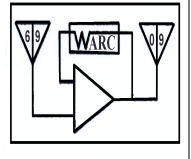




FEEDBACK



Web Site k3dn.org

Warminster Amateur Radio Club

February 2008

Next Meeting February 7th - Club Auction



President's Message

I had an opportunity to visit my sister a few hours away from me this past January.

It was during the same weekend as the ARRL January VHF sweepstakes for which I helped fellow WARC member Michael Davis (KB1JEY) get a few yagi antennas aloft on a short tower astride his home. I had hoped that I might provide a few points, but it was not to be.

I did speak to several Connecticut stations while driving in New Jersey. And the question most asked of me was what grid square I am in. Well, let me tell you that those \$1700 GPS systems built into cars are useless for many things.

Not only does mine (in a Subaru, designed by Kenwood) NOT tell me such basic things as altitude, it doesn't show counties. It doesn't even clearly show states. By "clearly" I mean, if you had a paper map, it would not only have a big dotted line, but that dotted line would either be highlighted in orange, or it would have two different color states on either side- like cream and yellow to clearly help you differentiate between the states.

On another cross-PA trip with my wife, I jumped onto the county-hunters net and had to manage paper logs, writing, operating the radio, AND coordinating the car's moving GPS map screen with a paper map that actually showed this state's counties. What a PITA.

Let's never mind grid squares, which are near impossible to figure out precisely when you're NOT moving. Luckily, one person who was listening in to the QSO was able to check his

2008 Contest Calendar

February 16 - 17 ARRL International DX Contest (CW)
March 1 - 2 ARRL International DX Contest (Phone)

Vermont QSO Party 0000Z, Feb 2 to 2400Z, Feb 3
Minnesota QSO Party 1400Z-2400Z, Feb 2
Delaware QSO Party 1700Z, Feb 2 to 0500Z, Feb 3 and 1300Z, Feb 3 to 0100Z, Feb 4
New Hampshire QSO Party 0001Z, Feb 9 to 0001Z, Feb 11
Louisiana QSO Party 1500Z, Feb 9 to 0300Z, Feb 10
Mississippi QSO Party 1500Z, Feb 23 to 0300Z, Feb 24

paper map and give me the grid square I was in when I made the contact. It probably changed 5 minutes later.

It makes me wonder how long it will take for amateurs to take technology into their own hands and augment a PDA to do maps that show what mobile amateurs need to see- counties and grids. Altitude and clearly indicated states would help too.

Or take that idea, and embed it within a logging program which I know are already available for PDA devices. Combine that with Graffiti- the simplified text entry system that would let users use the whole screen to enter one letter at a time. Why the whole screen? Because I'm not looking at it! I'm looking at the road.

Typing text while driving is already being banned in several states. It's clearly more distracting than speaking on the telephone because texting requires the user to look at the screen and then the keyboard to find the right key and then the screen to make sure it registered properly.

Graffiti, for those who don't know, is a system of single-stroke gestures you can "write" with the plastic stylus on the face of the PDA that the PDA will convert into letters, numbers, punctuation, and even text editing.

These require only a single finger on the PDA to give your hand a reference for the movement across the screen. Couple this with a "readback" of each letter as it is converted and entered as text into the system, then you can easily "backspace" and correct any mistakes that potholes create while you are using Graffiti- and never look at the screen once.

Now, imagine a PDA. Tied into the car for power, and serially connected to the radio for band, frequency etc. The PDA has its own clock, but if you couple in a GPS, it will have atomic clock accuracy. It can keep track of city, county, state, grid square, altitude, and more. All I need to do is scratch a few lines across the face of the unit and hit enter. Now THAT's

(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 February 7, 2008 Club Auction

Going once...going twice...Yes, February is the time for our annual club auction. Check those closets and bring in that gear you don't use any more, those parts that are just taking up space, or that "junk" you have been meaning to get rid of, and donate it to the club. We will auction it off to other interested hams who may find your "junk" their treasure. Bring along some cash. You may find some treasures as well. As usual, Tom Michaud WA3TQJ will be our master auctioneer.

Thursday March 6, 2008 Get on the Air Night

Do you need a better antenna? Are the connectors on your coax in need of replacement? Do you need to troubleshoot a problem in your radio? Then join us for an exciting evening of hands-on workshops that can help you get on (or back on) the air. Current plans include workshops on 2 meter antenna construction, HF dipole/inverted V construction, attaching connectors to coax, troubleshooting and basic rig repair, and operating hints and tips including introduction to cw. (If you have a workshop suggestion, please let us know.)

Thursday April 3, 2008 ARRL Night

What is happening in ham radio today? What is the ARRL is doing for ham radio and for you? Eric Olena WB3FPL joins us for an informative evening to answer these and many other questions. Don't miss this important update! A question and answer session will be included.

Thursday May 1, 2008 Hamfest Preparations/Nomination of Officers/TBA

With May 4 and our Hamfest just days away, last minute preparations and coordination will be a vital part of this meeting. The Hamfest is our biggest event of the year and our most important fund raiser. It can work only with your support. In addition, election time is approaching. Have your nominations for club officers ready. (program TBA)

Thursday June 5, 2008 Homebrew, Cool Gadgets, and Pizza Night/Election of Officers

It's Pizza Night and that means it's show-and-tell time again! Bring in that homebrewed gear you just built, that kit you just finished, or that unusual gadget that you use in your shack. This is your chance to show it off!! Come out and see everyone's "stuff" while you enjoy some delicious pizza. It's also **election night**. Remember WARC is your club and you decide who will direct it for the next year – so come out and vote.

Thursday July 3, 2008 Mobile Night

What's in your car? Do you operate a two meter HT or do have a whole ham shack on your dash? Come out and share your mobile set-up with the club. Pass along your tips on installing equipment in a vehicle. Discuss antenna options. Share your mobiling experiences. If the weather cooperates we will move the meeting to the parking lot and eyeball each other's installations. If you operate from your car you won't want to miss this meeting.

(Continued from page 1)

safely logging a contact while mobile.

Unfortunately, the number of PDA's that support Graffiti are dwindling. It's also very unlikely that consumer electronics manufacturers are going to bother with such a specialized need as this. No, an innovative solution like the one I mention here has to come from hams themselves. Just like everything else in this hobby, we do it because it needs to be done, or because we want to see if we can do it.

Anthony

Anthony Burokas - KB3DVS
President, Warminster Amateur
Radio Club - <http://K3DN.org>

**Warminster Amateur
Radio Club
Minutes for the General
Membership Meeting
January 3, 2008**

Meeting was called to order by the President (KB3DVS) at 7:40pm.

INTRODUCTIONS:VISITORS:

None

LICENSES; NEW and
UPGRADES:

Rick (KB3QCI) Technician Class
License
Jack (KB3OXW) to Amateur Extra
Class.

MINUTES FROM THE
NOVEMBER 1, 2007 MEETING:

Accepted as submitted and printed
in the Feedback Newsletter.

GOOD AND WELFARE: Vince

(KD3TC)

None

TREASURER REPORT - Denise

(KB3ANO):

As given

COMMITTEE REPORTS:MEMBERSHIP- Mark

(WA3QVU) and Michelle

(KB3MTW):

There are 135 paid-up members.
Michelle would like to see the club
have a goal of 200 members.

PUBLIC SERVICE- George

(N3HBT):

None

REPEATER- Brian

(N3EXA):

The radios and a rack to hold the
radios have been purchased. Brian
will be soon ordering the Voter.

FIELD DAY 08- Rich

(Continued on page 3)

(KB3NRL):

There will be a preliminary meeting immediately following the January board meeting.

PROGRAMS-Larry (WA3ELQ):

ARRL Night will be held in April. Eric Olena (WB3FPL) has agreed to attend.

OLD BUSINESS:

None

NEW BUSINESS:

None

VHF and UHF CONTEST-Doc (W3GAD)-

Saturday January 19 and Sunday January 20. The same clock that appears on the Pack Rats web site will also be displayed on the WARC web site.

WHEN WERE YOU FIRST LICENSED?

The President asked for a show of hands from the members as to when they received their first license. Two of our members received their license as far back as the 1930's!!

50/50:

Erik (N3YNX)

REFRESHMENTS:

Coffee, sodas, and donuts served by Randy (N3LJE) and Doc (KA3RAU).

Business portion of the meeting adjourned at 8:10 pm

TONIGHT'S PROGRAM- "Kit

Building Night" moderated by Larry (WA3ELQ). Several club members brought in projects they have/had been working on. Larry started off the presentation by giving an excellent overview (power point presentation) of what is required to get started with your kit building project. Among other helpful hints; Larry spoke about preparing a work space, necessary tools and materials, and some helpful web sites. Larry also provided a list of websites where one might find kit building projects. Jim (WA4YWM) showed us his K-2 home built radio. During his building process, Jim made detailed notes with supporting documents. Jim said it took him about two

years to complete the project and was an excellent learning experience. Bill (K3ZMA) showed off some of his projects as well. Some of Bill's projects were manufactured from inexpensive parts he picked up at ham fests. Tom (KA3FQS) also displayed some of the many projects he has worked on over the years Larry distributed handouts that contained lists of companies that manufacture and sell kit building projects. If anyone would like a copy of the handouts, they may contact Larry via email at: rabbott3@verizon.net

I think many of us left that evening feeling inspired to someday work on our own kit projects

Submitted:

Club Secretary, kb3ibq

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 Mark Hinkel (WA3QVU) for more information.

Attention members

The Membership Committee has badges and Club cards for you to pick up. If you do not have a Warminster Amateur Radio Club badge or card with your picture on it, please stop by and visit your Membership Chairs, Mark Hinkel - WA3QVU or Michelle London - KB3MTW at the WARC monthly meetings. Otherwise, please contact Membership at: WARCmembership@K3DN.org. Thank you.

"Introduction To Amateur Radio"

On Tuesday evening February 26th the Penn-Del ARC will be hosting an "Introduction To Amateur Radio" night beginning 7pm at the Ogden Fire Company located at 4300 Naamans Creek Road in Boothwyn, PA 19061. If anyone would like to attend or wants more info I can be reached by e-mail at hfrantz@comcast.net

Our goal is to get a write up in the local paper as well as spreading the word to our local public safety folks (police and fire). End result is hopefully a number of new Hams, club & ARRL members.

Best Regards,
Hal Frantz KA3TWG
President, Penn-Del ARC

**WARC JACKETS,
SHIRTS AND HATS**

Are available. Delivery within one month of placing order- the more we order, the lower the prices. See Burt (N3YVH) for order forms and cost information.

Here are some of the better photos from my participation in the VHF-UHF Sweepstakes.

Michael, KB1JEY



This is my volunteer construction crew, who were kind enough to show up on relatively short notice. In HPIMO177.JPG, they are from left to right: Anthony Burokas, KB3DVS; George Altemus, KA3WXV@; Rick Rosen, K1DS; and Tom Fredericksen, KA3FQS. The modest house in the background is my next-door neighbor <smile>.



This is my collection of borrowed antennas, mostly from Bill Shaw, K3EGE. From bottom to top: a 3 element 6 meter beam, a 222 MHz loop; a 2 meter Yagi, a 432 MHz Yagi, and a portion of a 1296 MHz looper. Not shown is a copper pipe 222 MHz J-pole borrowed from KA3FQS that I raised up in a nearby tree using my Al Konschak-inspired slingshot. I was short on coax but K1DS, KA3FQS, and Dave Fleminning, KB3HCL, came through with some extra lengths.



This shows my improvised window feed-thru for the coax and rotor cable. Air conditioning foam does wonders for sealing out the cold.



This is my assembled station. From left to right: an MFJ-4225MV 25 amp switching power supply; a RI-Grunner 4005 so that I had a place to plug in all of those PowerPole connectors; my Yaesu FT-857 for 6 meters, 2 meters, and 70 cm (432 MHz); a borrowed IC-290A which was used as the IF rig for the 1296 MHz transverter; a borrowed ADI AR-247; and my borrowed 1296 MHz transverter. In addition to lending me the 222 MHz and 1296 MHz rigs, K1DS also lent me a CDR antenna rotor with just enough cable to reach my operating table.



This last photo shows me, KB1JEY, trimming some interfering branches and the erected mast and antenna, guyed with my ample collection of Harbor Freight blue poly rope and Home Depot rebar stakes.

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 2008 test fee is **\$14.00**.

Warminster Amateur Radio Club, Monthly, Last Wed. 7:00 pm - Tom Michaud, WA3TQJ, 215-343-3494.

Atco, NJ, The fourth (4th) Tuesday of each month, at 7 p.m. Winslow Township Senior Center, 33 Cooper Folly Road, 08004-2603.

Mark (K2AX) jtra@comcast.net

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, Testing is done on the 4th, non holiday Thursday of the month at the, Community Ambulance Association of Ambler, 1414 E Butler Pike, Ambler PA 19002 at 7:00 PM We also are testing on Saturdays at least once per quarter at 9:00 AM. For further information contact James McCloskey at jmcloskey@msn.com and by phone 215-275-2979.

Lansdale, PA Testing on the first non-holiday Tuesday of the month starting at 7:00 PM. The Lansdale Library Community Room Vine St. and Susquehanna Ave. Lansdale, Pa. Registration is required 48 hrs. or more before the scheduled exam date. If there are no registrations the scheduled exam date will be canceled. NO WALK-INS. You can register by contacting:
Olaf N. Markert ----- Phone (610) 517-5074, E-mail w3pa@arrl.net

One of my best stories from operating was that on Sunday, the PTT button on the microphone for the ADI 222 MHz stopped working. Since 222 MHz is used for coordination, that appeared to be a big problem. So I unscrewed the back of the microphone and figured out that the foam block behind the button was compressed (worn). I cut a shim from a keylock poly-tie and put it between the button and the micro switch. That did the trick and I was back on 222 MHz.

How did I do with temporary station? I managed 110 contacts over

the weekend over the five bands, activating 16 grids. I worked 28 Packrats and made my first 4 microwave QSOs.

If there is a lesson for others, fellow ham club members are eager to help you get on the air if you take the time to make some friends and ask for help. I also learned that I need to get started earlier. I was soldering PL-259 connectors a couple of hours before my crew arrived and was setting up the J-pole on the morning of the contest. While I'm proud of my scavenged VHF-UHF-microwave station, I'm already working on how to generate a better score next year.

➤ ATLANTIC DIV. HAMFESTS - 2008

29-30 Mar 2008 + Greater Baltimore Hamboree and Computerfest Baltimore Amateur Radio Club <http://www.gbhc.org> Timonium, MD Maryland State Fairgrounds 2200 York Road

19 Apr 2008 + York Hamfest York Hamfest Foundation <http://www.yorkhamfest.org> Dover, PA Brookside Park 4054 Fox Run Road

4 May 2008 + Warminster Amateur Radio Club <http://www.k3dn.org> Wrightstown, PA Penns Park Road

15 Jun 2008 + Father's Day Hamfest Frederick Amateur Radio Club <http://www.frederickarc.org> Frederick, MD Great Frederick Fairgrounds and Eventplex 797 East Patrick Street

4 Jul 2008 * Eastern Pennsylvania Section Convention (Firecracker Hamfest) Harrisburg Radio Amateur Club <http://hrac.tripod.com> Bressler, PA Emerick Cibort Park

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>

➤ **CLUB EQUIPMENT**

WARC has purchased four Vertex Standard 2-meter HT's that are available for use by members of the club. The HT's are available on a month-by-month basis and have been purchased primarily to help new hams get on the air. However, they may also be used by any club member who is in need of a temporary 2-meter radio. They are also available for use by participants in WARC's public service activities. DE, Larry Abbott WA3ELQ
 WA3ELQ@k3dn.org
 215-443-7521



*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.

For further information contact: George Altemus at altemus@drs-c3.com or phone 215-855-3856 evenings 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
- 147.270 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

Bucks County Amateur Radio Emergency Service (BCARES)

www.bucksares.org
 Bucks County ARES will be on the air Wednesdays, at 9:00 PM . We will be using Warminster Amateur Radio Club's repeater on 147.090, pl 131.8.

Telpac Stations on:

- Upper NJ3A-10 145.610 Riegelsville
- Central KB3BUX-10 145.670 Ivyland Home frequency
- Lower NY3J-10 145.530 Bensalem

Net Schedules

Sunday	2100	10 Meter Net	28.445 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	2030	WARC	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 Memer: \$ 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.

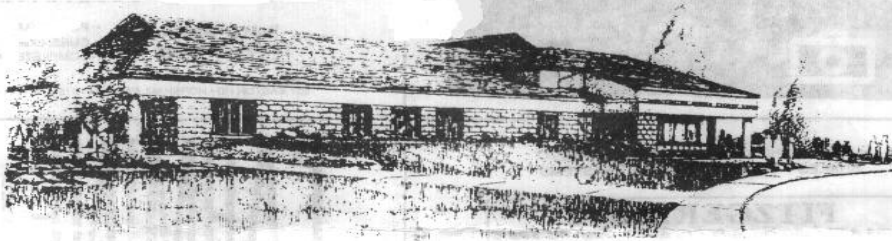
2008 Officers

Executive Officers

President	Anthony Burokas	KB3DVS	632-3283
Vice-President	Larry Abbott	WA3ELQ	443-7521
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)	Michael Davis	KB1JEY	646-6011
Past President	Tony Simek	N3YNH	674-5218

Committee Chairpersons

Feedback Editor	Jim Elmore	WA4YWM	538-1889
Membership	Mark Hinkel	WA3QVU	6594449
	Michelle London	KB3MTW	672-7578
Field Day '08	Rich Enwright	KB3NRL	357-9055
Hamfest '08	Todd Hevener	KB3LCT	768-9926
January '08 VHF Contest	Joe Bagnick	N3EMA	997-2539
PA QSO Party '08	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
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	889-7202
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

**Address Service Requested. If
Undeliverable, Return to Sender.**