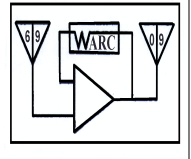




# FEEDBACK



Web Site k3dn.org

Warminster Amateur Radio Club

October 2007

## Next Meeting October 4th - SSTV/ATV Night

### Warminster Amateur Radio Club

#### **Minutes for the General Membership Meeting THU 06 SEP 07**

Meeting was called to order by Pres Anthony (KB3DVS) at 7:40pm.

#### INTRODUCTIONS:

#### VISITORS:

- Bill
- Don
- Brian
- Kurt

#### MINUTES FROM THE THU 02 AUG 07 MEETING:

- Minutes accepted as submitted.

#### GOOD AND WELFARE:

- George (N3HBT) and Elaine (N3TMP) announce the passing of Bruna, George's Seeing Eye Dog on SAT eve 01 SEP 07.
- Bob (K3SRO) has Lou Gehrig's disease which unfortunately is terminal. Bob has been a WARC member for 20 yrs.
- Horace (K3KT) 2 mos ago fell and broke his hip. He has been on dialysis. Mark (WA3QVU) suggests phone calls and visits at his home.
- Rich (KB3NRL): His son got married. Anthony (KB3DVS) attended as a friend of the bridesmaid's father. Small world!

#### TREASURER REPORT:

- Denise (KB3ANO):
- Money taken in, money spent, huge surplus left over.

#### COMMITTEE REPORTS:

#### MEMBERSHIP:

- Mark (WA3QVU):

### 2007 Contest Calendar

- November**      3 - 5 ARRL November Sweepstakes (CW)  
                          17 - 19 ARRL November Sweepstakes (Phone)  
                          30 - 12/2 ARRL 160 Meter Contest
- December**      8 - 9 ARRL 10 Meter Contest

California QSO Party 1600Z, Oct 6 to 2159Z, Oct 7  
 Pennsylvania QSO Party 1600Z, Oct 13 to 0500Z, Oct 14 and 1300Z-2200Z, Oct 14  
 Illinois QSO Party 1700Z, Oct 21 to 0100Z, Oct 22

- Currently at last count we have 105 paid-up members. The total has decreased from last month's 136 due to lots of renewals due in SEP.
- Read Alan Pitts' (W1AGP) SEP 07 QST article "Media Hits" on page 12. Long ARRL lists are available of the many media hits for attention on 2007 ARRL Field Day.

#### PUBLIC SERVICE:

- Burt (N3YVH):
- SAT-MON SEP 1-3, SAT-SUN SEP 8-9 07 Polish American Festival: 147.75 SIMPLEX is being used at the festival. Turnout has been great with support from Michelle (KB3MTW), Adam (KB3JCP), and others. There is still another weekend of participation. More operators can always be used. Bernice (KB3PCX) won the ARRL back pack. The Festival Book advertises WARC's amateur fall classes. It includes George's (KA3WXV) phone number to provide more detail about classes. A tent is provided to display our club banner. Volunteers are needed: 9:30am->6pm each day - but even as short as 1-2 hrs will be welcomed to give some of the others a break.
- George (N3HBT):
- THU 08 OCT 07 07:30->1:30pm Columbus Day 5-Ponds Golf Course: Hole-in-One golf competition. I'll have

- a sign-up sheet at the SEP and OCT meetings. About 10 operators will be needed. Afterwards, a nice hot buffet meal will be provided.
- Michelle (KB3MTW):
- SAT-SUN 28-30 SEP 07 MS-150 Walk at Ocean City: Sign-up forms are available. Please include Michelle's name to give her credit. 100 operators are needed, if possible. Motel rooms are available, too.
- Mark (N3GNW):
- The PA QSO Party SAT-SUN 13-14 OCT starting Noon SAT until 1:00am SUN. Mark wants the logs available for submission by the NOV meeting. E-mail Mark to request the KA3JWA logging program. W3KM program is also available.
- Doc (W3GAD):
- THU 22 NOV 07 Thanksgiving

*(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 October 4, 2007 SSTV/ATV Night**

**You know phone and cw operation. Maybe you have tried PSK31 and APRS. But have you ever operated SSTV? Come out to an informative evening about slow scan TV and amateur TV with Mark Morris N3NJ. See how easily you can become a part of this exciting facet of ham radio.**

**Thursday November 1, 2007 Mobile Night**

Well, the weather didn't cooperate with us last July, so let's try this again. 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.

**Note: ARRL Night has been postponed until next spring.**

**Thursday December 6, 2007 Annual Holiday Dinner**

Spend time with friends and enjoy some special food. Bring your significant other. Bring a non-perishable food item to donate. Come one, come all to the WARC Annual Holiday Dinner. A fun time for all club members.

**Thursday January 3, 2008 Kit Building**

Hams don't build their own gear anymore, right? Wrong! A lot of hams are using equipment they constructed themselves, and many times that equipment is built from a kit. Everything from small accessories to full-featured radios are available as kits. Join several of our kit-building club members for an informative evening on choosing and building ham-related electronic kits. Many completed and in-progress kits will be on display as well.

**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 (tentative)**

What is happening in ham radio today? What is the ARRL is doing for ham radio and for you? Eric Olena WB3FPL (**tentative**) 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.

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Morning: Turkey Trot AM Run  
8:00->11:00am: Plenty of time to participate and get home early to assist with Thanksgiving dinner.

**AMATEUR LICENSE CLASSES:**

- Amateur Extra: 7:30-9pm on MON eves starting MON 10 SEP  
Instructor: Tom Frederiksen (KA3FQS):  
- No-Code Technician: 7-9pm on TUE eves starting TUE 11 SEP  
Instructor: George (KA3WXV)  
- Classes are free, but you are responsible for buying the study guides (available in the class). Both classes should run 8-10 weeks.

**LIBRARY:**

Bill (K3ZMA):  
- There is a complete collection of

ARRL antenna books. Choose one to sign out for review.

**OLD BUSINESS:**

Anthony (KB3DVS):  
- PA PRB-1 exclusions bill is No. HB1777 House, No. SB884 Senate. This will be a codification of PRB-1 for PA. It will establish clear and explicit language stating: "No municipality may adopt an ordinance, regulation, or plan, or take any other action that precludes amateur radio communications..." Contact your representative and state senator: Ask them to support these bills.  
- Preparing manual on how to run a club: Anthony will need inputs from committees. Please submit hard copies to him. Some pages have been received already, but there are a few of you who have not yet

provided a page for this club manual. Again, I am just looking for a basic rundown of how you do what you do for the club. Jim Elmore (WA4YWM), who does the newsletter is an example. Jim can write that he uses Microsoft Publisher to update an existing document with president's message, minutes from the last meeting, and fills in extra space with club member articles or ARRL news. Then he e-mails this document to Minuteman Press 5 days before the monthly board meeting. They print it. Then the board members fold, staple, label, and stamp the newsletters for mailing. Of course, each of you can get a little more detailed on what you do. Those bigger jobs, like Hamfest & Field Day already have outlines that have been passed down. All I am asking for is that these outlines be

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updated, expanded and then printed out for inclusion in the club manual.

#### NEW BUSINESS:

Anthony (KB3DVS):

- For those members who do not have a chair position, I would like to enlist your help in finding out ways we can increase awareness of the club in our local area. If you watch TV or read a local paper, please get information on where the club can submit event information. Newspapers usually have an "Activities" page, an e-mail address where information can be submitted. Since our members come from a pretty wide area, there are a lot of newspaper e-mail addresses to be collected. But if each one of you does just one, and sends it in to the e-mail list, then you have helped and we can use that information to send announcements of club meetings and events.

- Also, when you watch TV, there are lots of local area bulletin board channels. In North Wales, where I live, I get North Penn TV and The Montgomeryville Township channel. Please tune around and watch those stations that usually have what look like PowerPoint presentations on them, almost all text. Watch them for about 5 minutes and get the contact phone number or e-mail address and send it in to the WARC-Talk e-mail list. That would be an incredible help. Please take 10 minutes out of your week to get that contact information from your local newspaper and public TV bulletin board.

- As a trial, we did the FEEDBACK in a tabloid format. This is a more professional presentation, but it requires more folding. It costs a little extra, \$12.00 for all 120 or so newsletters, i.e. about \$.10 more per issue. Is it worth it? What do members think?

- Due to the location in Southampton being under construction until the end of the year, the Pack Rats will be holding the OCT, NOV, DEC (3<sup>rd</sup> THU) meetings at the Wilson Senior Center.

- The 36<sup>th</sup> annual Pack Rat Flea Market will be SUN 30 SEP 07 at the Middletown Grange Fair Grounds.

General admission \$6.00 with non-ham XYL's and children under 13 free.

- Radio Shack and Home Depot, among other retailers, now accept rechargeable batteries for recycling. Staples and FedEx Kinkos accept old cell phones and printer cartridges.

#### 50/50:

- Erik D'Onofrio's (N3YNX) was here for one final 50/50 night. Burt (N3YVH) will be taking over for Erik.

#### REFRESHMENTS:

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

Meeting adjourned at 8:40 pm

#### TONIGHT'S PROGRAM:

- THU 06 SEP 07: Doc (W3GAD): VHF/UHF operating and contesting. Doc encourages everybody to get involved in the SEP contests: SAT->MON 8-10 SEP ARRL VHF QSO Party; SAT->SUN ARRL UHF QSO Party. Doc showed us pictures of various VHF/UHF amateur stations, including his own. The Pack Rat beacons are on top of the Philadelphia PECO Building. Doc provided us with lists of VHF/UHF beacons throughout the USA. They can be used for frequency calibration of receivers and antennas.

Respectfully submitted by  
Jeremy Robinson (K2AKW),  
Secretary

#### **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.

#### **PUBLIC SERVICE**

? Monday October 28 - Columbus Day Hole-in-One Golf Competition at the 5 Ponds Golf Course in Warminster.  
THU 22 NOV Thanksgiving Morning: Turkey Trot AM Run 8:00-11:00am: Plenty of time to participate and get home early to assist with Thanksgiving dinner. Doc (W3GAD).

#### **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.

#### **Entry level Ham radio classes in September**

The Warminster Amateur Radio Club will be offering free ham radio. Licensing classes starting on Tuesday, September 11th, 2007 at the Benjamin Wilson Community Center. The classes will start at 7:00 pm and last until 9:00 pm and run for 8 weeks. The Classes

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are free, but the students will be responsible for any study guides. We plan to use the current ARRL Study guide

#### For further information

Contacts: George Altemus at [altemus@drs-c3.com](mailto:altemus@drs-c3.com) or phone 215-855-3856 evenings or George Brechmann at 215-443-5656

### **SOLAR UPDATE**

Tad "All for the Love of Sun(spots)" Cook, K7RA, this week reports: Fifteen days in a row with no sunspots, but this may change soon. Take a look at sunspot numbers compared to solar flux for the current third quarter of 2007 <[http://www.sec.noaa.gov/ftpdir/indices/quar\\_DSD.txt](http://www.sec.noaa.gov/ftpdir/indices/quar_DSD.txt)>. Notice that when there are zero sunspots, the solar flux (the amount of energy we receive from the Sun at a wavelength of 10.7 cm or 2800 MHz) is always below 70. Recently, the flux value has been below 70, and for some time now the US Air Force has predicted a slight rise in solar flux to 70 for today, September 21. You can see those predictions here <<http://sec.noaa.gov/ftpmenu/forecasts/45DF.html>>. If we examine predictions from early September on that page, note they show a return to 70 solar flux for September 17; later forecasts show it creeping out to September 18, then 19 and finally for yesterday, the prediction for today is 70. We also see the return of sunspot group 970 set for September 21-23 in September 21 Solar Region Summary <<http://www.sec.noaa.gov/ftpmenu/forecasts/SRS.html>>. It would be great to have at least one sunspot when fall returns. The official autumnal equinox is this weekend, September 23 at 0951 UTC. Sunspot numbers for September 13-19 were 0, 0, 0, 0, 0, 0 and 0 with a mean of 0. The 10.7 cm flux was 66.4, 66.8, 67.7, 67, 66.9, 66.5 and 66.8 with a mean of 66.9. Estimated planetary A indices were 2, 4, 4, 2, 2, 3 and 4 with a mean of 3. Estimated mid-latitude A indices were 1, 3, 3, 2, 1, 2 and 2 with a mean of 2.

For more information concerning radio propagation, visit the ARRL Technical Information Service Propagation page <<http://www.arrl.org/tis/info/propagation.html>>.

*Courtesy The ARRL Newsletter*

### **ARRL CONTINUES TO DEAL WITH DEPARTMENT OF DEFENSE OVER PAVE PAWS SITES**

The ARRL participated in a teleconference call on Wednesday, September 19, with the Department of Defense (DoD) regarding Amateur Radio repeaters interfering with the Air Force's PAVE Paws radar system.

According to ARRL Regulatory Branch Manager Dan Henderson, N1ND, "The DoD acknowledges that it has seen changes at some repeater sites, but not all of them." He said the DoD has revisited the Massachusetts repeaters, located near Otis Air Force Base on Cape Cod, to "remeasure the numbers. Some Massachusetts repeater owners have volunteered to completely turn off their systems and some others have made changes, but more is needed at both PAVE Paws radar sites."

The DoD, Henderson continued, has identified additional sources of interference in Massachusetts. "This was not really unexpected and is part of what has become an ongoing project. The ARRL will begin working with these repeater owners as soon as the DoD provides us with specific information," he said.

In California, where more than 100 repeaters are being scrutinized by the DoD, Henderson said the majority of repeaters have not been mitigated: "The Air Force has not had a chance to revisit Beale Air Force Base for new measurements, but it will be happening soon."

Reports have circulated that a number of California repeater owners have decided to take no further action about mitigating the interference

unless they receive official notice from the Federal Communications Commission. "If these reports are true," Henderson said, "it is unfortunate. The FCC has stayed abreast of the discussions between the League and the DoD, and they are prepared to act appropriately if they are contacted by the DoD."

He continued: "The DoD has indicated they are willing to allow the ARRL to continue its attempts to mitigate the interference; however, they have expressed a sense of urgency that this must come to a conclusion. Those waiting for FCC action may find it coming sooner rather than later."

*Courtesy The ARRL Newsletter*

### **NATO GROUP RELEASES REPORT ON BPL**

The Information Systems Technology group, part of the North Atlantic Treaty Organization's (NATO) Research and Technology Organization (RTO), released their report, "HF Interference, Procedures and Tools" (RTO-TR-IST-050), in June. This report "address[es] the concerns raised by the potential for unintentional radio interference to be caused by the widespread operation of broadband wire-line telecommunications systems."

BPL, also called Power Line Telecommunications (PLT) in Europe, uses existing power lines for telecommunications with data rates higher than 1 MBit per second. NATO said that since

#### **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)*

existing power lines were not designed for such transmissions, "they will cause unintentional RF emissions which may adversely affect the established radio noise floor directly, or by cumulative propagation from many such sources. The existing HF background noise possibly may be increased via ground wave and/or sky wave propagation."

Not only could this be a problem for Amateur Radio operators, but NATO said that military users would be affected as well: "Increase of the existing HF noise floor by widespread use of PLT...will bring up problems for Military Radio Users as well as for HF Communication Intelligence (COMINT) in all NATO countries. The signal-to-noise ratio thus may be reduced for tactical and strategic HF radio as well as for fixed sensitive COMINT sites."

Saying that "PLT will produce the most problems regarding HF interference," the report makes the assertion that ambient noise levels in Europe have not increased in the last 30 years. This was proved using measurements made by the ITU in the 1970s compared with noise levels today, with the report saying that the "ITU Recommendations for natural and man-made noise in the HF-range are still valid in Europe."

The NATO report said "[r]ecent measurements carried out in Germany and Great Britain indicated that there is no remarkable difference between

these measurements, specifically no increase of the ambient noise in quiet rural zones within the last 30 years. Based on these measurement results, the cumulative interference field strengths far away from telecommunication networks should not be higher than -15 dBuV/m (9 kHz bandwidth) across the entire HF range, if no measurable increase in minimum noise levels are to be tolerated."

Conversely, some European PLT proponents "in presentations and discussions have argued (without being able to prove it) that ITU recommendations based on measurements carried out in the 1970s are no longer valid, as the man-made and the ambient noise levels have increased since that time to considerable higher values (by up to 30 dB)."

The NATO report also indicated the following: A high probability that PLT would cause increased noise levels at sensitive receiver sites given the projected market penetration; and the percentages are highly influenced by assumptions on transmitter EIRP (equivalent, or effective, isotropic radiated power), PLT market penetration and duty cycle.

ARRL Laboratory Manager Ed Hare, W1RFI, was pleased to see the report. "The findings described in this paper are based on good science. NATO has concluded that protection levels well below 0 dBuV/m are needed to prevent interference to sensitive HF operation. They studied distance

extrapolation and concluded that 40 dB/decade is not the correct factor to use to make measurements at one distance, and related the measured values to other distances. They also have advanced the state of the art and determined that the aggregate noise from large scale deployment of BPL will increase worldwide noise levels by skywave propagation."

Hare points out that NATO's report "pretty much echoes the ARRL's pleadings during the BPL rulemaking." The ARRL has constantly argued against the 40 dB/decade extrapolation factor that, while recommended by the FCC, the report found, "was not confirmed by measurements carried out by other organizations."

The report acknowledges that there are no commonly accepted regulatory emission limits from PLT and recommends that countries work together to limit these emissions. "While it is highly desirable that the regulatory limits on PLT emissions be harmonized throughout the NATO countries, the RTG recognizes that NATO, by itself, has no regulatory authority over the emission limits. Therefore, it is recommended that NATO seek the implementation of this goal by working together with the national and international regulatory authorities."

The full report, "HF Interference, Procedures and Tools," can be downloaded in pdf format <[http://ftp.rta.nato.int/public/PubFullText/RTO/TR/RTO-TR-IST-050/\\$STR-I ST-050-ALL.pdf](http://ftp.rta.nato.int/public/PubFullText/RTO/TR/RTO-TR-IST-050/$STR-I ST-050-ALL.pdf)>.

➤ **ATLANTIC DIV. HAMFESTS - 2007**

- 6 Oct 2007 + Tailgate Fest Red Rose Repeater Association  
<http://www.qsl.net/rrra>
- 7 Oct 2007 + Columbia Amateur Radio Association West Friendship, MD Howard County Fairgrounds 2210 Fairgrounds Road  
<http://www.carafest.org>
- Brownstown, PA West Earl Twp. Park Route 772 East
- 18-20 Oct 2007 \* Microwave Update 2007 Mt. Airy VHF Radio Club (Pack Rats) <http://www.microwaveupdate.org> King of Prussia, PA Dolce Valley Forge (formerly The Inn at Valley Forge) 251 West DeKalb Pike
- 21 Oct 2007 + RF Hill Amateur Radio Club <http://www.rfhill.ampr.org> Sellersville, PA Sellersville Fire Department 2 North Main Street
- 28 Oct 2007 + 18 Annual Mason-Dixon Hamfest Carroll County ARC Westminster, MD Carroll County AG Center 700 Agricultural Center  
<http://www.qis.net/~k3pzn/mdhfest.htm>

➤ **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

**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>

**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 2007 test fee is \$14.00.

**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 Brown-ing 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**, 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. Scheduled so far is 3/3/7, 6/9/7, 9/15/7 and 12/22/7. For further information contact James McCloskey at [jmccloskey@msn.com](mailto:jmccloskey@msn.com) and by phone 215-275-2979.



*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.

Classes start on Tuesday, September 11th, 2007 at the Benjamin Wilson Community Center. The classes will start at 7:00 pm and last until 9:00 pm and run for 8 weeks. The Classes are free, but the students will be responsible for any study guides. We plan to use the current ARRL Study guide. Amateur Extra: 7:30-9pm on MON eves starting MON 10 SEP Instructor: Tom Frederiksen (KA3FQS):

For further information contact: George Altemus at [altemus@drs-c3.com](mailto: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](http://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	28.440 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	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.

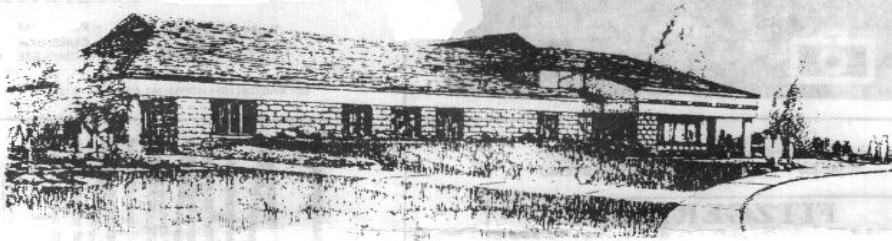
**2007 Officers**

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 '07	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	KA3WXX	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			
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.**



# WARMINSTER AMATEUR RADIO CLUB

## DECEMBER DINNER MEETING

**December 6, 2007**

The December 2007 meeting will include a catered buffet dinner in the same fashion as last year. Seating begins at 6:00 P.M. with dinner starting at 6:30 P.M. The menu will include:

### HOT DISHES:

- STUFFED SHELLS
- BAR BQ PORK
- STRING BEANS
- HOT ROAST BEEF
- POTATOES

### COLD MEATS & CHEESES:

- IMPORTED HAM
- TURKEY BREAST
- GENOA SALAMI
- ROAST BEEF
- CORNED BEEF
- AMERICAN & SWISS CHEESE

### OTHER ITEMS:

- POTATO & MACARONI SALADS
- ROLLS & RYE BREAD
- PICKLES, TOMATOES & CONDIMENTS
- COLE SLAW

### SWEET TABLE:

- ASSORTED CAKES AND PASTRY

**\$10.00 per person 12 and older**

**\$5.00 per child 4 - 11 years old**

**Age 3 and under is free**

Seating is limited. Reservations and payment must be made on, or before, November 1, 2007. Please complete the form below and return it, with payment, **at the November 1st meeting or by mail, before November 1st**, to the Warminster Amateur Radio Club, P.O. Box 113, Warminster, PA 18974. For reservations and information contact Elaine N3TMP at [n3tmp@comcast.net](mailto:n3tmp@comcast.net) or call 215-443-5656.

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Please Cut Off and Return With Payment

WARC MEMBER NAME \_\_\_\_\_ CALL SIGN \_\_\_\_\_

\_\_\_\_\_ PERSONS (12 and older) @ \$10.00 per person                      \$ \_\_\_\_\_

\_\_\_\_\_ CHILDREN (4 - 11) @ \$5.00 per child                                      \$ \_\_\_\_\_

Total Enclosed                                      \$ \_\_\_\_\_