
KB3ERQ					

Through July 14th, 2004

List compiled by

Mark Stabryla N3RDV, Vice President/Treasurer

Penn Yan Drops BPL For Wi-Fi

Courtesy of the American Radio Relay League

NEWINGTON, CT, August 2nd, 2004 — The broadband provider that's been testing BPL in the Village of Penn Yan, New York, reportedly plans to "move away" from that technology. The Western New York community of some 5000 residents has been considering various proposals with Data Ventures <<http://www.godvi.com/welcome.asp>> (DVI) to offer broadband service, with the village reportedly getting 10 percent of any generated revenue. A BPL trial has been underway in Penn Yan for several months. According to an article in the July 28 edition of the Finger Lakes Times Online (see <http://www.fltimes.com/main.asp?SectionID=38&ArticleID=5387&SubSectionID=121>), DVI now is proposing to employ wireless mesh "WiFi" technology instead of BPL. ARRL CEO David Sumner, K1ZZ, congratulated Penn Yan Mayor Douglas G. Marchionda Jr and DVI for going with wireless broadband instead of BPL.

"Not only will your citizens receive better service, but a serious radio spectrum pollution problem has been averted as well," Sumner said in a fax to Marchionda and to DVI CEO Marc Burling. "We hope that other communities will be able to profit from your experience." Sumner raised the issue of interference complaints from the Penn Yan BPL trial with Marchionda last April.

The Finger Lakes Times report quotes Burling as saying that his company didn't feel BPL was "commercially deployable." He also cited issues with the BPL trial including security concerns and interference — which will not be an issue with the wireless system.

Burling told ARRL that the Penn Yan BPL system remains on line but would be shut down once DVI starts deploying its wireless system. As for BPL, "We are going to sit back and wait for an official ruling from the FCC and go from there," he added.

Penn Yan already has rejected two DVI proposals to bring high-speed Internet service to the community, the newspaper said. Village officials reportedly met again with DVI representatives this week. DVI is partnering with Nortel to offer the wireless service.

The Finger Lakes Times article quotes Marchionda as saying that the village didn't want to be involved with handling complaints or operating the broadband system. It just wants to rent space on village-owned utility poles and benefit from any revenue the system generates.

Penn Yan and DVI had been looking at a 10-year agreement, but the latest proposal calls for a two-year contract with provisions for an automatic two-year renewal.

In a March 23 article "In This Power Play, High-Wire Act Riles Ham-Radio Fans," Wall Street Journal reporter Ken Brown described a "firestorm" of protest from amateurs when Penn Yan approved the BPL test plan.

ARRL also has learned that Energy East — a cooperative of New York State Electric & Gas and Rochester Gas & Electric — decided against deploying BPL in its Western New York service area. Energy East based its decision in large part on the high levels of radio frequency interference that an engineer and company officials observed during a visit to the Penn Yan field trial.

On July 29, Grand Haven, Michigan, announced that it had become the first community in the US to deploy a WiFi network that blankets the city and up to 15 miles off shore in Lake Michigan with broadband Internet access.

Chambersburg, PA Looking at BPL

Don Aines, The Herald Mail, Courtesy of www.herald-mail.com
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CHAMBERSBURG, PA, July 29th — The Chambersburg Borough Council Monday night approved funding for a feasibility study to determine if the electrical outlets in residents' homes can one day become their high-speed Internet connections.

The broadband-over-power-line technology, which has been undergoing field testing in Manassas, Va., could be used to provide Internet, alarm and surveillance services to electrical customers, while giving the borough a way to do automatic meter reading, outage notification and energy management, according to Borough Manager Eric Oyer. Chambersburg owns its electrical utility, including the power lines, over which both electrical current and information could be transmitted, Oyer said.

The Shpigler Group, a Nyack, N.Y., consulting firm, was hired to do the feasibility study and to come up with a business plan for \$17,000. The study should take about a month, Oyer said.

That move does not mean the borough would be getting into the communications business, he said. "We may end up in what they call a landlord function," Oyer told the council. If the plan is feasible, he said the borough could work with a company that would make the business investment and enter a lease agreement for use of the power grid for information transmission.

He said the relationship would be similar to that which Chambersburg has with Comcast, which rents space on borough utility poles for its cable business. "Our core business is not the communications business," Richard Hamsher, superintendent of the electric department, said in addressing concerns that the borough could be intruding into the private sector. "We don't want to become venture capitalists," Oyer said.

"We offer wireless broadband and our view is that the trend is toward things that are wireless," said Nathan Rotz, president of Innet Inc., a locally-owned Internet service provider. Like cellular phones, individuals and businesses will move toward wireless communications technology in the future, he said Wednesday.

"Wireless is less expensive than any other broadband out there," according to Rotz, who said his company will be interested to see what the feasibility study shows. "We're interested in providing Internet access over whatever media or technology our customers desire," he said.

"The technology Manassas has been using is well-tested," said Hamsher. The technology can be used for wireless communications with transmitters and receivers installed in the power grid, or go directly into homes and businesses with adapters fitted to electrical outlets.

Broadband over power lines is about 10 times as fast as regular dial-up Internet service, Hamsher said.

Revenues from leasing the poles and lines would go into the electric department's fund, Oyer said. The money could be used to help rate payers or be transferred to the borough's general fund, he said.

(Meeting Minutes Continued from page 4)

is an upcoming scouting project called Jamboree On The Air this October. As there was discussion about the Field Day operation being an opportunity for the Scouts to earn a merit badge, Rick suggested that the club participate in JOTA to get our feet wet in dealing with the Scouts and the requirements for teaching the merit badge. A motion was made to participate in Jamboree On The Air by Rick, KB3IAC. It was seconded by Carol, KB3GMN. It was voted on and passed. (It will take about 8 hours to get through the merit badge materials.)

New Business: No Report.

Good of the Order: Ed, N3ZNI - The WACOM Hamfest is coming up on October 3rd.

Jim, WB4GCS – www.amsat.org is a good web site for those interested in satellites. Echo is up in the air and performing well. Ritchie, N3SBF – The North Hills Amateur Radio Club's Hamfest is August 8th. On August 18th the Warren Hamfest will be held.

Motion to Adjourn: Made by Ted, W4ZE, and seconded by Harold, KB3CPI. The motion was voted on and passed. The meeting was adjourned at 19:55. Bill, W3WH, gave a presentation on the club's October 2003 St. John's DXpedition.

Radio Amateurs of Canada has proposed formally that Industry Canada eliminate Morse code as a ham radio testing requirement for operation in bands below 30 MHz in Canada. RAC wants Industry Canada to continue to make Morse testing available to Canadian amateurs who wish to have that qualification specified on their certificate, however. At the same time, the RAC wants IC to require applicants for the Basic examination to score at least 80 percent before permitting operation below 30 MHz. Complete details of the proposal available on the RAC web site

Silent Keys



Antenna & Radio Telescope Designer John Kraus W8JK, 94, July 18th
WBZZ B94FM, 26, July 1

ARRL Requests FCC Clarify It's Response to BPL QRM Complaints

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

NEWINGTON, CT, July 23, 2004 — The ARRL wants the FCC to further explain its recent response to a North Carolina amateur's complaint of BPL interference. FCC Office of Engineering and Technology (OET) Deputy Chief Bruce A. Franca replied July 22 to an April 27 BPL interference complaint from Thomas A. Brown, N4TAB, of Wake Forest. Brown had complained of BPL interference to his amateur HF mobile station emanating from a Progress Energy Corp (PEC) BPL field trial in the Raleigh area. In his letter, copied to ARRL, Franca said an on-site investigation had concluded that PEC's BPL trial "is in compliance" with FCC rules and that the company's ham band notching efforts "are effective" to avoid the potential for harmful interference. ARRL CEO David Sumner, K1ZZ, however, cited evidence to the contrary.

"It is not at all clear that the tests and measurements taken by the FCC . . . established the absence of harmful interference to licensed stations," Sumner responded July 22. He said the League would like the OET to make its test report available to the general public or at least to the League for technical review and comment. The ARRL also wants to know what steps PEC took between April 27 and June 28—when the FCC began its testing—to address interference complaints from Brown and several other radio amateurs.

The FCC defines as "harmful" any interference that "seriously degrades, obstructs or repeatedly interrupts a radio communication service operating in accordance with the Radio Regulations."

According to Franca, FCC personnel "undertook extensive testing and measurements" of the PEC BPL system between June 28 and July 2. The complainant—Brown—says the FCC delegation never contacted him while it was in North Carolina. Franca says FCC measurements indicated notch depths averaging 24 dB below Part 15 emission limits, which he characterized as "sufficient to eliminate any signals that would be deemed capable of causing harmful interference, including interference to amateur operations."

Franca maintained that "in no instances" were signal levels high enough to "cause serious degradation, obstruction, or repeated interruption" of amateur mobile or fixed communications. He conceded, however, that notching on 10 meters was somewhat less effective at the low end of the band and said the FCC would instruct PEC and its partner, Amperion, to widen its notch there.

Sumner noted that the Part 15 device operators "must eliminate all harmful interference, and therefore in some cases much achieve more—in certain cases, considerably more—than a 24 dB reduction in order to be in compliance." He also cited recent reports from amateurs in the area indicating that strong BPL interference continues in parts of the PEC trial zone.

"From consulting with the amateurs who have been and continue to receive harmful interference from the Progress Energy trials, we find that while the interference has been reduced (but not eliminated) in some parts of the amateur bands, it continues unabated in others," Sumner told Franca. Amateurs in the Raleigh area on July 17 and again July 22 monitored a BPL signal "at full strength and causing harmful interference" from 14.290 to 14.350 MHz. "Harmful interference" also was reported in the first 100 kHz of 15 meters as well as on the WVV/VVWV frequencies of 15.000 and 20.000 MHz and on several international broadcasting bands.

"Even in the notched bands," Sumner said, "the interference was still evident on ordinary amateur equipment." He said it's clear to ARRL that the system's Holland Church Road site—where the most recent amateur measurements were taken—is in violation of Part 15.

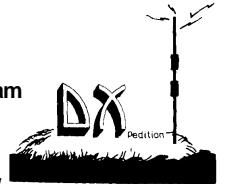
For his part, Brown—an engineer with considerable RF experience—said he was glad the FCC finally took some action but found some of Franca's assertions "very troubling." He told ARRL that his 14-page complaint cited interference "sufficient to mask a weak signal," although it did not register on his S meter. "SØ is still microvolts of signal level," he pointed out. An active Amateur Radio Emergency Service District Emergency Coordinator, Brown said it's not unusual to have to copy similarly weak signals during an HF emergency net.

"This was an action on behalf of the FCC simply to show action," Brown asserted. "I suspect the principal reason for their coming down here was to say they've actually done something." He also worried that the FCC was attempting to define a standard of "acceptable interference" within the framework of what constitutes "harmful interference."

(BPL QRM Complaints Continued on page 7)

DX News Briefs

The VP5X team is once again sponsoring the **Young Ham Contest Program** for the 2004 CQ WW Phone contest. Applications include a 500+ word essay describing how he/she got started in ham radio, naming his/her Elmer & telling why he/she should be selected this years CQWW Phone contest. One winner will be selected to join VP5X, all expenses paid. Entry deadline is August 31st. For more information on submitting your essays, visit the VP5X website at <http://www.vp5x.com>. — NØVD



Another press release was posted July 11th on the **3YØX DXpedition** Web page by Bob/K4UEE and Ralph/KØIR. The DXpedition, which is scheduled to take place between January 20/21st and February 5th, is planning to have multi-national team of twenty operators. They expect to be active with 4-6 high power stations operating around the clock for about 2 weeks. Operations will be on 160-6 meters CW, SSB, RTTY and PSK31. The team still needs funds, as well as additional financial sponsors for this DXpedition. For more details and updates, please visit the DXpedition's Web site <http://www.peterone.com> — KF2TI

Members of the Florida DXpedition Group, Bill **J75WX** (W4WX), Clarence **J79AA** (W9AAZ), Larry **J79LR** (W1LR), Cory **J79CM*** (N1WON), and Vance **J79VL*** (N5VL) will be on Dominica 26 October - 2 November 2004. (* calls requested) They will operate from the Picard Beach Resort Cottages using only vertical antennas. Look for them during the CQWW DX SSB Contest as **J75J**. They will be on all bands and modes prior and after the contest. QSL **J75J** via our manager KR4DA and others via home calls — W4WX

W4WX will be at Guantanamo Bay, Cuba as **KG4DX** 10-14 August 2004. Bill will operate from the GTMO club station. Look for him on SSB, RTTY, and PSK-31 on most bands. QSL with SASE via his home call — W4WX

K4QD will be active as **HH4/K4QD** from 16-27 August 2004. He is traveling to Northwest Haiti where he will operate as time permits. He will be active on most bands on phone and CW. QSL to K4QD via new CBA (January 2004) or via buro — K4QD

KB2MS will be active through 15 August as **HI3/KB2MS**. Activity will be mainly on 20 and 6 meters. QSL via his home call — VA3RJ, OPDX News

IKØYUJ will be QRV through August 7th as **IA5/IKØYUJ/P** from Isola del Giglio (IOTA EU-028). Activity will be on 40 through 6 meters, mainly CW. QSL via home call, direct or bureau — 425 DX News

DH9YAT is QRV through 20 August as **CU7/DH9YAT** on 40, 20, and 15 meters CW QRP. QSL via the bureau to home call — OPDX News

Look for **ATØRI** from Rameswaram, Pamban Island, Tamil Nadu State (possibly a new IOTA number) from 23 - 31 August. 13 Operators are expected. More information to follow shortly — F5NQL

QSL Routes

3B9C via G3WKL — KE3A
3D2ZF via DK2ZF — RW3RN
3D2VB via UA4WHX — SM5DJZ
3G5Q via XQ5SM — W3AWU
3XDQZ/P via F8DQZ — N2JTX
4S7VK via NZ9Z — KU4BP
4U1UN via HB9BOU — XE1ZW
5N9NDP via IK5JAN — W2IRT
5TØEU via OR5EU — RW3RN
5V7C via F5TVG — KZ2I
9U5D via SM5BFJ — K1NU
A71EM via LZ1YE — W9OL
CV5D via CX2ABC — VA7EWK
D2JUR5TY via UR5TY — RW3RN
EA9IE via EA9AM — K1NU
FW/AC4LN via UA4WHX — SM5DJZ
FP/K9OT via KB9LIE — W2IRT
G11A via UT5SI — W2IRT
H44MS via DL2GZC — W2IRT
HKØGU via DL7VOG — RW3RN
J2ØDA via DJ6SI — KZ2I
OA4WW via OHØXX — RW3RN
OJØU via OH1VR — JJ1BDX
P29VVB via UA4WHX — SM5DJZ
SU9BN via EA7FTR — W9OL
T3ØWB via AKØA — AKØA
T3ØZF via DK2ZF — JJ1BDX
T33CA via K6SRZ — JJ1BDX
TO4E via F5OGL — NA5Q
V31RG via K4VU — W2IRT
V73VE via JF1OCQ — JJ1BDX
V73ZF via DK2ZF — RW3RN
V8PMB via G3KHZ — JJ1BDX
VU3JRA via DJ3KR — JJ1BDX
XW1IC via E21EI — JJ1BDX
XZ7A via DL7DF — K1NU
YA8G via LA4YW — KZ2I
YBØDPO via K3AIR — K3AIR
YBØECT via K3AIR — K3AIR
YJØVB via UA4WHX — SM5DJZ
Z22JE via K3PD — W9OL
Z38AV via YU7AV -- W2IRT

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 **WASHRag**. Condition as stated, and all sales should be considered "as-is" unless otherwise noted. All subject to prior sale or withdrawal from sale at the owner's discretion. All responsibility for this information lies with the source and not the **WASHRag** or the **WIRELESS ASSOCIATION OF SOUTH HILLS, INC.**

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FOR SALE: Icom IC-471A 70 cm all-mode transceiver with manuals. 10 watts output. Great first rig or IF for microwave work. \$350. Jim WB4GCS wb4gcs@amsat.org

(BPL QRM Complaints Continued from page 6)

"If it interferes, it interferes," he maintained.

In his letter Sumner also requested that the FCC clarify some additional aspects of its testing and measurement, including specifics on tests at two fixed Amateur Radio station locations where Franca said the FCC observed "no BPL interference" on ham frequencies, and what kind of amateur equipment was used to "show little field strength or observable signal levels in the notched bands," as Franca reported.

"Until these points can be clarified," Sumner concluded, "we trust that the Commission will not permit its conclusion to be erroneously represented as having given the Progress Energy trials a 'clean bill of health.'"



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-

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!

FCC News

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

Newington, CT, August 3rd, 2004 — The FCC has announced expanded hours for its Universal Licensing System (ULS) Hotline Support. ULS users now may reach the FCC ULS Hotline by phone--toll-free, 877-480-3201 or local, 717-338-2888 (Amateur Service callers select Option 2)--from 8 AM until 7 PM Eastern Time except on federal holidays. "Customer demand will determine whether there will be further changes to this schedule," the FCC said in a public notice. ULS Hotline Support also is available via e-mail at ulshelp@fcc.gov. Contact ULS Hotline Support if you have questions about which applications to use, what information is being requested on a ULS form or schedule or any other ULS-related licensing matter. The FCC continues to provide ULS technical support weekdays from 8 AM until 6 PM Eastern time. Call toll-free, 877-480-3701 or local, 202-414-1250 (TTY 202-414-1255). Technical Support handles questions concerning computer access to ULS, uploading files, submitting attachments to ULS filings and FRN passwords. The FCC notes that all calls to the ULS hotlines are recorded <30>



Speaking in Menlo Park, California July 15th, FCC Chairman Michael K. Powell again asserted that broadband over power line technology "holds the great promise to bring high-speed Internet access to every power outlet in America." Powell's statement followed a demonstration of BPL technology at AT&T Labs co-sponsored by Pacific Gas and Electric Company and AT&T. "What I saw today has the potential to play a key role in meeting our goals to expand the availability and affordability of broadband," Powell said. "The future is bright for powerline broadband. We'll continue at the FCC to explore ways to support this technology while protecting other services from interference." <30>

The FCC has ceased issuing 2x3-format Amateur Radio vanity call signs that begin with the prefixes WC, WR, WK and WT (eg, WR1AAA, WC4ZZZ). The Commission has acknowledged that it erroneously granted more than 150 WR and WC-prefix 2x3 vanity call signs from 1997 through September 2003, when it began rejecting such call sign requests.

In the late 1870's (1977— *editor*), the FCC announced a new Amateur Service call sign assignment system (*effective late March 1978— editor*). It provided four standard call sign groups, designated Group A, B, C and D, delineated by license class and issued sequentially with no backfilling. The FCC's Bill Cross W3TN recently told the nation's volunteer examiner coordinators (VECs) that the FCC also had a "Group X." These included WC (RACES), WR (repeater), WK and WT-prefix 2x3-format call signs reportedly reserved for special-use licenses.

The FCC stopped issuing repeater call signs in 1983 and ceased renewing RACES licenses in 2000. After the current vanity program began in 1996, several ham clubs sought new and formerly held repeater and RACES-type call signs. When the Universal Licensing System came along in August 1999, however, the FCC encountered some licensing system programming shortcomings, including the anomalous assignments of WC and WR-prefix 2x3 call signs as acceptable formats.

When the FCC implemented programming corrections that halted the issuance of Group X call signs in September 2003, it did not advise the amateur community. As a result, several amateurs who filed for 2x3 WC or WR-prefix call signs had their applications dismissed without any explanation beyond saying that the applicant's call sign choice was unavailable. That remains the case. The FCC has not indicated whether it plans to address the WC and WR-prefix 2x3 call signs it's already issued.

In a related matter, the FCC's new Amateur Radio vanity call sign regulatory fee of \$20.80 for the 10-year license term goes into effect Tuesday, August 10th. All applications received at the FCC on or after that date must be accompanied by the new, higher fee.

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

www.djernes.org/washrag

Thanks NOPEU for providing the new site!

27th Annual Butler Co ARA Hamfest

4th Annual WPA ARRL Section Convention

Sponsored by the Butler County Amateur Radio Association, Inc.

Sunday, September 12th 8:00 AM to 3:00 PM

Butler Farm Show Grounds at Roe Airport, State Route 68, Butler PA

Talk-in on W3UDX/3 147.39 MHz

\$5 Donation for Admission (Children Under 12 Admitted Free!) — Free Parking!

Outdoor Flea Market \$5 per Vehicle/Set-Up — Indoor Flea Market \$15 per 8 Foot Table

First Prize: ICOM IC-706 Mk II G HF/VHF/UHF Mobile Rig

Second Prize: ICOM IC-208H Dual Band Mobile

Third Prize: ICOM T-90A Tri-Band HT

Fourth Prize: MFJ-259 Antenna Analyzer

Fifth Prize: Comet UHV - 6 40M to 440 Mobile Antenna

Mobile Check-In Until Noon on 146.52 (Mobile Check-In Prize!)

Special Events:

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Forums on a wide range of Amateur Radio Topics!

QSL Card Checking for DXCC, Worked All States, VHF & UHF Awards!

Check the web site for more information at <http://www.qsl.net/w3udx>

Hamfest Coordinator David G. Zibrat W3VXT, 105 Seminole Trail, Butler PA 16001 (724) 282-9077

w3vxt@arrl.net

To Reserve Indoor Vendor Tables contact Keven Berry KF4RMA, 380 Three Degree Road, Renfrew PA

16053 (724) 586-1182 kf4rma@arrl.net

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Free Coffee Courtesy of Ham Radio Insurance Associates

Washington County
Fairgrounds

Sunday, October 3rd

8:00 AM to 1:00 PM

Setup at 6:00 AM

Talk-In on W3CYO/R

145.490 MHz

VE Testing starting at 10:00 AM

Contact Jacque Gosselin, N3ZEL 724-746-9235, n3zel@fyi.net

Prizes Include:

ICOM 706 MKIIG transceiver

MFJ Antenna Analyzer

SGC 239 Antenna Tuner

Digital Camera

ICOM 2100 H 2m Transceiver

Check www.wacomarc.org for updates



Admission: \$5.00

Table Indoors \$10.00

Tailgating Spaces Available @ \$5.00 Each

For More Information: Ed Oelschlager, N3ZNI @ 724-746-9235
n3zni@arrl.net



WIRELESS ASSOCIATION OF SOUTH HILLS, INC.

Membership Application/Renewal for 2004



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

19th Annual North Hills ARC Hamfest

Sunday, August 8th 8:00 AM to 2:00 PM
Northland Library, Cumberland Road, Wexford
Talk-in on W3EXW/3 147.09 MHz
For more information, e-mail aa3ta@verizon.net

Juniata Valley ARC Hamfest

Saturday, August 7th 8:00 AM to ?????
Decatur Township Fire Company Grounds,
4277 US Route 522 North, Alfarata PA (8 Miles East of Lewistown, PA) — Talk-in on 146.910 MHz
Designated a "Meet & Greet" Hamfest for the 2004 Pennsylvania QSO Party!
For more information contact Cliff Bell WB3IVX (717) 248-2616
Or E-Mail wb3ivx@localnet.com or k3qlz@localnet.com

55th Annual Uniontown Gabfest & Tailgate

Saturday, September 4th (Labor Day Weekend) 8:00 AM to ?????
W3PIE Uniontown ARC Clubhouse, Old Pittsburgh Road, Just Off Route 51 & US Route 119
Talk-In on 147.045+ & 147.255+ — Just Call for W3PIE Gabfest Talk-In
Free Parking! Free Swap-n-Shop Set-Up With Registration!
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For more information, Carl Chuprinko WA3HQK 84 Heaven Hill Road, Morgantown, WV 26508-2626 (304) 594-3779
Or Tony Alviar (724) 430-1277 [M - F 8 - 4] Or Available Anytime on 147.045+

Inside This Issue:

- The annual Club Picnic is almost upon us! Hope to see you there!
- ANOTHER Access BPL Trial Is Shut Down... As a WPA community decides to look at into it!
- And you thought KQ3DX had a nice mobile setup in his truck?
- PA QSO is only a few months away... started making plans yet?
- JOTA is a week later, here's the latest scoop on our planned operation!

All this & more... waiting for your right inside these pages!!



Now How's THAT For An Antenna Array!

Our QSO with the International Space Station is scheduled to take place later this month!

ISS Photo courtesy of the American Radio Relay League and ©Copyright 2003 NASA

Upcoming WASH Club Events:
Annual Club Picnic
August 22nd
PA QSO Party October
9th – 10th
JOTA October 16th

The WASHRag

Wireless Association of South Hills, Inc.

Ron Notarius WN3VAW, Editor

946 Sleepy Hollow Road

Castle Shannon, PA 15234-2222



N3SH / WA3SH

NP2SH/B

www.washarc.org