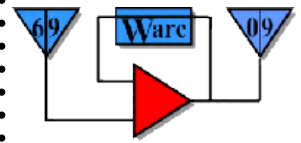




FEEDBACK



Web Site k3dn.org

Warminster Amateur Radio Club

December 2008

Next Meeting December 4th - Annual Holiday Dinner

Minutes for the General Membership Meeting November 6, 2008

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

INTRODUCTIONS:

GUESTS:

Tonight's speaker; Rick Lamb from HRO.

MINUTES FROM THE OCTOBER 2, 2008 MEETING:

Accepted and approved as printed in the Feedback Newsletter.

NEW LICENSE:

Rudy Sawyer (KB3RWD) and Mark (KB3RWE) Congratulations!

GOOD AND WELFARE-

Tom (WA3TQJ) has been readmitted to Abington Hospital. A Get Well Card was passed around and signed.

TREASURER REPORT- Denise (KB3ANO):

As given

COMMITTEE REPORTS:

PUBLIC SERVICE- George (N3HBT):

- 1) Sunday November 23 - Holiday Parade in Hatboro from noon to 4:30pm. About 12 radio operators needed, rain or shine. A sign-up sheet was available at the meeting.
- 2) Thanksgiving Day 2009 - Run at Core Creek Park in Newtown 8am to 11:30am. Meet at the Summit Square Shopping Center. Please bring a non-perishable food item to be donated to the Bethana Village in Southampton.

See Doc (W3GAD)

MEMBERSHIP- Mark (WA3QVU) and Michelle (KB3MTW):

There are currently 111 paid-up members. 43 members have not renewed in 2008.

CLASSES- Rich (KB3NRL):

Rich has made a suggestion of offering an Amateur Extra class for teaching and studying specific technical topics (portions) of the Amateur Extra study guide such as; using test equipment, Software Defined Radio, taking RF Measurement, etc... The classes will be held on Monday nights that should begin in December.

REPEATER- Brian (N3EXA):

No Report

LIBRARY- Bill (K3ZMA):

A lot of new books, especially antenna books and vintage magazines, have been donated are available to members for loan.

PROGRAMS- Larry (WA3ELO):

February 5, 2009- Club Auction. An auctioneer is needed.

If anyone has any suggestions for future club meetings, please see Larry. For all other Programs, see those listed above in the FEEDBACK Newsletter

OLD BUSINESS:

ALS walk on November 8, 2008 at Citizens Bank Park in Philadelphia from 10am to 3pm. See Bob (K3SRO)

NEW BUSINESS:

- 1) The club archives need to be located. Frank O'Neill (N3UQP) is no longer serving as the club archivist. A new club archivist is needed.
- 2) Dan (KB3IBQ) will take over as the club's Publicity person.

3) Anthony and his wife will be making a career move to Texas. Anthony's last meeting will be December.

50/50:

Adam (KB3JCP)

REFRESHMENTS:

Doc (KA3RAU) and Randy (N3LGE)

Business portion of the meeting adjourned at 8:00 pm

TONIGHT'S PROGRAM-

Rick Lamb from HRO brought the club up to speed about today's Amateur Radio equipment.

ALINCO- No longer supporting older equipment

KENWOOD- Poor service on older equipment

ICOM- Soon to introduce two new HF radios. Company provides good service on the East Coast. D-Star is selling well, but they are expensive and appeal to a niche market.

YAESU- The largest selling radio at HRO; both HF and Mobile. They are hit and miss on their service. They are not servicing their older radios.

(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 4, 2008 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 8, 2009* Digital TV Night

On February 17, 2009 all analog TV broadcasts will cease in the United States and all TV stations will be required to broadcast in digital format. Bill Weber, VP for Content Distribution & Chief Technology Officer for WHYI will give us an overview and the technical details of digital TV broadcasting, as well as information on the consumer options that are available. Don't miss this informative and timely presentation.

(*January 1 is New Years Day, so our meeting will be held on January 8.)

Thursday February 5, 2009 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.

Thursday March 5, 2009 TBA**Thursday April 2, 2009 ARRL Night**

Norm Fusaro W3IZ, Assistant Manager of the ARRL Membership and Volunteer Programs Department, and Dennis Dura K2DCD, ARRL Emergency Preparedness and Response Manager, join us for a very informative program on what is happening at the ARRL and in ham radio. A question and answer session is included. Mark this on your calendar now – this is one meeting you do not want to miss.

Thursday May 7, 2009 Nomination of Officers/TBA**Thursday June 4, 2009 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.

(Continued from page 1)

USA Built Radios:

TEN-TECH- DSP, Broadband and High-End radios. They provide the best service in the industry.

ELECRAFT K-3- Build your own (no solder/modules), long lead time to purchase. K-2 is still available but

requires soldering.

FLEX RADIO-

HIBERLING- RIP (Dead)

Rick Recommends:

- 1) Do not buy a solid state amplifier, use tube-type only.
- 2) Inventory all of your ham gear and determine what it is worth. This will help you sell it faster later or help your estate get a more equitable price if they sell it.
- 3) If trading in a radio, clean it! Cleaning will prevent an additional charge, resulting in a higher trade-in value.
- 4) Save the box! It could be worth an additional \$25 to \$30 in trade-in value.
- 5) If downsizing or moving to a

smaller location, determine your future needs especially antenna placement.

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 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.

HOLIDAY DINNER

The WARC holiday dinner will be held at the Wilson senior center on

(Continued on page 3)

Thursday, December 4, 2008. Dinner will be served at 6:30 pm and the cost is \$10.00 for each adult club member and \$5.00 for children under 12 years of age. All money MUST be in by the November meeting.

FOR SALE

Twenty (20) foot aluminum 2 inch schedule 40 mast with a slight bend at the 4 foot area \$45.00. Contact George N3HBT at (215) 443-5656.

SOLAR UPDATE

Tad "We lived, felt dawn, saw sunset glow" Cook, K7RA, this week reports: We soon may be talking about a day or two without sunspots as the norm, perhaps when looking at a preceding month -- quite the opposite of noting the few days with sunspots. It seems like a long time ago because of the long strings of spotless days. We saw eight days in a row with visible sunspots around mid-October, followed by another eight days around the start of November, then after just three days of no spots. By the end of today -- Friday, November 14 -- we may see five straight days, possibly followed by more. Sunspot numbers for November 6-12 were 11, 0, 0, 0, 16, 18 and 21 with a mean of 9.4. The 10.7 cm flux was 68.6, 67.8, 68.3, 68.4, 69.3, 71.4 and 70.9 with a mean of 69.2. The estimated planetary A indices were 1, 8, 14, 12, 3, 1 and 2 with a mean of 5.9. The estimated mid-latitude A indices were 0, 7, 11, 10, 3, 1 and 4 with a mean of 5.1. 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/>>. This week's "Tad Cookism" brought to you by Lieutenant Colonel John McCrae's "In Flanders Field" <<http://www.arlingtoncemetery.net/flanders.htm>>.

Courtesy The ARRL Newsletter

ARRL TO OFFER SELF-STUDY COURSE ON DIGITAL TECHNOLOGY FOR EMERGENCY COMMUNICATIONS

With digital technology becoming an integral part of Amateur Radio, hams interested in Emergency Communications now have a new tool to help them take advantage of emerging modes such as Packet Radio APRS, Winlink 2000, IRLP, EchoLink and WIRES-II, D-STAR, APCO25, HF sound card modes and Automatic Link Establishment (ALE). "The ARRL Digital Technology for Emergency Communications Course" will introduce hams to all of the ways Amateur Radio operators are using digital technology as a valuable emergency communications tool <<http://www.arrl.org/catalog/?item=1247>>.

Written by ARRL Publications Manager and QST Editor Steve Ford, WB8IMY, this self-study CD-ROM will answer such questions as:

- * Can you transfer supply lists or personnel assignments between emergency operations sites?
- * Can you get critical e-mails to the Internet if a connection goes down?
- * Can you relay digital images of damage at specific locations?
- * Can you track the locations of emergency personnel and display them on computer maps?

Illustrations, screenshots, Internet links and audio files are used to demonstrate transmission modes and equipment configurations. Bite-sized learning units and interactive knowledge checks make learning interesting and fun!

"This course is a great starting point for anyone interested in the public service applications of digital communications technology," said Ford. "The ARRL Digital Technology for Emergency Communications Course" is available from the ARRL for only \$49.95.

Minimum System Requirements for

CD-ROM -- Microsoft Windows Vista/XP/2000/NT/98/95 or Apple OS X; 200 MHz processor; 32 MB RAM; sound card and speakers; 4-speed CD-ROM drive or higher. Requires Web browser -- Microsoft Internet Explorer 6.0, Mozilla Firefox 2.0, Apple Safari 3.0 or later versions. Some documents require Adobe Reader.

Courtesy The ARRL Newsletter

IBM TEAMS UP WITH BPL PROVIDER TO OFFER SERVICE IN SEVEN STATES

On November 12, IBM announced that it has signed a \$9.6 million deal with International Broadband Electric Communications (IBEC) to install equipment and provide BPL service to almost 350,000 homes in Alabama, Indiana, Maryland, Pennsylvania, Texas, Virginia, and Wisconsin. According to the Associated Press, IBEC Chief Executive Scott Lee said the network, which will be funded by \$70 million in low-interest federal loans from the Department of Agriculture, should be in place in about two years. IBEC currently provides broadband to only about 1400 customers, most of them beginning to receive service in the past 18 months.

"IBEC's equipment doesn't use the ham bands," said ARRL Laboratory Manager Ed Hare, W1RFL, "making it less likely that they will have any interference complaints from amateurs. Their equipment, however, does interfere with shortwave broadcast and other spectrum, but in the US, not many users have complained. IBM has been in the BPL business for a few years now, so this venture is nothing new for them." IBEC staff member Brent Zitting, KB4SL, serves as a member of ARRL's EMC Committee.

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.

IBM is the first major systems integrator to enter the market. According to an IBEC press release announcing the joint venture, IBM will provide overall project management, oversight and training of the line crews who will be installing the BPL equipment. IBEC will provide the BPL technology and equipment and serve as the Internet Service Provider (ISP) to these rural residents.

A 2006 FCC study reported that fewer than 5000 homes receive their Internet connections via power lines. IBM and IBEC's joint plan, Lee said, will serve residents, of whom about 86 percent have no cable or DSL access, in the seven states.

According to reports, IBEC's strategy is to sign up electric cooperatives that provide power to sparsely populated areas across the eastern United States. Rather than compete toe-to-toe with large, entrenched cable or DSL providers, IBEC is looking for customers that have been largely left out of the move to high-speed Internet.

"Although the BPL industry is making progress on the EMC issues," Hare explained, "this process will not be complete until it supports regulations and industry standards that reflect its successful models. At recent meetings of the IEEE P1775 BPL EMC standards committee -- although utility and radiocommunications stakeholders wanted to include an informative annex on the ways to address BPL interference, as well as a procedure to address complaints -- some in the BPL industry, including the representative from IBEC, blocked moving the EMC standard to IEEE ballot with the annex included."

Courtesy The ARRL Newsletter

ASK PERRY: WHY IS THE ARRL IN CONNECTICUT?

Every once in a while, ARRL Archivist Perry Williams, W1UED -- a rich source of information about the early days of the League -- runs across

a question that really needs an answer. Earlier this month, someone posed this question to Perry: Why was Connecticut chosen as the site for ARRL?

"To answer that question," Perry explained, "consider a parable: Why did the tree choose to grow in this forest? Because that is where the seed fell on fertile ground. The seed that became ARRL fell on Hartford, Connecticut in 1914. When it sprouted, it was cultivated initially by two men: Hiram Percy Maxim, 1WH (he became W1AW after World War I), and Clarence D. Tuska, 1WD, who was still in his teens when the League began.

"Maxim was an inventor in a family of inventors, an industrialist. He was founder of the Maxim Silencer Company, making devices to keep firearms and engines quiet, as well as a principal in a company involved first in making bicycles and then autos. He was also a writer with an early interest in motion pictures (he was also founder of the Amateur Cinematographic League) and on and on. Most of these activities were in or near Hartford, where he lived with his family.

"Tuska manned the hoe and trowel around the ARRL seedling. Soon after the ARRL's founding, Maxim settled in as President, an office he held until his death in 1936. In those early days, Tuska served as Secretary. Together, Maxim and Tuska founded the magazine QST as a private venture in 1915 out of their own pockets; Tuska was its Editor until the United States got into WWI and amateurs were taken off the air. Tuska closed down the 'offices' of ARRL and QST -- they were in his mother's kitchen -- and joined the Army." Williams said that the story doesn't end here -- to find out more, please see "Two Hundred Meters and Down," by Clinton B DeSoto, W1CBD (SK) <<http://www.arrl.org/catalog/?item=0011>>.

Williams continued: "By the time the Tree had grown to the point to merit relocation elsewhere (this issue

has been examined many times by the ARRL's elected, unpaid Board), transplanting it never came out as feasible: The Hartford-area roots were too deep."

Courtesy The ARRL Newsletter

SATELLITE SERVING AS VOICE REPEATER EXPECTED TO GO QRT BY END OF YEAR

Launched in January 1990, AMSAT-OSCAR 16 (AO-16) -- a digital satellite -- has been operating as a voice repeater since January 2008, using FM voice on the uplink and transmitting DSB voice on the downlink (best received on SSB) <<http://www.arrl.org/news/stories/2008/01/23/100/>>. But according to the satellite's command team, the satellite's orbit might force this to end sometime before the end of the year.

According to Mark Hammond, N8MH, a member of the AO-16 command team, AO-16 has a hardware/watchdog timer that resets the satellite and shuts the transmitter down. This timer in AO-16 will fire -- and cannot be reset -- when the satellite's temperature is 15 degrees Celsius or cooler. When the timer "fires," it shuts down the transmitter. "When the bird's temperature is more than 15 degrees Celsius," Hammond said, "the hardware timer behaves and continuous operations are sustained."

The satellite's temperature depends upon solar illumination. Hammond said that the "magic number" is around 85 percent of the orbit in sunlight: If the orbit provides AO-16 with less than 85 percent illumination, the spacecraft's temperature falls below 15 degrees and the hardware timer fires. "Illumination projections, as well as subsequent temperature predictions, suggest that we might be able to sustain operations until sometime in the window of November 22 until December 4, 2008," Hammond predicted. "So if you want to make some AO-16 contacts, you had better get them as soon as possible!"

Hammond said that long term-orbital projections suggest that if the satellite

(Continued from page 4)

hardware remains fundamentally unchanged -- such as no deterioration of on-board components -- "it will be nearly 10 years before AO-16 receives sufficient illumination to warm up the spacecraft enough to again support sustained operations."

It is possible that the transmitter on AO-16 will turn off sometime in the next few days or weeks, Hammond said. "This requires some commanding to get it running again, meaning a pass over the eastern coast of the United States is required for a change in operational status. We expect that as the spacecraft cools down, transmitter shutdowns will become more frequent. You can be sure that we'll continue to probe the craft with commands, in hopes that something will change in a good way that will allow us to use the bird for operations of some sort."

AMSAT Vice President of

Operations Drew Glasbrenner, KO4MA, said the satellite hears very well; the reduced bandwidth by using either USB or LSB on the ground station receiver "allows for a very robust downlink. Tuning the downlink is just like on a linear transponder, meaning it is tight and with fast Doppler. Uplink tuning is not required, just as with the FM mode V/U satellites. My personal observations include being able to access and hear the satellite within one degree of the horizon, much lower than any other current bird for my location [in Florida]. This should be an easy satellite with omni antennas and a 70 cm preamp."

AO-16's uplink is 145.9200 MHz FM; the downlink is 437.0260 MHz SSB. Users are asked to restrict their uplink power to a reasonable power level, and not to transmit without being able to hear the downlink; all general single-channel guidelines apply. "Enjoy this grand old bird while you can!" said Hammond.

Courtesy The ARRL Newsletter

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 jmcclloskey@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@arrrl.net

2008—2009 Contest Calendar

December	5 - 7 ARRL 160 Meter Contest Rules 13 - 14 ARRL 10 Meter Contest
January	17 - 19 ARRL January VHF Sweepstakes
February	21 - 22 ARRL International DX Contest (CW)

➤ **ATLANTIC DIV. HAMFESTS - 2009**

25 Jan 2009 + Post Holiday Hamfest Maryland Mobileers Amateur Radio Club Odenton, MD Odenton Volunteer Fire Department Hall 1425 Annapolis Road (Rte 175)

28-29 Mar 2009 + Greater Baltimore Hamboree & Computerfest Baltimore Amateur Radio Club <http://www.gbhc.org> Timonium, MD Maryland State Fairgrounds 2200 York Road

18 Apr 2009 + York Spring Hamfest York Hamfest Foundation <http://www.yorkhamfest.org> Dover, PA Brookside Park 4054 Fox Run Road

3 May 2009 + Warminster Amateur Radio Club <http://www.k3dn.org/hamfest.htm>

Wrightstown, PA Middletown Grange Fairgrounds 576 Penns Park Road

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

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 Bueggers
- 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

D-STAR

- 447.625 K3PDR DStar DV

6 Mtr

- 53.030 WA3BXW
- 53.230 N3DQZ
- 53.320 K3MFI



*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: Rich Enwright at 215-357-9055 or George Brechmann at 215-443-5656

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 '09	Rich Enwright	KB3NRL	357-9055
Hamfest '09	Michael Davis	KB1JEY	646-6011
January '09 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	Rich Enwright	KB3NRL	357-9055
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	Adam Huffnagle	KB3JCP	442-9526
Hamwear	Burt Ludin	N3YVH	267-781-0603
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.

For general club correspondence:

k3dn@k3dn.org

For Feedback articles:

wa4ywm@comcast.net

Visit our Home Page at:

<http://www.k3dn.org>

**Federal Communications
Commission**

1270 Fairfield Road
Gettysburg, PA 17325

License Information

800-322-1117 - M-F 0800-1630

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FEEDBACK

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Box 113
Warminster, Pa 18974

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