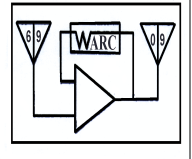




FEEDBACK



Web Site k3dn.org

Warminster Amateur Radio Club

December 2007

Next Meeting December 6th—Holiday Dinner

Warminster Amateur Radio Club Minutes for the General Membership Meeting November 1, 2007

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

INTRODUCTIONS:

VISITORS:

None

LICENSE UPGRADES-

Four have taken and passed the test for technician class.

Extra Class, Kurt Johnson (KB3PYB)

MINUTES FROM THE October 4, 2007 MEETING:

Correction: At the October meeting, John Donofrio (N3RIA) asked the board to consider what they planned on doing with the money in the treasury. The rest of the minutes were accepted as submitted.

GOOD AND WELFARE: Vince (KD3TC)

George (N3HBT) and Elaine (N3TMP) thanked everyone for their sympathy cards and condolences on the passing of their dog Bruna. George is currently living away and working with a new dog, a German Sheppard named Packer. George and Packer are working well together and have recently passed a major "Safety and Trust Test". George is looking forward to returning home soon with his new companion.

TREASURER REPORT - Denise (KB3ANO):

As given

COMMITTEE REPORTS:

MEMBERSHIP- Mark

2007 - 2008 Contest Calendar

December	8 - 9 ARRL 10 Meter Contest
January	5 - 6 ARRL RTTY Round-Up 19 - 20 ARRL January VHF Sweepstakes
February	16 - 17 ARRL International DX Contest (CW)
March	1 - 2 ARRL International DX Contest (Phone)

(WA3QVU):

Current last count shows we have over 116 paid-up members; that is down from last month's 127. 9 members are up for renewal.

PUBLIC SERVICE- George

(N3HBT):

November 18, 2007 - A representative (Michelle) from The Hatboro Chamber of Commerce was on hand to ask the WARC to help provide communications for the Thanksgiving Parade along Old York Rd. The parade will consist of 100 groups with about 4,000 participants and run from Horsham Rd to Summit Ave. About 10 radio operators will be needed from noon to 4pm. A sign-up sheet was circulated at the meeting.

THANKSGIVING DAY RUN,

Thursday November 22 is the 17th annual Turkey Trot Run, from 8:00am to 11:00am: The run Benefits the Bethana Home for Children in Southampton. Everyone will be home in plenty of time to enjoy their Thanksgiving dinner. If interesting in helping out, please see Doc (W3GAD).

CLASSES - George

(KA3WXV):

No report

LIBRARY- Bill (K3ZMA):

Bob (K3SRO) has donated some new books. Books are available for loan to club members. Fill out the card when borrowing books.

SKYWARN-Mike (W3JMP)-

A Skywarn WX Spotter Training Class will take place on Monday 11/5/07 at the NWS office in Mt Holly, NJ (Burlington County) from 7pm to 8:30pm. If anyone is interesting in an orientation tour or of the Mt Holly, NJ facility, please contact Mike at: W3MJP@arrl.net.

REPEATER- Brian

(N3EXA):

It was brought to the club's attention, that certain components of the 2m repeater system have become outdated and need to be replaced. In particular; the four UHF and one VHF receive radios. These radios (GE Mater Pros) are 1960's vintage and parts are no longer available. Changing these radios will also require changing the voter system. (The radios and voters must be of the same manufacture). Total new equipment needs will include but not limited to: five new UHF radios, one new VHF radio and

(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 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

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 mobilizing 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)

their accompanying voters, a cabinet for the radios and components storage, programming software, pre-amps, splitters, cables, connectors, etc... The new radios will be Motorola CDM 750s. The cabinet will be a new convenient way to store all of the radios and components. The new cabinet will allow the tech to work (meter and make adjustments) from the front panel as opposed to having to crawl around the back, which is currently required when working on the old cabinet. The current 2m transmitter is working fine and does not have to be replaced. Also under consideration for the future may be installing a back-up power supply (gel cell batteries) for some of the RX sites. Brian has priced out all of

what he needs to rebuild the core repeater system and has ascertained a cost of about \$5,000. This \$5,000 is for the new equipment described above and is in addition to his current annual repeater budget of \$2,000. The floor was open for questions and discussion.

Afterwards a motion was made, seconded and unanimously voted on to approve the new purchases. The new repeater will be assembled and tested before being placed into service. No timeline for this was described. As a side note; currently the repeater is located in the Warminster police station. At some point in the near future, the repeater will have to be moved from its present location to somewhere inside the Warminster Township Building. If at some point it is decided that the repeater should be

moved to the new Bucks County 911 Center (old NADC site/new Warminster Park), that will require the addition expense of purchasing a new antenna.

FIELD DAY 08- Rich

(KB3NRL):

No Report

HAM FEST 08- Bill

(K3ZMA):

Hamfest Chairman, Todd (KB3LCT) needs someone to take over daily administrative duties.

HOLIDAY DINNER 07-

Elaine (N3TMP) collected money for the dinner.

OSO Party. PA- Mark

(N3GNW):

Please have logs in to Mark by November 15, 2007. Anyone that worked all 67 counties will receive a free coffee mug from the WARC.

(Continued on page 3)

(Continued from page 2)

PROGRAMS-Larry

(WA3ELQ):

ARRL Night to be held in November has been postponed to April. Larry has still been unable to get anyone from the ARRL to commit to attending the April meeting.

OLD BUSINESS:

John Donofrio (N3RIA) again asked the board to consider what they planned on doing with the money in the treasury. The President advised John (and any other member) if they have an idea for spending the money, they should present it to the board.

NEW BUSINESS:

- 1) An offer has been to the WARC to link the 2m repeater (147.09) to the Thursday night (9pm) SKYWARN Net. Brian (N3EXA) asked the membership for their thoughts. No one objected. It will be tried and continued as long as there are no problems or objections.
- 2) Russ Tobias (KB3UI) strongly suggested the board have a future budget and financial management system in place to assuage any members concerns as to what the club will do with the treasury monies.
- 3) Dan Myers (KB3IBQ) asked if anyone can help him with lowering and reassembling his tower on the weekend of December 1.
- 4) November was the last club meeting to be attended by Stu (KB2QBU). Stu is moving. We wish him well.

50/50:

Erik (N3YNX)

REFRESHMENTS:

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

Meeting adjourned at 8:40 pm

TONIGHT'S PROGRAM:

John Fitch, the inventor of the Steamboat, was presented by Eric Fleischer from the Craven Hall Society. The group was shown a short film about the life and history of John Fitch. A question and answer session followed. If anyone is interested in learning more about John Fitch or the

Craven Hall Historical society, you access this web site:

<http://www.museumsusa.org/museums/info/1155599> or contact them at:

Craven Hall Historical Society, Inc.
599 Newtown Road
Warminster, PA 18974
(215) 675-4698.

Web: www.centennialsd.org/wth/sch/CravenHall/index.htm
Museum Hours and House Tours are conducted the second Sunday of the month, 12:00 p.m. to 3:00 p.m.

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 Ge hman (N3LJE) or 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.

(Editor's Note:

The following article was provided by Larry, WA3ELQ. It is used with permission of the author—Scott, N4ZOU)

Crazy HAM on a Bike!

I'm a HAM radio operator and now that I'm retired I've been able to devote a lot of time to a sport I thoroughly enjoy, that sport being cycling. I commuted to work on a bicycle for many years and enjoyed getting out with other cyclists riding back roads or Rail Trails for upwards of 60 miles or so. About twice a year I would do a Century on an organized and supported ride. A Century in bicycling terms is cycling a route totaling 100 miles. With the time I have available now I can actually get out and bicycle tour. This consists of packing camping equipment on a bicycle specifically designed for riding hundreds of miles loaded with camping equipment that would destroy a "normal" bicycle in short order. Here is a site dedicated to bicycle touring.

<http://www.crazyguyonabike.com/>

I've done a few tours now and found I really wanted to take a QRP transceiver with me. The only problem was the power required to operate the equipment. Unlike your car or truck with its battery a bicycle does not require a battery. Even in countries like Germany where bicycles are required to have lights for road use no battery is required. A dynamo driven from the tire generates power to run the lights. Here is the

(Continued on page 4)



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dynamo I use (See the above photo).

When I tour I camp as well so there is no place to plug in a battery charger. Staying a single night in a motel would allow me to charge my batteries but the cost of that room could feed me for an entire week on the tour. I don't want to credit card tour as some cycling tourists do. I might as well have the wife following me around in an RV if I did that. That's not "real" self supported bicycle touring. That's where "Crazy HAM on a bike" comes from! Hams think I'm crazy for riding a bike for miles on end and cyclists think I'm crazy to haul a radio and charge the batteries with a dynamo with its additional drag, in the daylight, while cycling!

How a bicycle dynamo works.

A standard bicycle Dynamo will supply 500mA of current when driven at its rated speed or faster. It uses a magnet rotating in a coil of wire so there is no voltage or current regulation. It's a constant current device. You get 500mA of current no matter what you have connected to it. If you connect a light to the dynamo that only draws 250mA the bulb will quickly burn out. If the bulb draws more than 500mA the voltage produced will be lower than 6-volts so the bulb will be dim. The dynamo is designed to produce power for a bulbs requiring exactly 6-volts AC with a current of 500mA or 3-watts.

In the 1950's Germany required all bicycles used on roads to be fitted with

lights. They determined 3-watts was acceptable and 6-volts was the common voltage used on vehicles at the time. Other countries adopted the same standards. Here we are 50 years later with the same standards with almost all bicycle dynamo driven lighting systems using the same standard worldwide.

Charging batteries with a bicycle dynamo.

It's easy! Much easier than you would think possible considering the limitations of a bicycle dynamo with its alternating current and unregulated voltage output. All that's required is a simple bridge rectifier consisting of 4 1N5818 diodes. I included a 470mF capacitor in the circuit as well. It's not required as the batteries will smooth the ripple produced by the AC to DC conversion but I wanted to be able to power My LED headlight and taillight on the bicycle if my batteries were damaged or lost and I had to ride after dark or through a tunnel. Not only may I recharge the batteries for the QRP transceiver other devices like a GPS unit or a Cell Phone may be recharged as well.

The battery pack actually consists of 3 parallel-connected packs of 4 series connected Ni-MH batteries wired for a circuit voltage of 4.8 VDC. This voltage meets the standards set for USB ports on computers. When the batteries are removed from the bicycle and the 3 battery packs are connected in series 14.4 volts is available for the QRP transceiver. While I am pedaling along with S1 open and S2 closed the dynamo is recharging the batteries at the maximum suggested rapid rate of 500mA. So what about voltage regulation? The batteries are automatically doing that as well! As the voltage produced by the dynamo approaches the rated voltage for the batteries they start to impose high impedance load on the dynamo consequently preventing excess voltage. I've recharged as few as 2 Ni-MH batteries with the voltage regulated at 2.9 VDC, perfect for Ni-

MH batteries. 9.6-volt R/C battery packs are the highest voltage I've been able to obtain from my 6-volt rated dynamo for recharging purposes. I selected 4.8 volts for several reasons. The QRP transceiver operates just fine at 14.4 volts with the 3 series connected 4.8-volt battery packs as does other radio equipment designed for 13.8-volt automotive systems. 4.8-volts is correct for operating and recharging electronics, which plug into a USB port. This includes Cell Phones and GPS units. My headlight and taillight also operate from the dynamo and batteries. Very little resistance is required to drop 4.8-volts to 3.6-volts for the 350mA Headlight LED and 1.9-volts for the 36mA taillight LED increasing the efficiency of both. There also much brighter than standard filament bulbs and don't burn out so you never need to carry extra bulbs.

(The circuit used is shown on the following page).

I did not include information about my QRP equipment or QRP operating as this article is really about charging batteries for the equipment I use. Articles about operating QRP abound here and on other sites.

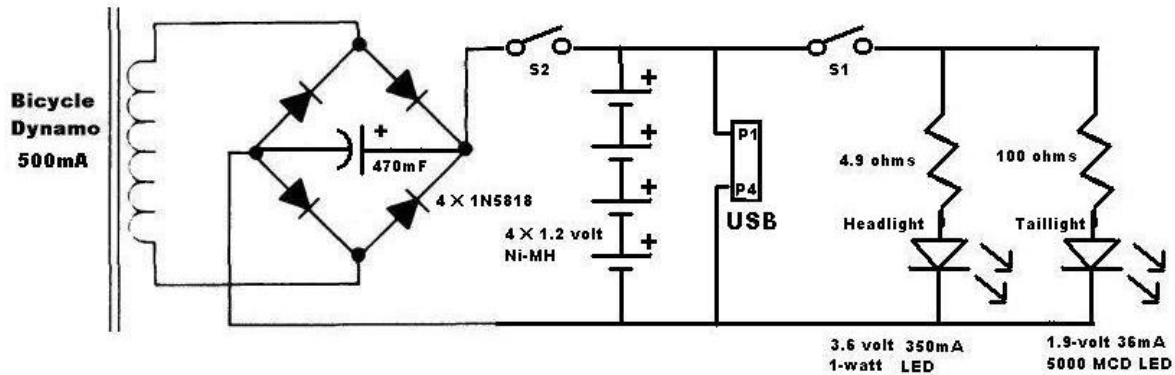
SOLAR UPDATE

Tad "There's a Reason for Sun, Shiny Sky" Cook, K7RA, this week reports:

Another quiet week, but strangely, like the previous

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)

week there was just a single sunspot appearing for one day, and it was also on a Tuesday. Just like the previous week, the daily sunspot number was 11, and then it went back to zero when the spot disappeared. No spots are expected in the near future. Geomagnetic indices have been quiet, but may become unsettled in the near term. Geophysical Institute Prague predicts quiet to unsettled conditions for November 16, quiet November 17, quiet to unsettled November 18, quiet November 19, quiet to unsettled November 20, unsettled to active November 21 and unsettled November 22. The NOAA Space Weather Prediction Center sees a planetary A index of 10 for November 16, 5 for November 17-19, 10 for November 20, 15 for November

21 and 10 for November 22. Sunspot numbers for November 8 through 14 were 0, 0, 0, 0, 0, 11 and 0 with a mean of 1.6. The 10.7 cm flux was 69.7, 69.5, 69.8, 69, 69.7, 69.9 and 70.4 with a mean of 69.7. Estimated planetary A indices were 3, 2, 3, 1, 2, 8 and 9 with a mean of 4. Estimated mid-latitude A indices were 3, 2, 2, 1, 2, 7 and 9 with a mean of 3.7. For more information concerning radio propagation, visit the ARRL Technical Information Service Propagation page <<http://www.arrl.org/tis/info/propagation.html>>. To read this week's Solar Report in its entirety, check out the W1AW Propagation Bulletin page <<http://www.arrl.org/w1aw/prop/>>.

Courtesy The ARRL Newsletter

Iraq Back on the Air

Diya Sayah, YI1DZ, President of the Iraqi Amateur Radio Society (IARS), announced November 13 that effective November 20, all Amateur Radio activity will be "back to normal" in Iraq. Sayah said, "All Amateur Radio operators in Iraq who carry a valid Iraqi license will be able to use their radios according to regulations of IARU Region 1 and the IARS." Amateur Radio activity in Iraq was suspended in March of this year, with the suspension affecting both Iraqi citizens as well as any foreigners -- including military personnel and contractors -- who have been on the air from Iraq. The request to halt all ham radio activity and the issuance of licenses in Iraq originated with a letter from the Iraqi Ministry of Defense to Iraqi Prime Minister Nouri al-Maliki as part of a new security plan, Sayah said.

Courtesy The ARRL Newsletter

➤ **ATLANTIC DIV. HAMFESTS - 2008**

- 23 Jan 2008 + BARC Minifest Baltimore Amateur Radio Club <http://www.gbhc.org> Timonium, MD Maryland State Fairgrounds Home Arts Building 2201 York Rd
- 27 Jan 2008 + MMARC 2008 Post Holiday Hamfest Maryland Mobileers Amateur Radio Club <http://www.mobileers.org/> Odenton, MD Odenton Volunteer Fire Department Hall 425 Annapolis Road (Route 175)
- 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

➤ **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 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.

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	28.440 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.

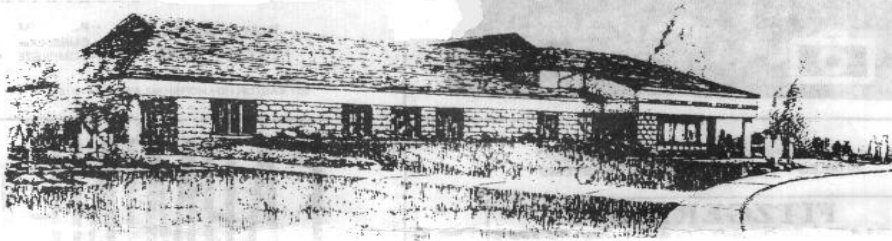
2007 Officers

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 '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			
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

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