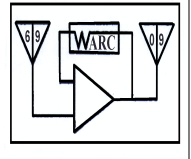




FEEDBACK



Warminster Amateur Radio Club

Web Site <http://www.k3dn.org>

September 2005

Next Meeting September 12th - Star Gazing

Warminster Amateur Radio Club Club Meeting Minutes for August 8, 2005

Meeting called to order by the President at 7:45 pm.

MINUTES FROM THE LAST CLUB MEETING-

VISITORS-

Mike Schaffer(KB3MMI) and John Huber(K3BON).

UPGRADES-

None

NEW MEMBERS-

None

BIRTHDAYS-

None

INTRODUCTIONS-

TREASURES REPORT-

As given by the treasurer. Denise (KB3ANO) request that all committees need to submit their respective budgets to her ASAP.

COMMITTEE REPORTS-

Ham Fest- If anyone is planning on attending any of the area ham fests, please see Bill(K3ZMA) for 2006 WARC ham fest flyers. The ARRL has been notified that the WARC ham fest is scheduled for Sunday May 7, 2006.

Repeater- Brian(N3EXA) informed the group that the "new" 2m repeater has been installed and is working fine. There are now three RX sites: Lower Bucks, Hilltown and Warrington. Brian encouraged all club

ATTENTION! - MEETING DAY CHANGE

Starting with the October meeting the WARC meetings will be going back to the first Thursday of the month.

2005 Contest Calendar

Arkansas QSO Party 1400Z, Sep 10 to 0600Z, Sep 11 and 1800Z, Sep 11 to 0200Z, Sep 12

Tennessee QSO Party 1800Z, Sep 11 to 0100Z, Sep 12

Texas QSO Party 1400Z, Sep 24 to 0200Z, Sep 25 and 1400Z-2000Z, Sep 25

September 10 - 12 ARRL September VHF QSO Party
17 - 18 ARRL 10 GHz and Up Contest

November 5 - 7 ARRL November Sweepstakes (CW)
19 - 21 ARRL November Sweepstakes (Phone)

December 2 - 4 ARRL 160 Meter Contest
10 - 11 ARRL 10 Meter Contest

members to please use the repeater.

PA QSO Party- 2nd full weekend in October (October 8 and 9). Mark(N3GNW) is chairing the event and will be collecting log sheets at the November club meeting. Logs must contain: Call Sign, Serial # and County. Anyone working 100 stations will receive a prize coffee mug from the WARC. There is also a prize plaque for anyone working all 67 Pennsylvania counties. Mark will have his station (N3GNW) set-up in Susquehanna County. This contest is QSO friendly and short "rag chews" are not discouraged. Full details and contest rules can be found at the Nittany Amateur Radio Web Site: www.nittany-arc.net

Membership- Mark (WA3QVU) and Ben Johns(K3JQH) are looking for volunteers to help out at the NBC 10 Tec-Fest at the Fort Washington Convention Center in the fall. The ARRL's Eric Olena will also

participate at the event.

Field Day 2005 – Ron(NY3J) gave a report on the scores for the this year's field day that was held at the Warminster Community Park. The club had a total of 3,890 points. Field Day 2006 will return to the Shrine of Chestahova in New Britain Township.

PUBLIC SERVICE-George(N3HBT)

Labor Day Weekend End and September 10 and 11 - Polish/American

Festival at the Shrine of Chestahova in New Britain Township. The event is from 9am to 5pm. Radio operators are needed at the entrances, warehouse and beer tent. All volunteers are well fed. If interested, please see Burt(N3YVH).

October 10 - Hole in one golf outing at the 5 ponds golf course. 7:30am to 1:00pm. Eight to ten operators are needed. A hot buffet luncheon follows.

(Continued on page 2)

PROGRAMS

September 12, 2005: Star Gazing!

The nights are getting longer... so Deric Pitts, KA3NQN, revisits WARC to tell us about recent advancements in consumer astronomy gear. From telescopes and digital cameras to powerful imaging software, the hobbyists are nearly professional! Come with your eyes wide open.

October 10, 2005: Temple's Ramblin' Rover

Dennis Silage, PhD, K3DS, Professor of Electrical and Computer Engineering at Temple University (<http://www.temple.edu/k3tu>) will recap for us their Rover project covered in the Nov 2004 QST. This system uses 146.58 and 426.25 MHz to drive a remote vehicle to a distance of 5 miles from the base station, while feeding telemetry and video back from the Rover.

November 14, 2005: A RRL Night.

Kay C. Craigie, N3KN, Second Vice President, Frankford ARC member and multi-award winner, visits WARC to get to know us and let us know what is going on in the ARRL. Find out what you can do, and what the ARRL is actively doing for you.

December 12, 2005: WARC Holiday Party

Spend time with friends and enjoy some special food. Bring a Toy for Tots and be amazed at what you might find under the tree this year. Come one, come all to the WARC Annual Holiday Dinner.

(Continued from page 1)

A sign-up sheet will be available at the September meeting.

October 15 - 5K run at the Warminster Community Park 9am to noon,

benefits the Craven Hall. A sign-up sheet will be available at the September meeting.

October 22 - 5K run for the Needlework Guild of America at the Warminster

Community Park. 9am to noon. A sign-up sheet will be available at the September meeting.

Thanksgiving Day – Run at Core Creek Park in Newtown. Doc(W3GAD)

is in charge of the event. The event benefits local food shelters.

PROGRAMS-

Future Club Meetings- As given by Vice-President, Anthony (KB3DVS). (See below). If anyone has any suggested future program topics, please see Anthony.

NOTE: - The change of meeting night (1st Thursday) commences with the October meeting.

CLASSES -

No-Code Tech classes starting Tuesday September 13, 2005 from 7pm. to 9pm. for eight weeks. If interested, please see

George(KA3WXZ).

OLD BUSINESS-

None

NEW BUSINESS-

The MS 150 Bike -a-Thon needs radio operators. The event takes place September 24 and 25 in Ocean City, NJ. If interested, please see Denise(KB3ANO).

GOOD and WELFARE-

We are sad to report the passing of one of the club's earliest members, George Hinkel(WA3KSK). Tribute was paid to George by long time friend Horace Carter(K3KT). George joined the club shortly after it's formation in 1964. At that time the club met at the Warminster Township Building. George served on the board of directors starting in 1968 and held the positions of club Secretary, Vice- President and President. George moved to the Normandy Farms Estate Retirement Community in 1995 but remained active with club duties; most notably annually setting up the PA system for the club's ham fest. George passed away Friday August 5. He was 91 years old. George is survived by his wife Ana May, two daughters, son Mark, four grandchildren and one great

grandchild. A Memorial Service will be held 2pm on Saturday September 3rd at Normandy Farms Estates. Our heart felt sympathy and condolences go out to the Hinkel family.

Business portion of the meeting adjourned at 8:40 pm

Refreshments

50/50

PROGRAM- Transoceanic Air Transport by Jerry(K2AKW) Jerry spoke about his interesting part-time carrier as an aircraft ferry pilot. Jerry ferried new and used aircraft (mostly single-engine Beechcraft) from 1973 to 1977. He relayed to us his experiences flying across the Atlantic Ocean to Europe and East Africa; as well as one flight across the Pacific.

SOLAR UPDATE

Sun watcher Tad "You Are My Sunshine" Cook, K7RA, Seattle, Washington, reports: Not much solar activity occurred over the past week. A few days ago Earth entered a solar wind stream which raised geomagnetic activity, but not to the level of a storm.

(Continued on page 3)

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Sunspot numbers and solar flux are expected to remain low but rise moderately again around August 26 and through the end of the month. Geomagnetic conditions should stay mild, with unsettled conditions returning around August 23-26.

Sunspot numbers for August 11 through 17 were 35, 47, 33, 34, 49, 48 and 42, with a mean of 41.1. The 10.7 cm flux was 75.9, 76.2, 75.4, 74.8, 75.8, 75.8 and 77, with a mean of 75.8. Estimated planetary A indices were 6, 6, 16, 10, 8, 19 and 18, with a mean of 11.9. Estimated mid-latitude A indices were 2, 3, 14, 6, 6, 12 and 11, with a mean of 7.7.

Courtesy The ARRL Newsletter

Thought you might enjoy this:

http://www.theconnection.org/shows/2005/07/20050729_b_main.asp

"Long before you could boot up, log on and point and click your way around the globe, there was ham radio. Churning out an audio cocktail of beeps and whirs, chirps and static, the ham radio was a passport, of sorts, for a particular kind of technology-loving, wander-lusting, basement-dwelling Good Samaritan. Someone who knew and relished the difference between a picofarad and a millihenry. Someone who appreciated the random fortune of a favorable ionosphere and a continent-hopping connection.

But there's no need to talk about ham radio in the past tense, because some two-and-a-half million hams world wide still consider 20 megahertz the preferred way to fly. You can keep your broadband. Ham radio. On a wing, and a bandwidth."

PUBLIC SERVICE

September

Volunteers needed Polish American Festival Sept 3,4,5, 2005 & Sept 10 & 11 2005 to help with communications and other booths. Hams and non Hams are needed .

Volunteers could sign up for morning 9:30 am -2pm , afternoon 1:30 - 6:00 pm or all day shifts. A free meal will be

provided for each shift you work. Free admission and ride pass to you and your direct family members - spouse, children and grand children. Please contact Communications Director Burt Ludin 215-441-4483 / email N3YVHBURT @ AOL.. COM / smoke singals

October

Monday, October 10 Hole in one golf outing at the 5 ponds golf course on Street road in Warminster. Times are from 8:00 am until 1:00 pm. 10 hams are needed for the event and a hot meal will be served afterwards.

Saturday, October 15.

5K run for the Craven Hall historical society will be held at the Warminster Community park from 9:00 am until 12:00 pm. 6 hams are needed for the event.

Saturday, October 22.

5K run/walk for the NGA will be held at the Warminster Community park from 9:00 am until 12:00 pm. 6 hams will be needed to help at the event.

November

Friday, November 11 and Saturday November 12
Special event station at the Union League in Philadelphia to honor the soldiers that are serving overseas. This will be a 24 hour operation from the Union League and is limited to a few hams and a dress code is in effect at the League.

If you want to help out with any of the public service events please contact George Brechmann at (215)-443-5656 or e mail n3hbt@k3dn.org.

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 (N3LJE) or Membership co-chair Harris Stein (KG2HO) or Membership co-chair Mark Hinkel (WA3QVU) for more information.

FCC MORSE CODE DECISION WOULD NOT AFFECT CW SUBBANDS, PRIVILEGES

Any FCC decision to eliminate the 5 WPM Morse code requirement for HF access would have no impact on either the current HF CW subbands or on the CW privileges of Amateur Radio licensees.

"There seems to be a lot of confusion on these points, judging by the questions I've been getting," said John Hennessee, N1KB, of the ARRL Regulatory Information Branch. He emphasizes that the proceeding does not put forward or recommend any changes in CW allocations or privileges.

The FCC is currently accepting comments on its Notice of Proposed Rule Making and Order (NPRM&O) in WT Docket 05-235, released July 19, which proposes to do away with the 5 WPM Morse code requirement for all license classes.

Hennessee further notes that the FCC

(Continued on page 4)

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also has not proposed to extend HF privileges to current Technician licensees who have not passed a Morse code examination. The Commission's NPRM&O suggests that in a no-Morse-requirement regime, such Technician licensees would be able to gain HF access by taking the Element 3 General class written examination.

To file on-line comments on the FCC NPRM&O in WT Docket 05-235 or to view others' comments in the proceeding, visit the ECFS site <<http://www.fcc.gov/cgb/ecfs/>> and click on "Submit a Filing" or "Search for Filed Comments."

In either case, type "05-235" in the "Proceeding" field, being careful to include the hyphen but not the quotation marks. Directions for filing comments, which can be in the form of an attached document, are on the ECFS site. Click on "Getting Started" to learn more.

As of week's end, more than 1700 comments had already been filed. The FCC has not yet established a closing date for comments in this proceeding, and it's not likely to release a Report and Order in WT Docket 05-235 until early next year.

In a separate--and unrelated--Notice of Proposed Rule Making (NPRM) in WT Docket 04-140, the FCC agreed with an ARRL proposal to reallocate the current Novice/Tech Plus CW subbands to create additional room on certain 'phone subbands. If the FCC goes ahead with that proposal, Novice and Tech Plus licensees would have CW privileges in the current General class CW bands.

Courtesy The ARRL Newsletter

AMATEURS TO GET "NEW" SATELLITE

PO-28 (POSAT-1)--Portugal's first satellite, launched 12 years ago--will be turned over to Amateur Radio use in the very near future. That was the word July 30 from AMSAT-UK Secretary Jim Heck, G3WGM, during the

AMSAT-UK International Space Colloquium in Guildford, England.

Launched September 25, 1993, the satellite operated as a packet store-and-forward BBS (9600 baud FM FSK) on Amateur Radio frequencies for several weeks in early 1994. Over the years, PO-28's primary usage has been commercial, although plans have called for eventually shifting its operation to ham radio use. G3WGM reports that following lengthy negotiations it has been agreed that the satellite can be switched permanently to amateur frequencies. The changeover is expected to take a couple of weeks.

The Portuguese satellite was built at the University of Surrey as part of a collaborative satellite technology program that involved industry and academe. Uplink frequencies will be 145.925 and 145.975 MHz. Downlink frequencies will be 435.075 and 435.275 MHz. More information on PO-28 is on the AMSAT Web site <<http://www.amsat.org/amsat/sats/n7hpr/po28.html>>.

Courtesy The ARRL Newsletter

PCSAT2 INSTALLED ON ISS DURING SPACE WALK

The PCSat2 <<http://web.usna.navy.mil/~bruninga/pcsat2.html>> Amateur Radio package has been installed on the exterior of the International Space Station (ISS) as Materials International Space Station Experiment 5 (MISSE5).

Astronaut Soichi Noguchi, KD5TVP, unfolded the suitcase-like Passive Experiment Container (PEC) holding PCSat2 and other experiments mounted atop the ISS P6 truss structure August 3 during a space walk with Astronaut Steve Robinson. Noguchi deployed the "tape measure" antennas by pulling up a couple of Mylar strips that allowed the antennas to pop out. PCSat2 is not yet available to users.

Built by US Naval Academy students under the guidance of APRS guru Bob Bruninga, WB4APR, PCSat2

will operate in cooperation with the Amateur Radio on the International Space Station (ARISS) program <<http://www.rac.ca/ariss/>>. It will provide a 10-meter PSK31 multi-user transponder, an FM voice repeater for possible use with ISS crew members and an AX.25 packet system for use as a UI digipeater and for telemetry, command, control.

Bruninga says the PSK31 transponder will not be turned on for general use until ground controllers have a better understanding of its thermal and power load. But it was enabled on August 5 over the US for a test, and the FM downlink (435.275 MHz) displayed the signal of a station transmitting on 29.402 MHz.

The NA1SS/RS0ISS ARISS equipment was powered down during the PCSat2 installation, but it was back up August 4, when STS-114 crew member Andy Thomas, KD5CHF/VK5MIR, made some terrestrial contacts while the ISS and Discovery were passing over his native Australia.

Bruninga says PCSat2 may be ready for use within a few days, but he asks that stations not attempt to use the system until it's been checked out and an announcement made. In the meantime, Bruninga has invited well-equipped ground stations to help capture early telemetry on the alternate downlink of 437.975 MHz. By week's end,

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)

some Earth stations were already reporting telemetry from PCSat2. Telemetry is at 1200 and 9600 baud. E-mail telemetry files to pc2@grc.nasa.gov. Bruninga says the UHF downlink is only 1 W and will require a gain antenna to copy.

Bruninga also has asked 1200 baud IGates or SATgates to monitor 437.975 MHz and feed the global APRS system live telemetry page <<http://www.pcsat2.info/PCSat2Web/RealTime.jsp>>.

PCSat2's primary downlink frequency is 435.275 MHz; the packet digipeater up and downlink frequency is 145.825 MHz. More information is on the USNA Web site <<http://www.ew.usna.edu/~bruninga/pec/pc2ops.html>>.

Courtesy The ARRL Newsletter

RADIO AMATEURS AID IN PACIFIC MARITIME RESCUE

"Mayday, Mayday, Mayday! This is the sailboat Enamorado. Mayday, Mayday!" That's what Wisconsin radio amateurs Ed Toal, N9MW, and Ralph Henes, W9CAR, heard during a casual Sunday morning net July 24 on 14.238 MHz that also involved Dick Mannheimer, K6LAE, in Los Angeles. Toal and Henes were able to contact the operator, Ken Saijo,

KC6ORF--a California retiree--who confirmed the 35-foot sailing vessel was in trouble and needed help. "All social chatter immediately stopped, and we declared an emergency in progress on frequency," Henes said. Then, while Toal gathered information from the operator aboard the Enamorado, Mannheimer and Henes both called the US Coast Guard to relay the boat's situation and position, which turned out to be in Mexican waters. Henes said the Coast Guard relayed their information to the Mexican Navy. Henes and Toal were able to copy KC6ORF well, although Mannheimer could not, and they maintained contact with the disabled boat.

The Wisconsin hams learned that that Saijo was accompanying the boat's skipper, Ken Scheibe, on a trip from California to Costa Rica when they ran into a storm. As a result, the vessel lost its engine and steering and both men were injured, neither seriously. Before putting out distress calls on 20 meters, Saijo had tried without success to raise help via the vessel's VHF marine radio.

Mannheimer noted that Art Rowe, K7HA, in Washington, and Tom Miller, K4IC, in Arlington, Virginia, initially kept the frequency clear. They were subsequently joined by a host of other stations in the US and Canada, some of whom were able to copy KC6ORF and help relay as needed. Toal had to leave after a couple of

hours, but Henes and Mannheimer remained on frequency. About three hours into the incident, Henes again called the US Coast Guard to see if it had heard back from the Mexican Navy. It had not, so he called the Mexican Navy himself and, after what he described as "a few tense language-barrier moments," he was connected with someone who spoke English and Spanish and told that a rescue boat and helicopter were on the way.

Henes also got the Mexican Navy vessel to come up on 20 meters. "Within minutes, they were on the frequency calling the stranded boat," he said. Unfortunately, neither Saijo nor Scheibe spoke Spanish fluently enough to understand the communicator on the Mexican Navy vessel.

Enter Jorge Lira, XE1JP, who volunteered to serve as translator. He was able to relay the foundering sailboat's coordinates to Mexican authorities. "He saved the day," said Henes, who reports he was able to hear the rescue helicopter in the background on Saijo's transmission. Saijo and Scheibe were plucked to safety from the distressed vessel, which the Mexican Navy towed to safety.

Henes said he later received an e-mail from Scheibe thanking him and the other radio amateurs for helping. Toal said later, "To me, we were just paying our dues for the right to be hams."

A TV station and a newspaper in Madison, Wisconsin, were among the news media reporting the incident and Amateur Radio's role in coming to the rescue.

Courtesy The ARRL Newsletter

SKYWARN INFORMATION

MOUNT HOLLY NWSFO SKYWARN Weekly Information Net: EVERY THURSDAY AT 21:00 HOURS
SKYWARN Net Repeater Listing/ Streaming Audio of scheduled SKYWARN Net:
<http://www.skywarnnet.net>
You do NOT have to be a certified SKYWARN Weather Spotter to check into the Net

Bucks County SKYWARN Weather Spotter PRIMARY FREQUENCY:
147.300MHZ (+ 131.8)
 Fairless Hills, PA (many remote access locations throughout Bucks County)

Mount Holly NWSFO SKYWARN Homepage: <http://www.erh.noaa.gov/phi/skywarn/indexhtml>

SKYWARN Basic Weather Spotter Educational Programs URL: <http://www.erh.noaa.gov/phi/skywarn/training.html#sched>

> 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, Anthony Burokas KB3DVS

ATLANTIC DIV. HAMFESTS - 2005

➤ + *indicates ARRL Hamfest*

- 10 Sep 2005 + Pocono Area Hamfest Pocono Amateur Radio Klub & Eastern PA Amateur Radio Association <http://home.ptd.net/~w3mj>
Stroudsburg, PA Stroudsburg Jr. High School
- 25 Sep 2005 + Hamarama Mt. Airy VHF Club Wrightstown, PA Middletown Grange <http://members.ij.net/packrats/latest.htm>
- 1 Oct 2005 + Tailgate Fest Red Rose Repeater Association <http://www.qsl.net/rrraBrownstown>, PA West Earl Community Park
- 2 Oct 2005 + Columbia Amateur Radio Association <http://www.carafest.org>
West Friendship, MD Howard County Fairgrounds
- 2 Oct 2005 + Delaware Valley Radio Association Hamilton Township, NJ Mercer County Park Skating Rink <http://www.w2zq.com>

CONVENTIONS and CONFERENCES

10-11 Sep 2005 * MDC Section Convention Foundation for Amateur Radio <http://www.farfest.org> Gaithersburg, MD Montgomery County Agricultural Center (Fairgrounds)

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, RF Hill ARC. 3rd Monday at the Indian Valley Library. Charles Schmell, KB3CEZ, 215-257-6368 days 215-538-7458 evenings.
- ◆ **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.

No-Code Tech classes starting Tuesday September

13, 2005 from 7pm to 9pm for 8 weeks.

For further information call: George Altemus at 215-855-3856 or George Brechmann at 215-443-5656

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	146.835 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.

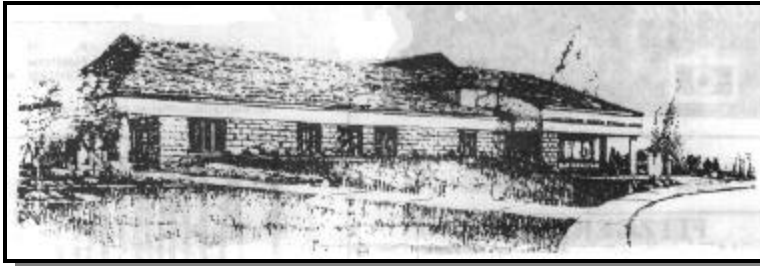
2005 Officers

Executive Officers

President	Tony Simek	N3YNH	674-5218
Vice-President	Anthony Burokas	KB3DVS	632-3283
Secretary	Dan Myers	KB3IBQ	957-2343
Treasurer	Denise Burstein	KB3ANO	355-1150
Director (E)	Tom Michaud	WA3TQJ	343-3494
Director (E)	George Brechmann	N3HBT	443-5656
Director (A)	Al Konschak	WI3Z	491-9941
Director (A)	Hugh Hart	N3SOQ	773-8451
Past President	Mark Kempisty	N3GNW	953-1493

Committee Chairpersons

Feedback Editor	Jim Elmore	WA4YWM	538-1889
Membership co-Chair	Harris Stein	KG2HO	444-0663
Membership co-Chair	Mark Hinkel	WA3QVU	6594449
Field Day '05	Ron Wenig	NY3J	638-9257
Field Day '05 co-chair	Stu Simon	K2QBU	345-9295
Grange Fair '05			
Hamfest '05	Bill Strunk	K3ZMA	822-0749
January '05 VHF Contest	Joe Bagnick	N3EMA	997-2539
PA QSO Party '05	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
ARES Liaison	Denise Burstein	KB3ANO	355-1150
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
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	Mike Karabin	WJ3O	
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 second Monday 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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