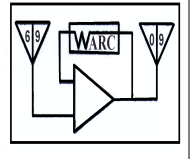




FEEDBACK



Warminster Amateur Radio Club

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

December 2005

Next Meeting December 1st - Holiday Dinner

Warminster Amateur Radio Club Club Meeting Minutes for November 3, 2005

Meeting called to order by the President at 7:40 pm.

MINUTES FROM THE OCTOBER 6, 2005 CLUB MEETING-

Approved as published in the Feedback Newsletter.

VISITORS-

Pete(KL1HB) from Alaska.

UPGRADES-

Michelle(KB3MTW), new Tech Class license.

NEW MEMBERS-

None

INTRODUCTIONS-

TREASURES REPORT-Denise

(KB3ANO)-

As given.

COMMITTEE REPORTS-

ARRL-Bill(K3ZMA)- reported the ARRL will be conducting a Frequency Measurement Test on November 19, 2005. The test will be conducted on 160, 80 and 40 meters. A certificate is offered. Further information can be found in the November issue of QST magazine.

SKYWARN-Mike(W3MJP)-

December 2, 2005 (7pm L) to December 3, 2005 (7pm L). www.hamradio.noaa

- 1) A Skywarn Net has been tentative scheduled for Thursdays at 8:00pm on the BAERS local repeater: 149.30 + (131.80) Stay tune for further update.
- 2) In the event of severe WX, the NWS is looking for amateur radio operators to man the amateur radio station at their Mount Holly, NJ office.
- 3) Montgomery County became the 29th county in PA to met the NWS criteria and be classified as "Storm Ready".

PA QSO Party - Mark

2005,2006 Contest Calendar

| | |
|-----------------|--|
| December | 2 - 4 ARRL 160 Meter Contest 10 - 11 ARRL 10 Meter Contest |
| January | 1 Straight Key Night 7 - 8 ARRL RTTY Round-Up 21 - 23 ARRL January VHF Sweepstakes |
| February | 18 - 19 ARRL International DX Contest (CW) Rules |
| March | 4 - 5 ARRL International DX Contest (Phone) |

(N3GNW)- is collecting log sheets at the November club meeting. Anyone working 100 stations will be awarded a prize coffee mug from the WARC.

ARES - Harris(KG2HO)-To date, 60 members have signed on. The first weekly Radio Net was Wednesday November 2 with 38 check-ins from three counties, two states and two EOCs. Monthly membership meetings will be starting the second Tuesday of each month. The first meeting to be held will be November 9th at the Ivyland Boro Fire Co. Those attending are asked to park on the street and not in the fire company lot. The December 13 meeting will be held at the Bucks County EOC in Ivyland. Harris is looking to establish a well organized, well trained dedicated group of volunteer amateur radio operators to conduct emergency radio communications. All members will be credentialed and trained in accordance with PEMA, FEMA and the Red Cross. Volunteers are needed. If interested, please see Harris or go to the ARES web site - www.bucksares.org.

PUBLIC SERVICE-George(N3HBT)-

The club received a Thank You letter from the NGA for their help at the 5K run at the Warminster Community Park on October 17.

Thanksgiving Day Doc
(W3GAD) - Road

Runners of Bucks County
Run at

Core Creek Park in Newtown. About 20 radio operators are needed from 8am to 11am. Everyone is asked to bring a nonperishable food item or cash donation. The event benefits Bethana Village in Southampton.

PROGRAMS- Anthony(KB3DVS)-

December 1 Holiday Dinner- 6:30pm- Doug and Bernie will be catering the buffet meal. Prices will remain the same as last year: \$10.00 per adult member, \$10.00 per adult guest, \$5.00 per child age 3 to 12 with children under 3 years free.

NOTE- Money for the dinner MUST be received by the November meeting. NO TICKETS WILL SOLD AT THE DOOR.

(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.



PROGRAMS

Thursday, December 1, 2005: WARC Holiday Party

Spend time with friends and enjoy some special food. Bring your significant other. Bring a non-perishable food item to donate. You'll amazed at what you might find under the tree this year. Come one, come all to the WARC Annual Holiday Dinner. Doug and Bernie will be catering. A fun time for all club members.

Thursday, January 5, 2006: E-mail @ Amateur Radio.

Bucks County ARES and WARC will host a joint presentation by Lor Kutchins from Chester County of Winlink 2000 and e-mail communication using amateur radio. Lor has done some great stuff in Chester County and has much to share with our groups.

Thursday, February 2, 2006: GOING ONCE... GOING TWICE!

Yes, it's time for the great and wonderful Warminster Amateur Radio Club Auction! Bring in your old, unwanted gear, electronics, technical doo-dads and donate them to the club. We'll auction them off to dozens of interested hams in this one night extravaganza! Bring your ham friends! Bring cash! Because one person's old doo-dad is another's great buy of the nite! See you there!

Thursday, March 2, 2006: HDTV is here

You have heard about it. You've see the big screens in the stores. But what is HDTV? Anthony Burokas our own KB3 Digital Video Specialist, explains what HD is, how you can see it, and why 2006 is supposed to be the end of Broadcast TV. No 3-D glasses needed, but be sure to bring your questions!

Thursday, April 6, 2006: Sattelite Construction- PART -2!

Our own space thespian Steve Larson amazed members with an incredible wealth of information about spacecraft construction- especially GPS satellites and their maintenance. Now Steve continues with Part-2 of his talk, explaining the GPS updates and other cool space stuff. We had to cut it off and push people out the door last time because there were just so many questions! Don't miss this one!

Thursday, May 4, 2006: Pizza & Cool Gadget Nite!

You must bring in one cool gadget from your shack to get in and get your free pizza. It doesn't matter if it's a little cable adaptor that has made your life simpler, or a picture of your awesome 90' crank-up tower. It's show and tell nite and everyone has to bring in one cool gadget to talk about. This way, we all share something new, and all learn something new!

(Continued from page 1)

January 2006- HDTV with Pete Putnam(KT2B) or WINLINK 2000, e-mail over VHF and UHF.

February 2006- Club Auction

Spring 2006- Satellite construction and GPS with Steve Larson(W3YY).

Future Club Meetings- If anyone has any suggested future program topics, please see Anthony.

NEW BUSINESS-

It was decided by the Board of Directors that an honorarium be given to past guest speaker Derrick Pitts(KA3NQN). In lieu of a cash donation to the Franklin Institute, the board felt it would be better to purchase books on astronomy and donate them to local libraries. A sticker would be placed on the inside of the books indicating the WARC donated the books for this purpose. Two books costing \$70.00 total would be distributed each to five or six libraries. Since the total cost would be over \$300.00 allowed for a board discretionary decision, a motion was brought forward to the club members for discussion and vote. In open discussion the following points were made by club members:

- 1) Why is the board distributing books on astronomy and not amateur radio?
- 2) Will this policy of giving speakers an honorarium become customary? Do all speakers receive an honorarium or just those selected?
- 3) These items need to be budgeted for and submitted by July 1 of the fiscal year.
- 4) Is there any long term plan for the club's treasury?
- 5) Donations need to be targeted to a young audience.
- 6) College, University and School Libraries should be recipients as well as Public Libraries.

In lieu of these concerns, the President decided to pull the motion from the floor and take it back to the Board for further discussion.

GOOD and WELFARE-

Larry(K3BFQ) is recovering.

Business portion of the meeting adjourned at 8:20 pm

Refreshments

50/50

PROGRAM-

ARRL Night with Norm Fusaro(W3IZ) Norm enthusiastically shared with the group the latest and greatest from the ARRL. That included an expanded updated web site, along with promotional and educational materials. Norm also spoke to the group how the ARRL is working with the local clubs around the country and the latest update on VE testing and FCC decisions affecting amateur radio.

PUBLIC SERVICE

Thanksgiving Day Doc(W3GAD) – Road Runners of Bucks County Run at Core Creek Park in Newtown. About 20 radio operators are needed from 8am to 11am. Everyone is asked to bring a nonperishable food item or cash donation. The event benefits Bethana Village in Southampton.

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.

(Continued on page 3)

(Continued from page 2)

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.

FOR SALE

List no. 1(WA3QVU's)

Standard model SR-270u; AM/ FM Stereo Receiver/ Amp. Older style (not a rack mount) stereo radio in mid-size wood cabinet. RCA jacks on the back for Phono, Tape, and Aux. inputs. Works well, audio sounds very good. Sold w/o speakers. \$5.00

AC Voltage Regulator -- Sorensen model 1000s. Input 95 to 130v 13.5a -- Output 115v 1KVa. This is an old 19in rack mount P/S that has lots of iron. Produces good sine wave power from poor "brown out" conditions. \$5.00

Porter Cable Cutout Tool -- Model 7499 (similar to Rotozip) 3.4a motor at 28,000 RPM. Like new w/ blow molded case. Includes dry wall bits and several carbide bits. With the bits it cost over \$100 -- I just don't use it enough. \$60.00

Connectors, Jacks and Adapters
4- 300 ohm test clips all 50 cents
F connector (f) (chassis mount) 50 cents
PL-259 to F connector (f) \$2
3- RCA plug to F connector (f) \$1.50ea
RCA jack to F connector (m) \$1.50ea
BNC (m) to F connector (f) \$1.50

2- PL-259 (Amphenol - crimp) to RG-58 \$1.00ea
2- RCA plug to SO-239 \$1.00ea
RCA jack to 1/8in plug (w/ 40db attenuation) \$1.00
1/8in jack to 1/8in plug (w/ 40db attenuation) \$1.00
2- RCA jack to 1/8in plug (stereo) \$1.00ea
2- RCA jack to RCA jack (f to f) all \$1.00
12- 1/4in Phono Jacks (chassis mount - mono) all \$1
RCA jack to 1/4in plug (mono) \$1.00
1/4in jack to 1/8in plug (mono) \$1.00
10- UG-175 adapters for the PL-259 (RG-58) 50 cents ea
4- PL-259 (silver plated w/ Teflon) \$1.25ea
Standard size mic connector (3 pin female) \$1.00
3- Standard size mic connector (5 pin female) \$1.00ea
2- Standard size mic connector (5 pin male) \$1.00
Amphenol connector (4 pin female, larger than std) \$1.00
Please contact Mark Hinkel (WA3QVU) 215-659-4449
E-mail: <wa3qvu@arrl.net>

List no. 2 for John Vandegrift, K3O0B

National NC-98; General coverage receiver -- AM Band to 40 Mc, with manual. In working condition, but low volume.

Clegg 66'er; 6m AM/ CW transceiver with AC cord but no mic or manual.
This radio was working when taken off the air many years ago.

Sencore Model SM-112 VTVM-VOM; Portable unit, unusual design -
Selector switch has several settings for VTVM on left, and similar settings for VOM on right. Working, with leads.

Crystals; For HF and VHF frequencies.

CB antenna switch, Key, etc. Free!
I'm selling these items for a friend in the club -- No reasonable offer refused. I'll have most of this stuff at the next meeting.

Please contact Mark Hinkel (WA3QVU) 215-659-4449
E-mail: <wa3qvu@arrl.net>

SOLAR UPDATE

Solar sage Tad "Tequila Sunrise" Cook, K7RA, Seattle, Washington, reports:

We may be in another period of no sunspots. From October 24-28 there was a sunspot count of zero on each day. Three days at the beginning of the month were no-sunspot days, and four months ago there were five days--July 18-22--with no spots. A year from now expect to see longer periods of zero sunspot readings--possibly up to several weeks--based on what the periods between previous sunspot cycles were like.

Geomagnetic conditions should be fairly active today. Predicted planetary A index for Friday through Monday, November 11-14, is 15, 8, 5 and 5. The Prague Geophysical Institute predicts unsettled to active conditions on November 11 and 12, unsettled conditions on November 13, quiet to unsettled on November 14 and 15, and quiet conditions November 16-17.

Sunspot numbers for November 3 through 9 were 24, 22, 18, 34, 31, 38 and 13, with a mean of 25.7. 10.7 cm flux was 76.8, 77.4, 79.3, 81.7, 79.4, 79.4, and 78.1, with a mean of 78.9. Estimated planetary A indices were 24, 20, 10, 10, 6, 3 and 3, with a mean of 10.9. Estimated mid-latitude A indices were 19, 16, 10, 12, 6, 2 and 1, with a mean of 9.4.

Courtesy The ARRL Newsletter

LF EXPERIMENTATION BY RADIO AMATEURS CONTINUES QUIETLY

Experimentation by radio amateurs in

(Continued on page 4)

(Continued from page 3)

the nether regions of the radio spectrum continues quietly and largely unnoticed outside of the LF community. Since the FCC turned down the ARRL's 1998 petition to create an Amateur Radio "sliver band" in the vicinity of 136 kHz, some US amateur licensees have obtained FCC Part 5 Experimental licenses to research the possibilities of LF, including transatlantic and transpacific propagation. A few hams in Canada have obtained special permission from Industry Canada to operate on LF using Amateur Radio call signs. The latest noteworthy accomplishment was a 137 kHz QSO <<http://www.w1tag.com/XDWQSO.htm>> October 29 between US Experimental licensees Laurence Howell, KL1X--operating as WD2XDW--and John Andrews, W1TAG--operating as WD2XES.

"This is the second two-way between US Experimental licensees in that frequency range, the first being a 25-mile CW contact between K2ORS/W2XGJ and myself last year," said Andrews. The QSO between Andrews, in Massachusetts, and Howell, in Oklahoma, spanned some 1340 miles.

In 2001, Larry Kayser, VA3LK (SK), and Laurie Mayhead, G3AQC, received a special Transatlantic Challenge plaque for completing the first two-way Amateur Radio LF contact between the UK and Canada earlier that year. Another plaque went to Dave Bowman, G0MRF, John Currie, VE1ZJ, and Jack Leahy, VE1ZZ, for completing a crossband (HF/LF) transatlantic QSO in 2000.

A year ago, New Zealand LFER Mike McAlevey, ZL4OL, copied Howell's WD2XDW 137 kHz carrier "bursts" over a path of more than 13,000 km (8000 miles), while Jim Moritz, M0BMU, copied LF signals from WD2XDW, Andrews' WD2XES and Joe Craig, VO1NA, in Newfoundland. Craig and Alan Melia, G3NYK, described their LF exploits and experiences in "The Transatlantic on 2200 Meters," in July 2005 QST

<<http://www.arrl.org/qst/2005/07/craig.pdf>>.

More recently, the first confirmed transpacific reception of Canadian Amateur Radio LF signals occurred October 4 when the very slow speed (QRSS) CW signals of VA7LF were heard by ZM2E in New Zealand. "Signals from the ZM2E club station were heard in Canada as well, but propagation was not of sufficient duration to enable a QSO to be completed," said Steve McDonald, VE7SL, one of the VA7LF operators. ZM2E and UA0LE hold the current Amateur Radio two-way LF world record at a distance of 10,311 km (6393 mi). The distance between VA7LF and ZM2E is approximately 11,700 km (7254 mi).

LFers typically use very low data rates and process the incoming sound-card audio in real time using DSP software like WOLF or ARGO.

During the October 29 contact, which took more than two hours to complete, Andrews was running 200 W output into a large, tree-supported vertical loop. Howell was running 1 kW into a tree-supported vertical loop.

Experimentation under FCC Part 15 rules in the vicinity of 160 to 190 kHz has been going on for years by radio amateurs and non-amateurs alike. Amateur Radio licensees in Europe and elsewhere have an allocation at 135.7 to 137.8 kHz, and most Amateur Radio experimentation takes place in this band.

Courtesy The ARRL Newsletter

"TOP BAND DRAGON'S FIRE" SIGNAL BLANKETING 160 METERS IN ASIA

The IARU Monitoring System (IARUMS) says radio amateurs in Japan and elsewhere in Asia and Oceania are reporting an unidentified intruder signal on 160 meters. In Japan, the wideband signal, which IARU Region 2 Monitoring System Coordinator Bill

Zellers, WA4FKI, has dubbed "Top Band Dragon's Fire," reportedly began transmitting continuously about October 1, blanketing 160 meters and rendering it useless for Amateur Radio work in some places.

"The intruder is detectable from approximately 1700 kHz up to about 1930 kHz," said one report, likening the sound to "a diesel motor with a ticking sound at a constant rate which is evenly spread across the band." The signal has been heard in the US Northwest at about 1830 kHz on a north-pointing Beverage. Reports also have arrived from New England.

First heard as long ago as December 2004, the signal turns up at different times at different locations, reports indicate. In some cases, it's only during so-called "gray line" propagation, while others hear the signal 24/7. Near Perth, Australia, the intruder was heard slowly rising out the noise floor about a half-hour after sunset, increasing to around S7 and remaining long into the night. Amateurs in Singapore report that the signal recently shifted from wideband noise to a pulsed signal.

Veteran Top Band DXer Tom Rauch, W8JI, in Georgia says he can "just detect a noise floor increase some mornings," but was unable to identify an actual signal.

Forward reports, accompanied by sound recordings if available, to Chuck Skolaut, K0BOG

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)

<cskolaut@arrl.org>, at ARRL Headquarters.
 Courtesy The ARRL Newsletter

INDIANA TORNADO "LIKE A THIEF IN THE NIGHT," HAM RADIO VOLUNTEER SAYS

Amateur Radio volunteers continue to assist relief and recovery efforts in the wake of a November 6 tornado that left 22 people dead and hundreds injured. The twister, with winds of up to 200 MPH, originated within a line of thunderstorms that struck during the early morning hours. It cut a more than 40-mile swath through part of Kentucky and extreme southwestern Indiana, wiping out a section of a trailer park in Vanderburgh County where 18 of the fatalities occurred.

"It was like a thief in the night, striking and having no mercy for anyone or anything in its path," said Amateur Radio volunteer and police officer

Bob Pointer, N9XAW. For the first couple of days after the tornado, Amateur Radio assisted Red Cross emergency response vehicles (ERVs) in the field to communicate with their headquarters, a new facility in Evansville where the communication system was not yet up and running.

At week's end, Pointer was expecting

ham radio support for Red Cross recovery and feeding operations to pick up again. "We'll have to set up units at a warehouse and a couple of outlying cities," he told ARRL.

During most of the week, Amateur Radio volunteers have been supporting relief activities of The Salvation Army. The need was to set up communication between mobile field and canteen units and The Salvation Army headquarters in Evansville.

"The Salvation Army is very, very pleased with the ham radio service," Pointer said. "We have units in areas where the cell phones cannot function or they're so busy, it's hard to get a line." Amateur Radio has been able to get messages through when they otherwise wouldn't, Pointer added, "and it's helping make things go much more smoothly."

Calls came from prospective volunteers as far away as New York. "It was truly a rewarding feeling," Pointer said. "Thanks to the ARRL for putting out the call so quickly." Local hams calling in on the repeater to offer assistance soon found themselves assigned to field stations. "This was a good exercise in trying out the grab-it-and-go kits," Pointer said.

Pointer says that within hours of setting up, ARRL Section Manager Jim

Sellers, K9ZBM, called to offer assistance and got the ball rolling. ARRL Indiana Section Emergency Coordinator David Pifer, N9YNF, contacted ARRL Headquarters to spread the word.

"ARRL Headquarters even called to check on us," Pointer said. "You see, your membership is more than a magazine a month. It is hams from all over the world ready to support you."

Three Salvation Army mobile kitchens and three field units have been deployed in Vanderburgh and Warrick counties. The daily routine involves moving food from a warehouse to mobile kitchens to feed tornado victims as well as the hundreds of volunteers deployed in several locations across a wide area. Ham radio volunteers have been handling requests for supplies, messages to workers and notices to staff volunteers.

Pointer said he expected the Amateur Radio tornado relief support operation to continue into early next week. "I am privileged to work with a great bunch of people down here," Pointer concluded.

Kentucky SEC Ron Dodson, KA4MAP, says SKYWARN was active as the storms moved in. "I had our Amateur Radio net going with National Weather Service (NWS) Louisville and monitored those in the counties west of me as it approached," he told ARRL. SKYWARN nets were active in Daviess and Hancock counties. Breckinridge, Grayson and Meade counties west of Louisville were active with the linked Wide Area Repeaters Net (WARN), Dodson said. NWS Louisville's amateur station WX4NWS was on the air for three hours as the storms moved across counties on both sides of the Ohio River.

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/index.html>

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

ATLANTIC DIV. HAMFESTS - 2006

➤ + *indicates ARRL Hamfest*

25-26 Mar 2006 + Greater Baltimore Hamboree and Computerfest
 Baltimore Amateur Radio Club <http://www.gbhc.org>
 Timonium, MD Maryland State Fairgrounds York & Timonium Roads
 7 May 2006 + Warminster ARC <http://www.k3dn.org>
 Wrightstown (Bucks County), PA Middletown Grange
 2 Jul 2006 + 27th Annual Hamfest & Computerfest Murgas ARC (K3YTL)
<http://www.qsl.net/k3ytl> Lake Lehman, PA Luzerne County Fairgrounds
 Route 118
 13-Aug 2006 + 7th Annual Carroll County Tailgate Fest
 Carroll County Amateur Radio Club <http://www.qis.net/%7Ek3pzn/Tailgate.htm>
 Westminster, MD Carroll County AG Center 700 Agriculture Center Drive

CONVENTIONS and CONFERENCES

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.

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 BURGERS |
| 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 |
| 223.76 | K3NAL |

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 |

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 |
| Wednesday | 2100 | BCARES | 147.09 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.

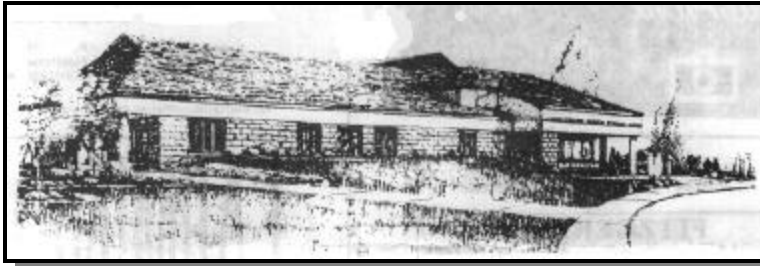
2005 Officers

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) | Larry Abbott | WA3ELQ | 443-7521 |
| 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 '06 | Ron Wenig | NY3J | 638-9257 |
| Field Day '06 co-chair | Stu Simon | K2QBU | 345-9295 |
| Grange Fair '06 | | | |
| Hamfest '06 | Bill Strunk | K3ZMA | 822-0749 |
| January '06 VHF Contest | Joe Bagnick | N3EMA | 997-2539 |
| PA QSO Party '06 | 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 | 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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