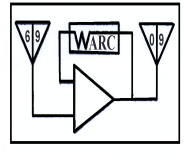




FEEDBACK



Warminster Amateur Radio Club Web Site <http://www.k3dn.org>

June 2004

Next Meeting June 3rd - Pizza and Homebrew

President's Message



Rain rain go away, come another day. At our biggest event of the year (the hamfest) the skies were threatening and dripping all day. Unfortunately this affected both vendor and buyer attendance with both down over years past. The final numbers should be in at the upcoming Board meeting (to occur about a week after I write this) but fundamentally it looks like we broke even. We have been blessed by many years of excellent hamfests and our treasury can support WARC. But needless to say, we will be watching our expenses carefully while doing everything we can to maintain the level of service to the public and membership that WARC has become known for. If its any consolation, the Dayton Hamvention was wetter than ours and it really affected their local vendors and attendees.

Our May meeting brought the annual club officer elections. Under the new constitution and by-laws, this means that all elected officers were on the ballot. Previously the two elected Directors were done at the January meeting. Let me offer my congratulations to: President - Tony Simek N3YNH, Vice President - Anthony Burokas KB3DVS, Secretary - Dan Myers KB3IBQ, Treasurer - Burt Ludin N3YVH, Director - George Brechmann N3HBT and Director - Tom Michaud WA3TQJ. I will be assuming the role of Past President as required by our constitution. (You didn't think you could get rid of me that easily did you?) I know that the membership will support these gentlemen as you have supported me over the past years.

As our new Vice President, Tony

June, 2004

Sainte Marie du Mont, France: Reseau des Emetteurs Francais, TM6JUN. **May 31-Jun 13.** 60th anniversary of Allied disembarkment at Utah Beach. SSB and CW 80, 40, 20, 17, 15, 12 and 10 meter bands. QSL. Denis Villemion, F5RJM, Le Flaquet, 50470 Tollevast, France.

Willow Run, MI: Yankee Air Museum, W8YAF/AM. 1300-1600Z **Jun 4** and 2100-000Z **Jun 6** Celebrating the restoration of WWII B-25D Mitchell bomber *Yankee Warrior*-aeronautical-mobile enroute to and from Reading, PA. Airshow. 146.55. Yankee Air Museum, Mr Sevim Ablay, PO Box 590, Belleville, MI 48112-0590. www.yankeeamuseum.org/YAFFly.html.

Boston Harbor area, MA: USS *LST-325* Amateur Radio Club, W2T. **Jun 4-Jun 14.** USS *LST-325* 46-day, 4119 mile trip up the east coast of the United States. All amateur bands. QSL. Robert Wilder, AF2HD, 6032 Idlemoore Ct, Theodore, AL 36582-4036. Trip begins May 24; WW2LST/MM will also be used.

Camden, NJ: Battleship *New Jersey* Amateur Radio Station, NJ2BB. 1200Z **Jun 5-2359Z Jun 6** 50th anniversary of the four Iowa Class battleships sailing together. 14.250 14.050 7.250 7.050. Certificate. Margaret Burgess, KB2BRR, 150 Schooner Ave, Barnegat, NJ 08055.

Linthicum, MD: Historical Electronics Museum ARC, W3HEM. 1300Z **Jun 5-2200Z Jun 6** The contributions of electronics to D-Day invasion. 14.244 7.244 14.044 7.044. Certificate. HEMARC, PO Box 746 MS4015, Baltimore, MD 21203. <http://www.qsl.net/w3gr>.

New Orleans, LA: Jefferson Amateur Radio Club, W5D. 1400Z-2200Z **Jun 6** 60th anniversary of D-Day from New Orleans. 14.250. Certificate. W5GAD, PO Box 73665, Metairie, LA 70033. <http://www.qsl.net/w5gad/>.

West Chester (Cincinnati area), OH: West Chester Amateur Radio Association, WC8VOA. 1200Z **Jun 6-0500Z Jun 7.** 60th Anniversary of the Normandy Invasion. 28.305 21.305 14.275 7.275 CW up 35 kHz 10 15 20 40 m. QSL. WC8VOA, PO Box 913, West Chester, OH 45071. www.wc8voa.org.

Various, England, Royal Signals Amateur Radio Society, GB6OL. 0700Z **Jun 6-2359Z July 3** 60th Anniversary of Operation Overlord 1944. 21.070 21.056 14.070 14.056. QSL. Mike Humphrey, GØSWY/KF4OFR, 4 Bluebell Rd, Bassett Southampton, Hampshire, England SO16 3LQ. www.rsars.org.uk.

Lake Angelus, MI: McMath Hulbert Solar Observatory, K8MHO. 1600Z **Jun 19-2000Z Jun 20.** 70th anniversary of the first movies of surface of the sun. 21.350 14.250 7.250 3.850. Certificate. McMath Hulbert Astronomical Society, 895 N Lake Angelus Rd, Lake Angelus, MI 48326. www.mcmathhulbert.org.

Fayetteville, AR: Amateur Radio Klub of the Arkansas Northwest, W5F. 1400-0000 **Jun 19-20** and 1400-000 **Jun 20-21.** Airfest 2004. Bottom portion of General band 20m 15 m SSB. QSL. ARKAN, PO Box 9701, Fayetteville, AR 72702. www.arkan.us.

Boston Harbor area, MA: USS *LST-325* Amateur Radio Club, W2T. **Jun 26-Jul 1.** USS *LST-325* 46-day, 4119 mile trip up the east coast of the United States. All amateur bands. QSL. Robert Wilder, AF2HD, 6032 Idlemoore Ct, Theodore, AL 36582-4036. Trip begins May 24; WW2LST/MM will also be used.

Los Alamos, NM: Los Alamos Amateur Radio Club, W5PDO. 1500Z-1800Z **Jun 26.** Earthwatch Institute's Student Challenge Awards Program from Fenton Hill Observatory. 28.450 21.350 14.250. Certificate. Don Casperson, AA5PA, 984 Nambe Loop, Los Alamos, NM 87544. <http://laastro.lanl.gov/earthwatch>.

Courtesy The ARRL Newsletter

Burokas will be organizing our guest speakers. There are many areas of interest to amateur radio operators that may not be directly radio or even communications related. If you have any suggestions for speakers, please let him know at a meeting. His club e-mail address should be setup shortly and you'll be able to forward ideas to him that way. As a matter of fact I have two ideas and I'm sure I can get one of them to pan out. Most people or organizations are honored to be asked and the only difficult part is to

(Continued on page 2)

The Warminster Amateur Radio Club is a volunteer-based organization. Without the selfless work performed by volunteers such as yourself, there would be no Club.



(Continued from page 1)
coordinate a date.

The Senior Center has an opportunity to rent the main room we use on Thursday nights and is pursuing it. This would be every Thursday and it obviously conflicts with our General Meeting nights. Our option is to switch to Monday nights but this would mean conflict with several holidays. We will be discussing this at the May Board meeting and we will bring it to a vote of the membership.

Finally, Field Day is coming on June 26 and 27 with some set up on Friday June 25th. Once again we will be at National Shrine of Our Lady of Czestochowa, 654 Ferry Road, Doylestown. If you have been wondering what Field Day is like, this will give you a chance to stop by and operate. Stu Simon K2QBU is heading up this year's effort and he will gladly take your name if you would like to sign up. My wife Marianne KA2VJO has gladly volunteered once again (yes, she really did volunteer) to handle kitchen duties. I have not confirmed it with Al WI3Z but the deep fried turkeys may show up again.

And on that note I look forward to seeing you at the next meeting.

73,
Mark Kempisty - N3GNW
President
Warminster Amateur Radio Club

**Minutes of Warminster ARC
May 6, 2004
Dave, AA3UR, Secretary**

Mark, N3GNW, called the meeting to order. Ken, N3GFX, and Jim Honorman attended as guests. The minutes, as printed in *Feedback* were approved.

A new slate of officers was elected unanimously by voice vote of 37 members attending. They are:
President: Tony Simek, N3YNH; Vice-President: Tony Burokas, KB3DVS;

Secretary: Dan Myers KB3IBQ;
Treasurer: Burt Ludin, N3YVH;
Director George Brechmann, N3HBT; Director Tom Michaud WA3TQJ. They will take office July 1, 2004.

Field Day 2004 is coming up the last weekend in June. We could use a co-chair, as Stu, K2QBU, the Field Day 2004 Chairman, will not be able to attend.

The WARC has been asked to provide communications support for the National Gymnastics Meet, July 4-8, 2004 at Hatboro-Horsham High School. When held last year in Savannah, Ga, the local hams provided support that was very much appreciated. There will be three gyms operating three sessions a day with about 1300 to 1500 kids.

Vice President: Tony, N3YNH listed some of the future meeting programs.
Tonight Frequency measurement, Bill K3ZMA
June Homebrew night with pizza and a twist
August Spacecraft construction, Steve, WW3Y

Treasurer: Vahan, KB3DHU, gave the treasurer's report.

Secretary: Dave, AA3UR, had nothing new.

Committee Reports:

Hamfest
Bill, K3ZMA, reported that the hamfest attendance was down slightly due to the weather. Ken Hanson won the Handie-Talkie. The Trenton Computerfest coincides with our hamfest next year. Alternate dates available did not seem any better, so we will keep our present date.

Membership
Bud, K3TPM, reported that we have

about the same 121 active members. We had 22 renewals last month and two so far in this month.

Public Service
Memorial Day Parade, May 31, 2004. There will be a new route. We need 12 operators. Free hot dogs, beer, and soda will be provided.

Five Ponds Golf Club will host another hole in one June 3, 2004. Ten operators will be needed 7:30 AM until 1:00 PM. Four holes must be watched. As usual, a free meal will be provided afterwards.

Classes:
One Student Passed his No Code Tech.

Field Day
Stu, K2QBU, reminds us that Field Day 2004 is coming June 26 and 27, 2004. This is the once-a-year practice for a real emergency with operation from the field without the use of commercial power. The tent has been made available. Tables have been ordered. Food and soda is being acquired. A co-coordinator is needed, as Stu will not be able to be there that weekend. Band captains have been assigned for 20, 40, 10, and 75 meters. Mark's wife has agreed to cook again.

Old Business: None to report

New Business
Jere Robinson, K2AKW, is looking for anyone who might know anything about David S. Porter K2BPP who is listed on the WARC club Silent Key list.

May 20, 2004 the Packrats will host AC5OG demonstrating the Software Defined Radio.

Norm Quizzero (sp?) has taken a position with the ARRL headquarters.

Doc is looking for operators for a special events station at the Union League in Philadelphia. Let him

(Continued on page 3)

(Continued from page 2)

know if you can participate.

Bill, K3ZMA, is looking for information on the whereabouts of David Wiegand. Let him know if you have any information.

April 16, 2003, the FCC permitted a modification to Part 15 for RFID tags in the 433.5 to 434.5 MHz band to permit a longer duty cycle. This is being opposed by the ARRL and is being supported by the FCC and Homeland Security.

Good and Welfare: Burt, N3YVH is back while recovering from shoulder surgery.

With no other business, the meeting was adjourned, followed by the 50/50 drawings.

David Porter AA3UR
Secretary

MEETING INFO - TONY SIMEK, VP

June - Homebrew Night & Pizza Social
Future Meetings:
Spacecraft Construction - Steve Larson
HDTV - Pete Putnam

PUBLIC SERVICE

Five Ponds Golf Club will host another hole in one June 3, 2004. Ten operators will be needed 7:30 AM until 1:00 PM. Four holes must be watched. As usual, a free meal will be provided afterwards. Contact Burt, N3YVH.

Operators will be needed again this September for the Polish Festival. Burt, N3YVH, will be the coordinator. He needs 10 operators/day.

HAMFEST REPORT

Due to the efforts of all the club members we were once again able to pull off a successful Warminster ARC Hamfest on May 2nd, even though Mother Nature didn't cooperate. At least the very early rain stopped by 6 AM or so and the attendance was still

relatively strong. This year there were very few snags, the biggest being the very early crush of vendors wanting inside spaces due to the weather.

Turnout this year was slightly weaker than recent years, which considering the weather, I consider a roaring success. Our gate entries were nearly three-quarters of the normal amount and vendors were about two-thirds of normal. WARC incurred an extra charge, over last year, from opening building two but that was offset by the decrease in township fees this year and both buildings were nearly filled with vendors.

My personal special thanks to Mike W3MJP, Eli W3YEP and numerous other untold insomniacs for their dedication that made the VERY early shift of the front gate run so smoothly again this year. At the other end of the clock, I really appreciated those who were able to stay late and help pick up equipment. Also thanks to Heather, KB3JUY, for being the public contact person this year and who also passed the written element for her General ticket at the hamfest, and to Dan, KB3IBQ, who was our vendor contact and according to Vahan did a great job (which is quite a complement!).

The club owes a special thanks to both Jim Elmore WA4YWM for his computer controlled receiver project and Norcal 40 demos and John KE3S for his QRP construction demo. Word has it they were an enjoyable experience to both the presenters and viewers of these fine examples of Ham state-of-the-art. Hopefully we can expand on this again at next year's hamfest. Unfortunately, Rick, K3TL, from HRO was ill and unable to join us for a demo of his Software Defined Radio; we'll try to get him again next year too.

Another thanks in print to the vendors who also donated door prizes and especially Gene, K2KJI, from KJI Electronics at <http://www.kjielelectronics.com> for the Icom 2 meter HT Grand doorprize and other prizes. The Grand prize was won by Ken, N2VIP, who said he's frequently attended the WARC hamfest in the past.

The flyer for Hamfest 2005 is available on the website homepage (thanks to the WIZ) for those of you who are going to more hamfests over the summer. If you want large quantities, let me know when you'll need them. If you have any suggestions on how we might improve our Hamfest please contact me any time.

Congratulations to all the club members who participated in working together to bring off another successful Hamfest in 2004. Thanks to you all, Bill Strunk K3ZMA

CLUB STATION

The WARC club station is open to anyone with an interest, on Tuesday evenings between the hours of 7:00 and 9:00 pm. For further information, call George Brechmann N3HBT at 215-443-5656.

WARC ALUMNI MEMBERSHIP

Attention all former WARC members. At the March 4, 1999 General Meeting, revisions to our club's constitution were approved that among other things, establishes a new Alumni membership category for former WARC members who are unable to attend meeting and Club activities on a regular basis due to health considerations or travel impediments. Dues for the Alumni membership were established at \$8.00 annually to cover the costs of printing and mailing our monthly FEEDBACK newsletter. Contact Alumni Coordinator Randy Gehman

(Continued on page 4)

(Continued from page 3)

(N3LJE) or Membership co-chair Bud Bechtel (K3TPM) or Membership co-chair Mark Hinkel (WA3QVU) for more information.

FOR SALE

ITEM 1

PACKAGE DEAL

(1) Elecraft K2 in mint condition with all manuals, KSB2, K160RX, KNB2, KAF2, KAT2, KBT2 options installed; revision 2 firmware, second stage XFIL mod done, grounding of XTALS X7-X11 mod done; wired for ICOM HM-36 mic (NOT INCLUDED). Also included is the famous PW-1 vertical made by Vern (never used), PALM mini paddles, custom made dust cover, OAK HILLS WM-2 QRP wattmeter with manual (mint), aluminum attaché case with foam inserts for above gear. All of the above are like new! The K2 was professionally built.

ASKING FOR THE PACKAGE:
\$1,025

(2) Mint ICOM R-7000A wide band receiver, unblocked, covers 28 Mhz to 2.0 Ghz, with original factory carton and manual, custom made vinyl dust cover. Radio stored in environmentally controlled environment since purchased new from AES, used briefly recently. Collector quality, no better unit available out there.

ASKING: \$800 firm

Contact: Bob Wilderman, K3SRO
e-mail: dlrwild1@comcast.net
phone: (215) 822-7474

ITEM 2

I will have some rigs from an estate for sale at the next hamfest - rough list:

Ts-430
TS- 570
SB- 220 amp
2 meter base and handie

I will have these items before the hamfest if anyone is interested.
Contact Doug Crompton, WA3DSP
Phone: 215-355-5307

ITEM 3

Icom 706 - Original w/2m.
Excellent condition. Full output in all modes and bands.

Includes original manual, and power cable.

Includes IC-SM6 desk mic w/adaptor cable for 706.

Includes HM-103 Handheld Mic.

Also includes cable for detachable faceplate.

Everything in excellent condition.

This is a 100% full duty cycle radio excellent for digital modes. Originally my first rig years ago. I have since moved on to other radios and this one just sits, unused except for a few hours of use on field day.

I'D LIKE TO TRADE FOR:

Yaesu FT-100 or similar rig.
HF/2m/440 w/detachable face and hand mic.

If you have something close- contact me:

anthonybme@verizon.net
215-632-3283.

Anthony (WARC member) KB3DVS

LOOKING FOR CW PRACTICE

I'm looking for anyone that would like to have an occasional practice CW QSO.

My radio can work any band, but is best at 40 meters and above. HF, VHF, it does not matter to me. I can work about 5 wpm and I'm interested in improving that.

Thanks very much for your time and attention.

73,

Steve Schnell, KB3HKB

e-mail: KB3HBK@runbox.us

SOLAR UPDATE

Sun watcher Tad "Don't Let the Sun Go Down on Me" Cook, K7RA, Seattle, Washington, reports: Solar flux values and sunspot numbers moved higher over the past week.

Average daily sunspot numbers rose nearly 65 points to 113.6. Average solar flux rose more than 18 points. The sunspot number reached a peak of 148 Sunday, May 16.

We are currently within a weak stream of solar wind from a coronal hole, so some resulting geomagnetic activity is possible. The predicted planetary A index for May 21-24 is 15, 15, 12 and 10. Solar flux should stay around 100 during the next week. Seasonal noise levels should begin to rise as well.

Sunspot numbers for May 13 through 19 were 107, 98, 117, 148, 147, 91 and 87, with a mean of 113.6. The 10.7 cm flux was 100.8, 109.6, 115.3, 118.3, 111.1, 107.8 and 108.8, with a mean of 110.2. Estimated planetary A indices were 13, 8, 9, 4, 5, 4 and 6, with a mean of 7. Estimated mid-latitude A indices were 17, 4, 7, 4, 3, 4 and 6, with a mean of 6.4.

ARRL SUPPORTS FCC'S COGNITIVE RADIO TECHNOLOGY PROPOSALS WITH RESERVATIONS

The ARRL says it generally supports the proposals contained in an FCC Notice of Proposed Rule Making and Order (NPRM&O), ET Docket 03-108 relating to so-called cognitive radio (CR) technology. But the League urged the FCC to avoid large-scale deployment of CR technology--and especially of

WARC JACKETS, SHIRTS AND HATS

Are available. Delivery within one month of placing order- the more we order, the lower the prices. See Bob (K3SRO) or call him at 215-822-7474 for order forms and cost information.

(Continued from page 4)

unlicensed devices in spectrum regularly used by licensed services-- "until further experience with the technology is obtained." The ARRL also strenuously objected to a proposal to allow cognitive radio technology devices to operate under Part 15 in "rural areas" at up to a sixfold increase in the currently permitted power level in several UHF bands that include amateur allocations.

"ARRL opposes increases of power levels for undefined and indefinable 'rural areas,'" the League's comments said, "because the practical radio horizon at higher Part 15 power levels makes interference with the Amateur and Amateur-Satellite service operations in many frequency bands inevitable." The FCC seeks to allow a transmitter power increase of up to six times (approximately 8 dB) higher than current Part 15 limits in the

902-928, 2400-2483.5 and 5725-5825 MHz bands and in the 24 GHz band.

The League said the Commission should not view cognitive radio as an opportunity to increase permissible Part 15 power levels and questioned why the FCC was willing to put forth such proposals "without the slightest real-world test deployment" of the systems it wants to authorize.

A "cognitive radio" is one that "can change its transmitter parameters based on interaction with the environment in which it operates," the FCC's NPRM&O says. "This interaction may involve active negotiation or communications with other spectrum users and/or passive sensing and decision making within the radio." Most cognitive radios will be software defined radios (SDRs), the League predicted.

"There is no need for separate rules

regarding cognitive and software defined radios," the ARRL said, calling both "an excellent opportunity" to drive technological advancement within Amateur Radio. "They should and can be regulated within the existing rules." The ARRL also urged the FCC to avoid creating regulatory obstacles that would hamper "experimentation and flexibility in conducting amateur operations."

"These technologies will allow ever-greater participation by amateurs in restoration of communications systems following a wide-area emergency or disaster and in conducting disaster relief efforts on site in coordination with served agencies," the League predicted.

Submarine-based ham station to be on the air

A ham station aboard the Swedish submarine HMS Uppland, SL8SUB, will be on the air this weekend to mark the 100th anniversary of the Swedish Navy's submarine service. Operation will be on CW and SSB, HF and VHF. This will mark the first-ever ham operation from a Swedish sub.-- The Daily DX <<http://www.dailydx.com>>

SKYWARN INFORMATION

MOUNT HOLLY NWSFO SKYWARN Weekly Information Net: EVERY THURSDAY AT 21:00 HOURS

(see Frequency List for a local VHF or UHF repeater)

Bucks County SKYWARN Weather Spotter PRIMARY FREQUENCY: 147.300MHZ (+ 131.8)

Fairless Hills, PA (many remote access locations throughout Bucks County)

SKYWARN URL: <http://www.wx2phi-skywarn.org>

SKYWARN Net Repeater Listing/ Streaming Audio of scheduled SKYWARN Net: <http://www.skywarnnet.net>

2004 Contest Calendar

<u>Month</u>	<u>Contest</u>
June	12 - 14 ARRL June VHF QSO Party 26 - 27 ARRL Field Day
July	10 - 11 IARU HF World Championships
August	7 - 8 ARRL UHF Contest 21 - 22 ARRL 10 GHz and Up Contest
September	11 - 12 ARRL September VHF QSO Party 18 - 19 ARRL 10 GHz and Up Contest
November	6 - 8 ARRL November Sweepstakes (CW) 20 - 22 ARRL November Sweepstakes (Phone)



> CLUB EQUIPMENT

WARC members can borrow club equipment- see the club Vice-President, who is responsible for keeping track of club property. In addition to the normal HAM JUNQUE, we have two ICOM HT's with accessories (one for 2 meters; one for 440mhz) and an ICOM 2 meter all-mode available. WARC policy is to make club equipment available on a three (3) month loan policy to club members. As custodian of club property, you will have to sign a form acknowledging your financial responsibility to WARC in the event the loaned equipment is lost or damaged.
DE, Mark Kempisty, N3GNW

ATLANTIC DIVISION HAMFESTS - 2004

➤ + *indicates ARRL Hamfest*

12 Jun 2004 + Columbia-Montour ARC Bloomsburg, PA

<http://www.qsl.net/cm-arc/flyerweb.html>

20 Jun 2004 + Frederick ARC Frederick, MD

<http://www.qsl.net/k3erm>

20 Jun 2004 + East Coast Long Wire Association

<http://www.qsl.net/eclwaNorth> Wildwood, NJ

3 Jul 2004 + Murgas ARC Wilkes-Barre, PA

<http://www.qsl.net/k3yt1>

4 Jul 2004 + Harrisburg RAC Harrisburg, PA

<http://hrac.tripod.com>

11 Jul 2004 + Mid-Atlantic ARC Kimberton, PA

<http://www.marc-radio.org/hamfest.html>

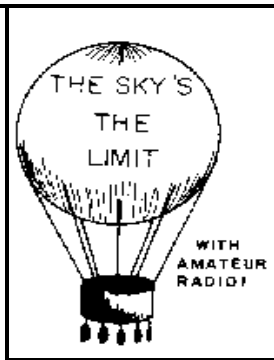
CONVENTIONS and CONFERENCES

73' de Bernie Fuller N3EFN, Director Atlantic Division ARRL

V.E. TEST LOCATIONS

Confirm all information, in advance, with the contact person. Licensed applicants must bring the original, and one photocopy of their license. All applicants, including children, must bring two forms of positive ID. Also bring the original, and a copy, of any Certificate of Successful Completion needed to prove current status. The ARRL VEC'S 2003 test fee is \$12.00.

- ◆ **Warminster Amateur Radio Club**, Monthly, Last Wed. 7:00 pm - Tom Michaud, WA3TQJ, 215-343-3494.
- ◆ **Bellmawr, NJ**, Monthly, 3rd Thursday 6:30 PM Bellmawr Comm. Senior Citizens Center Browning Rd. at Lewis St. Diane Nafis N2LCQ, 856-228-8088.
- ◆ **Levittown, PA**, Monthly, 1st Saturday - George LeNoir, WR3B, 215-943-4886.
- ◆ **Telford, PA**, Monthly, 3rd Monday - Joe Burgess, W3PNL, 215-723-6697.
- ◆ **Philadelphia, PA**, NE Philadelphia, Pa. Monthly; 1st Thursday - 6:00pm. Philmont Mobile Radio Club at Space Research Center (SPARC) Northeast High School Cottman and Glendale Aves. (Enter the SPARC wing from Glendale Av., opposite Teesdale St.)- Dusty Rhoads, ND3Q, 215-482-0386 Or 215-879-0505. No exam in July or August.



The Warminster Amateur Radio Club Announces Free Ham Radio Instructional Classes

If you're interested in Ham Radio, or think you might be, this is your opportunity. Perhaps you'd like to learn about digital communications, Morse code, VHF, UHF, satellite, or perhaps you'd rather sit down and chat with someone in South Africa, Russia, Great Britain or in the space shuttle.

We'll help you learn the theory and practices that make for a most enjoyable hobby. There's no telling just how far you'll go unless you make the first move and give yourself a chance to explore the world.

At The Benjamin Wilson Senior Center
580 Delmont Avenue, Warminster, PA

For information Email altemus@drs-fsc-comm.com or
call: 215-855-3856, 6 to 10 pm Ask for George

Area Repeaters

VHF	
145.310	R.F. Hill
145.350	Doylestown R.C.
145.250	Penn Wireless
145.330	Hilltown
146.670	DVRA
146.685	Holmesburg
146.925	Willingboro
147.000	Ham Buegers
147.030	Phil-Mont
147.090	Warminster
147.165	Delmont R.C.
147.270	Frankford
147.300	BEARS
147.390	CBRA

220	
224.580	PackRats

UHF	
442.650	DVRA
443.250	TAG
443.050	Metro-Comm
443.950	Warminster
444.200	BEARS
449.325	KA3WXV
447.475	WR3B
447.625	WE3E
448.225	Penn Wireless

6 Mtr	
53.030	WA3BXW
53.230	N3DQZ
53.370	K3MFI

1296	
1295.000	K3PHL (-20 MHz split)

Goddard ARC

Shuttle Rebroadcast Frequencies

Frequency	Mode	Band
3,860 kHz	(LSB)	80 meters
7,185 kHz	(LSB)	40 meters
14,295 kHz	(USB)	20 meters
21,395 kHz	(USB)	15 meters
28,650 kHz	(USB)	10 meters
147.45 MHz	(FM Simplex)	2 meters

Metro-Link repeater network

29.62	Chester, PA
147.135	Buckshootum, NJ
147.315	Chester, PA
223.96	Millville, NJ
223.98	Ocean city, NJ
224.68	Eagleville, PA
224.96	Chester, PA
443.00	Linwood, PA
443.05	Chester, PA

Net Schedules

Sunday	2100	10 Meter Net	28.440 MHz
Wednesday	2030	2 Meter Net	147.09 Rptr.
Wednesday	2030	Linked w/ 2 Meter Net	443.95 Rptr.
Sunday	2030	Informal Net	223.5 Simplex
Thursday	2000	Bucks Cnty RACES Net	145.35 Rptr.
Thursday	1900	Mont. Cnty RACES Net	146.235 Rptr.

Are you submitting an article for the Feedback ?

Contributions of articles to be published are always accepted for consideration. Please follow these guidelines:

- Submit in IBM format on a floppy disk.
- Or via E-Mail to:
wa4ywm@comcast.net
- Or via snail mail to:
FEEDBACK EDITOR
Warminster Amateur Radio Club
Box 113
Warminster, Pa 18974
- Use both upper and lower case letters.
- Use your program's spell check.
- If you don't have a computer, then typewritten sheets are o.k, but please use both upper and lower case.
- Put your name and call at the beginning or end of the article, and show credits if you are using material from another source.
- Deadline for articles is the Thursday after the Club meeting.
- Volunteers are needed for folding at the Board Meeting, Ben Wilson Center, last Thursday of the month, 7:30 PM.

Bucks Bagels
1179 York road (RT. 263)
Warminster, PA
674-1400

"Home of the fresh, not frozen dough"

The annual dues rate structure is as follows:

Full Member: \$ 20.00
2nd Family Member: \$ 10.00
Student: \$ 10.00
Alumni: \$ 8.00
12th grade or under: \$ 5.00

- Are your dues current ?
- Check the date on your Feedback mailing label.

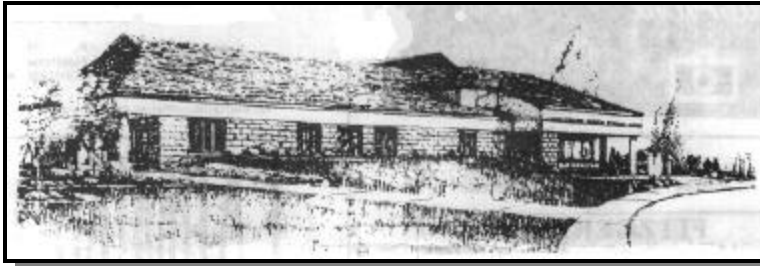
2004 Officers

Executive Officers

President	Mark Kempisty	N3GNW	953-1493
Vice-President	Tony Simek	N3YNH	674-5218
Secretary	Dave Porter	AA3UR	579-0597
Treasurer	Vahan Shahinian	KB3DHU	442-1243
Director (E)	Burt Ludin	N3YVH	441-4483
Director (E)	George Brechmann	N3HBT	443-5656
Director (A)	Al Konschak	WI3Z	491-9941
Director (A)	Hugh Hart	N3SOQ	773-8451
Past President	Rocky Pistilli	N3FKR	572-5330

Committee Chairpersons

Feedback Editor	Jim Elmore	WA4YWM	538-1889
Membership co-Chair	Bud Bechtel	K3TPM	659-9093
Membership co-Chair	Mark Hinkel	WA3QVU	6594449
Field Day '04	Doc Whitticar	W3GAD	968-0641
Field Day '04 co-chair	Stu Simon	K2QBU	345-9295
Grange Fair '04	Doug Crompton	WA3DSP	431-6307
Hamfest '04	Bill Strunk	K3ZMA	822-0749
January '04 VHF Contest	Joe Bagnick	N3EMA	997-2539
PA QSO Party '04	Jack Jones	W3NTD	947-1918
Picnic '04	Mark Kempisty	N3GNW	953-1493
Archives	Frank O'Neill	N3UQP	699-9549
Alumni Coordinator	Randy Gehman	N3LJE	822-9473
ARRL Liaison	Kristina Pistilli	KB3ECW	572-5330
Awards Mgr.	Vince Pironti	KD3TC	674-0446
Classes	George Altemus	KA3WXV	855-3856
DXpedition	Doc Whitticar	W3GAD	968-0641
Special Interest Groups	Ron Wenig	NY3J	638-9257
CW/QRP co-chair	Marty Squicciarini	NR3Z	393-1492
Digital/APRS co-chair	Ron Wenig	NY3J	638-9257
FM/Repeater co-chair	Mark Hinkel	WA3QVU	659-4449
HF co-chair	Dennis Shegda	N3KRE	657-7283
Satellite co-chair	Joe Bagnick	N3EMA	997-2539
VHF/UHF/MW co-chair	Al Sheppard	N3ITT	610-847-5490
Emergency Coordinator	Stu Simon	K2QBU	345-9295
Fundraising	Erik D'Onofrio	N3YNX	675-9165
Hamwear	Bob Wilderman	K3SRO	822-7474
Holiday Dinner co-chair	Berni Lindinger	N3RJD	343-5249
Holiday Dinner co-chair	Doug Mahoney	N3RJE	343-5249
Interference	Tom Michaud	WA3TQJ	343-3494
Net Manager	George Brechmann	N3HBT	443-5656
Notary Public	Whitey Metzger	AA3FT	947-0843
Publicity	Alan Ash	KA3YCG	357-9286
RACES Liaison	Bob Phillips	KA3VKU	766-0456
Refreshments	Randy Gehman	N3LJE	822-9473
Refreshments	Doc Morein	KA3RAU	542-0593
Repeater Coordinator	Brian Taylor	N3EXA	257-6303
SKYWARN Liaison	Mike Patton	W3MJP	491-9665
Station Trustee	George Brechmann	N3HBT	443-5656
Sunshine Club	Vince Pironti	KD3TC	674-0446
Township Liaison	George Brechmann	N3HBT	443-5656
VE License Testing	Tom Michaud	WA3TQJ	343-3494
WEB Site Coordinator	Al Konschak	WI3Z	491-9941
Youth Programs Co-Chair	Al Folsom	KY3T	343-8851
Youth Programs Co-Chair	Steve Larson	WW3Y	822-1511

Club Station**Meetings****Talk To Us**

The Club Station - K3DN - is located at the Benjamin Wilson Senior Center, Delmont Avenue, Warminster, PA. The station is open for club members and the interested general public on non-holiday Tuesday evenings from 7 to 9 pm . The station is fully operational on HF (80 meters through 10 meters) both phone and CW. There is an assortment of amateur radio shareware which may be copied under the shareware licensing agreement.

For additional information on the Club Station please call the Station Manager N3HBT - George at 215-443-5656.

- WARC Meetings are held the first Thursday of each month at 7:30 pm at the Benjamin Wilson Senior Center, Delmont Avenue, Warminster, PA. Talk in is available on the 147.09 & 443.950 repeaters.

APRS on 144.390

K3DN is also operating APRS on 144.390

Internet Connection

For general club correspondence:
k3dn@k3dn.org

For Feedback articles:

wa4ywm@comcast.net

Visit our Home Page on the WWW:

<http://www.k3dn.org>

**Federal Communications
Commission**

1270 Fairfield Road
Gettysburg, PA 17325

License Information

800-322-1117 - M-F 0800-1630

Fax-On-Demand 202-418-0177

FEEDBACK

Warminster Amateur Radio Club
Box 113
Warminster, Pa 18974

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