



FEEDBACK



Web Site k3dn.org

Warminster Amateur Radio Club

January 2010

Next Meeting January 7th - Lower Bucks Red Cross

President's Message



Looking Back, Looking Ahead

As we come to the end of one year and begin a new one, many of us take time to look back over the year that has passed to see just what we have accomplished. So let's take a look at what you, the members of the Warminster Amateur Radio Club, have done over the last twelve months.

First of all, we have continued to conduct as number of regular ongoing activities. There has been a club meeting every month where the members can conduct club business, socialize with each other, and experience an interesting presentation. A net has been in operation on our repeaters each Wednesday night where members can catch up on the latest announcements as well as check in with their own information and comments. Many of you may not realize that there has been a WARC net on 10 meters each Sunday night as well. The club has conducted a VE session each month (except August). Many new licensees have joined the ranks of ham radio, and many hams have upgraded their licenses through the efforts of the VE team. And, of course, the club has operated two repeaters 24 hours a day, seven days a week for use by our members and the general amateur community.

There have also been a number of one-time events throughout the year. Here are just a few of them. In February we conducted a successful auction to raise funds for the club. In the spring, our members participated in providing communications support for a number

of local events. In May, we held our annual Hamfest in Wrightstown. Our annual Field Day was held at the Shrine of C in June. During the summer, WARC members provided communications for the Moonlight Memories car show in Hatboro. The fall again brought the opportunity to provide communications support for several community events. And many of our members worked together with hams throughout the region to support the MS 150. Then, of course, there was our most recent event – the annual holiday dinner.

But the list of accomplishments throughout 2009 doesn't end there. We have maintained a membership of close to 130 hams throughout the year, and we have welcomed many new members to the club. We have been able to increase the size of our library through the generous donations of a number of our members. Thanks to the efforts of Brian N3EXA and Al WI3Z our repeater has shown continued improvement in coverage and dependability. Classes have been held in both the spring and the fall to bring new people into the hobby and to help hams upgrade their licenses. And there are still more things that I could put on the list.

So now we look forward to 2010. Hopefully many of the activities that were a part of 2009 will also be a part of 2010. But also hopefully we will find many new and exciting opportunities and challenges that will make the new year even better than the one we have just completed.

I wonder if you noticed what I wrote in the first paragraph. I said we would look at what you, the members of the Warminster Amateur Radio Club, have

accomplished. It was only through the efforts of the members that we were able to do so much in 2009. The "club" didn't do it, you did. Likewise, whatever the Warminster Amateur Radio Club accomplishes in 2010 will be through the efforts of you, the members. Are you up for the challenge?

73,
Ralph L. "Larry" Abbott WA3ELQ

Footnote: A look back at 2009 would not be complete if we did not look at some of the more difficult events. We have had to say good bye to some old friends and acquaintances who have become silent keys. They certainly will be missed. On behalf of the club, I want to express our condolences to the families of these individuals. Also, some of our members have gone through tough times this year. Some have lost jobs or have gone through difficult times financially due to the recession. Others have been battling serious health issues or problems within their families. Again on behalf of the club, I just want to let these folks know that their fellow club members are here to provide friendship and support.

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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 January 7, 2010 – Presentation by Lower Bucks Red Cross

Steven Huizar, who is the Emergency Services Director of the Lower Bucks Red Cross, will be making a presentation on the Red Cross. The discussion will be on Red Cross Emergency Services and how they work together with amateur radio.

Thursday February 4, 2010 – Annual 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. Mark / N3GNW will be the auctioneer and MC.

Thursday March 4, 2010 – Presentation by Brian / N3EXA on the Club Repeater

Over the last year, the K3DN repeater system has been upgraded with new features. Brian / N3EXA and Al / WI3Z will have some new equipment on hand, as well as some photos on the various repeater sites. The club is in the process of upgrading the remote sites, and adding one additional in Upper Bucks County. There is an Echolink upgrade which will be part of the system. This is the time to ask those questions about the system we all use.

Thursday April 1, 2010 – Still Open

Going once...going twice...Still Open

Thursday May 6, 2010 – Presentation by Ron / NY3J on Digital EmComm with NBEMS

Think back to your last public service event, drill, or deployment. You probably passed a lot of traffic best suited for voice communications but...What if you had been asked to pass a Roster of evacuees, Required prescription medications, Directions to a disaster scene. The needs of our Served Agencies have changed. They still need voice communications but...There's an increasing need for data communications. We need to be able to provide more than just voice communications from a ham with an HT. Ron / NY3J will introduce you to NBEMS (Narrow Band Emergency Messaging System).

Thursday June 3, 2010 – Club Election of Officers / Pizza Night / Home Brew Projects

This is a triple event. It's our annual Warminster ARC Election of officers. It's Pizza Night – always a hit, and it's that time of the year where you bring in your Home Brew that you have built, or are building. Last year we had the famous Spud Gun which was used at Field Day, and the Altoids tin QRP radio. What will we see this year?? Also this is the last meeting prior to Field Day, and we'll spend a few minutes on last minute issues.

(Continued from page 1)

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

\$10.00 annually to cover the costs of printing and mailing our monthly FEEDBACK newsletter. Please contact co-chair Mark Hinkel (WA3QVU) for more information.

ATTENTION MEMBERS

If you want to have your picture taken to be placed on the 'Members Photos' section of the www.k3dn.org website, please email Mark Hinkel at mrhinkel@verizon.net or myself Michelle at mal61@comcast.net with your interest. If we get enough people who are interested, I will pass the info on and then we will have camera ready at the following club meeting. Remember to bring your best face!"

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.

FOR SALE

Garmin Nuvi 350 GPS with mounting bracket, carrying case, usb cable, power outlet cable, and printed instructions. \$125.00. For information contact George N3HBT at 215-443-5656 or n3hbt@arrl.net.

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ESTATE SALE

I'm selling several items for the estate of N3SOO, Don.

Astron 35A Power Supply with an integral meter. This supply is in immaculate condition. \$95.00.

MFJ-260B 300W (30 sec) dummy load. 1 – 150 MHz. \$15.00.

Drake TV-3300-LP Low Pass Filter 1 KW. \$15.00.

There are other items which I will post on the club web site at a later date.

Jim, WA4YWM

215 538-1889, wa4ywm@k3dn.org

Extra Class Class

We recently finished an Extra class. Those who attended classes included; KBEOXW, N3IBX, KB3MTW, WA3JZN, KD3QL, KB3QAJ and KD3DI. The classes were held from 7 to 9 PM on Monday nights at the Ben Wilson Center. We looked into the how and why behind the questions asked in the license test. Topics included;

- AC/DC current, voltage, and power
- radio wave transmission lines, antennas and propagation
- signals and modulations
- circuit components and practical circuits
- FCC rules and license privileges

There was some show and tell. Circuit examples were shown and operation investigated with the use of test equipment. A homebrew AC to DC power supply was used to show rectification and the use of capacitors and inductors to filter unwanted frequencies. A linear transistor amplifier circuit shown in a test question was assembled and tested. We discussed the how and why of bias and amplification. I hope to get demonstrations like these to become permanent fixtures of the classes.

The next classes for Technician and General will begin on Monday March 1, 2010 and run for eight consecutive weeks. The classes begin at 7:30 PM and ends at 9.

Rich, KB3NRL

(Editor's Note: The following is included here courtesy of the Cheese Bits newsletter.)

Joe Taylor K1JT Interview from CQ Magazine

The following is an abridgement of the October interview of Packrat Joe Taylor by CQ Magazine . It was written by Rich Moseson.

"Excerpts reprinted with permission from the October, 2009, issue of CQ magazine; Copyright CQ Communications, Inc. "

The Big Picture...

.... We asked Joe what he sees -- from

his perspective as both a scientist and a ham -- about how the relationship between the two has (and has not) changed over the years, and about perceptions of science in society today.

K1JT: It was great that in the 1950s and early 60s, when you took apart a television set of those times, you basically could make out what everything was and what it did. Even the vacuum tubes -- we actually used to take a couple of the tubes that we knew we were not going to be able to use, wrap them in a towel or something and tap them gently with a hammer so that we could get the glass off and then take them apart, and you know, you could actually see that, here's the filament, here's the grid, here's the plate. This must be how it works. This was great. You can't do that with modern solidstate electronics but, and of course, you can't open up your automobile engine and see how it works the way we could in those days, either. That was, I think, I *know*, was one of the things that used to make it fairly easy for kids who were technically inclined to learn enough to get them started. You have to do it different ways today.

CQ: What are some of the different ways that you see?

K1JT: Well, I think that one of the reasons that is always given for it being more difficult to get kids into ham radio these days is that they play with computers instead. Basically the same

kind of kids that I think I was. Of course, there's nothing incompatible between that kind of technology and the kinds that we now use in ham radio as well, so I've been encouraging kids that I know that are into that kind of thing to do both. By all means, learn about computers - those are fascinating, they are a very central part of today's economy and commerce, but so is radio frequency electronics, with your wireless iPhones and everything else. And if you are interested in those sorts of things as a youngster and would like to learn more about them, a very good way to do that is to get yourself involved in this hobby of amateur radio.

It's still quite possible to build crystal sets, as we did, and it's very exciting to put together just a very small handful of parts and an earphone and run a wire out to a tree and pick up a radio signal, and once you've done that, you can discover that there are more complicated things you can do as well, and that often turns on a kid...

When I was a graduate student, if I was in a group, say at a scientific meeting with five or six radio astronomers present, typically half of them would be, would have ham licenses. That's less true today, but I think it's less true largely because of the phenomenon I mentioned earlier that means kids who are interested in technical things are much more likely to be computer-savvy these days than RF electronics savvy. We still get some of it in ham radio, and I definitely see the evidence of cross-pollination between the amateur interests and what become professional interests for some young developing scientists...

I fear that there has been, across the country, in at least a portion of the population, a kind of anti-intellectual, antilearning, sort of undercurrent in

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.

recent years. I would like to see that reversed. I would hope that the government can do things to somehow, not only improve the educational system but somehow improve the attitude toward what can be gained, what benefits are available to us if we can generate learning in all areas that will improve our economic competitiveness and be better for the overall well-being of the country.

SOLAR UPDATE

Tad "A friend to man, to whom thou say'st, 'Beauty is truth, truth beauty' <<http://englishhistory.net/keats/poetry/odeonagrecianurn.html>>" Cook, K7RA, reports: Yet another new sunspot group - number 1035 -- emerged this week, seemingly on top of group 1034, which has been visible since December 9. This sunspot group is quite active, and we may see a rise in geomagnetic activity on Sunday, December 20 with a predicted planetary A index of 15. For more information concerning radio propagation, visit the ARRL Technical Information Service Propagation page <<http://www.arrl.org/tis/info/propagation.html>>. This week's "Tad Cookism" brought to you by John Keats' Ode on a Grecian Urn <<http://englishhistory.net/keats/poetry/odeonagrecianurn.html>>. *Courtesy The ARRL Newsletter*

Major Computer Publication Devotes January 2010 Issue to Amateur Radio

Hams indeed are technical and creative people, consummate MacGyvers. In the past few months alone, George Smith, AA2EJ, won the Nobel Prize for Physics. *Computerworld* published John Edwards' article titled "Want to Bone Up on Wireless Tech? Try Ham Radio." Diana Eng, KC2UHB, has had her articles published in *Make Magazine*. Computer giant Hewlett-Packard published a Real Life article "Behind the Voices of Ham Radio." Steven Sande, KC0EZH, wrote "5 Mac Applications for Ham Radio Fans" for *TUAW* -- a Web site that calls itself "the unofficial Apple Weblog." APRS systems were the

theme of Joe Murphy's, N4PAT, video podcast. *Popular Mechanics'* Glenn Reynolds endorsed Amateur Radio in crises, referring people to the ARRL for information.

Now 2010 is just about here. To kick off the new year, computer magazine *Linux Journal* has come out with an entire issue dedicated to Amateur Radio and the creative uses of open source computer programs. This 80 page issue features Tux, the Linux mascot on its cover wearing a pair of headphones, holding a microphone -- and even sporting an Emergency Coordinator badge around his neck -- hooked up to an HF transceiver. The issue has headlines on the cover such as "Amateur Radio and Linux -- Open Source for the New Generation," and "Get Started with Amateur Radio," and includes articles like "When All Else Fails -- Amateur Radio, the Original Open-Source Project" by David Lane, KG4GIY.

You might wonder, "What is the connection between Amateur Radio and Linux?" The editors at *Linux Journal* answer that question, saying that "Linux may be the only O/S out there with an AX.25 packet radio protocol driver, and it's had it since forever. So blow the dust off your license and start reading."

Lane -- who blogs for *Linux Journal* on open source issues -- told the ARRL that the same day he posted "Open Source Ham -- Is That Like Free Range Chicken?" on his blog, he was chatting on Internet Relay Chat (IRC) with *Linux Journal* publisher Carlie Fairchild: "She said they were thinking of doing an Amateur Radio-focused issue -- what did I think? I said something to the effect of 'Did you see my post this morning?'"

Shortly thereafter, Lane posted on the ARRL's PR e-mail reflector to see if there was any interest in such an issue. "I was buried in positive responses," he said. "This was near the end of October and any articles

we were going to run with had to be in hand the first week of November. But the Amateur Radio community came through -- I forget now how many articles we received, but it was enough that we had some options, eventually choosing three articles to run in the issue. Within two weeks, we put a magazine together with a focus on Amateur Radio!"

Lane said that there is now a "virtual ham shack" on the *Linux Journal* Web site, as well as a forum where radio amateurs can get together and discuss the "hot topics" of Amateur Radio. "The folks at the *Journal* have tasked me with keeping the focus on them and keeping them 'lively,' so any help is appreciated," Lane told the ARRL. "In recognition of *Linux Journal's* efforts, I have awarded them the Prince William County (Virginia) ARES®/RACES Challenge Coin. This recognition is a way of rewarding members of Prince William County ARES®/RACES who have gone above and beyond the call of duty or for those that have aided the cause of Amateur Radio." Lane is the Emergency Coordinator for Prince William County.

Linux Journal can be found on newsstands now. While some articles in the issue can be read online by the general public, most are available only to subscribers.

Courtesy The ARRL Newsletter

NOW YOU KNOW!: SANTA'S A HAM!

By ARRL News Editor S. Khrystyne Keane, K1SFA

For 37 years, Mickey Hicks, WO6T, played Santa Claus to hundreds of children. These children never sat on Santa's lap to tell him that they had been good boys and girls and what they wanted for Christmas. They did it in a much more simple way -- they picked up a microphone and told Santa on the air. Each year, Hicks, a ham for almost 50 years and a long-time Amateur Radio instructor, would get on the air for 10 days each

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December as W6S (Whiskers-6-Santa). Unfortunately, Hicks became a Silent Key earlier this year. Hicks said that the first year he operated as W6S was a hit with the operators -- and their children. Most children, he noted, are a bit apprehensive of talking over the radio, let alone to Santa. One of the most challenging parts of operating was when he heard a parent say "This one is shy and won't talk." That was never a problem for Hicks -- after a few warm-up questions, such as "Can you say hello to Rudolph?" -- he said he could strike up a conversation that lasted a few minutes.

He had even heard back from parents that they weren't able to get the microphone away from the kids afterward!

Back in 2001, Hicks told the ARRL <<http://www.arrl.org/news/stories/2001/12/21/3/?nc=1>> that his Santa's Workshop was a great ham radio recruiting tool. One of his most memorable experiences was when a young girl he'd once

spoken with on the air as Santa came by with her ham ticket in hand to thank him in person for getting her interested in Amateur Radio. "I had tears in my eyes, of course," he said. One of the most enjoyable moments of Hicks' Santa career occurred when he was speaking with a young child and realized he had spoken with their parents and grandparents when they were youngsters!

Mark Slater, WI6J, was Hicks' QSL manager. With the blessing of Hicks' wife, son and daughter-in-law, Slater will carry on the W6S tradition for 2010 and beyond. "Mickey's shoes are so much bigger than I could ever hope to fill," he told the ARRL, "but I know Mickey would have wanted Santa to keep getting on the air and speaking with the children." Slater said you can find him most evenings, as well as the weekend of December 19-20, on 14.270 MHz, Santa's favorite frequency. Santa is a ham -- now you know!

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 2009 test fee is **\$15.00**.

Warminster Amateur Radio Club, Monthly, Last Wed. 7:00 pm at the Warminster Recreational and Educational Center on Little Lane.

George Brechmann (215) 443-5656.

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

jmccloskey@msn.com and by phone 215-275-2979.

Lansdale, PA Testing on the first non-holiday Tuesday of the month starting at 7:00 PM. The Lansdale Library Community Room Vine St. and Susquehanna Ave. Lansdale, Pa. Registration is required 48 hrs. or more before the scheduled exam date. If there are no registrations the scheduled exam date will be canceled. NO WALK-INS. You can register by contacting:

Olaf N. Markert ----- Phone (610) 517-5074, E-mail w3pa@arrl.net

2010 Contest Calendar

January	1 Straight Key Night 2 - 3 ARRL RTTY Round-Up 23 - 25 ARRL January VHF Sweepstakes
February	20 - 21 ARRL International DX Contest (CW)
March	6 - 7 ARRL International DX Contest (Phone)

➤ ATLANTIC DIV. HAMFESTS - 2010

16 Jan 2010 + HRAC Winter Fest Harrisburg Radio Amateur Club

<http://www.w3uu.org> Harrisburg, PA Paxtang Firehouse

3423 Derry Street

27 Jan 2010 + FREE Mini-Fest Baltimore Amateur Radio Club

<http://www.gbhc.org> Timonium, MD

Maryland State Fairgrounds 2200 York Road

31 Jan 2010 + 2010 Post Holiday Hamfest Maryland Mobileers Amateur Radio Club <http://www.mobileers.org> Odenton, MD

Odenton Volunteer Fire Department Hall 1425 Annapolis Road (Route 175)

27-28 Mar 2010 * Maryland State Convention (Greater Baltimore Hamboree and Computerfest) Baltimore Amateur Radio Club <http://www.gbhc.org>

Timonium, MD Maryland State Fairgrounds 2200 York Road

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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

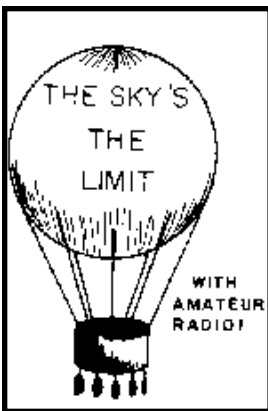
Bucks County SKYWARN Weather Spotter PRIMARY FREQUENCY: 147.300MHZ (+ 131.8)
 Fairless Hills, PA (many remote access locations throughout Bucks County)

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, Richard Luce AG3L
 215-441-8264



*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.

**Technician Class:
 Starting March 1, 2010 (First Monday) at 7:30 – 9:00 pm for 8 weeks.**

For further information contact: Rich Enwright at 215-357-9055 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

D-STAR

- 447.625 K3PDR DStar DV

6 Mtr

- 53.030 WA3BXW
- 53.230 N3DQZ
- 53.320 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. This net is linked as shown in the Net Schedule box for the Wednesday night net. It may also be linked to 147.300.

Gateway 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. Wednesday	2030	Linked w/ 2 Meter Net	53.230 Rptr.
Sunday	2030	Informal Net	223.5 Simplex
Thursday	1900	Mont. Cnty RACES Net	146.835 Rptr.

Are you submitting an article for the Feedback ?

Contributions of articles to be published are always accepted for consideration. Please follow these guidelines:

- Submit in IBM format on a floppy disk.
- Or via E-Mail to:
wa4ywm@comcast.net
- Or via snail mail to:
FEEDBACK EDITOR
Warminster Amateur Radio Club
Box 113
Warminster, Pa 18974
- Use both upper and lower case letters.
- Use your program's spell check.
- If you don't have a computer, then typewritten sheets are o.k, but please use both upper and lower case.
- Put your name and call at the beginning or end of the article, and show credits if you are using material from another source.
- Deadline for articles is the Thursday after the Club meeting.
- Volunteers are needed for folding at the Board Meeting, Ben Wilson Center, last Thursday of the month, 7:30 PM.

Bucks Bagels
1179 York road (RT. 263)
Warminster, PA
674-1400

"Home of the fresh, not frozen dough"

The annual dues rate structure is as follows:

Full Member: \$ 20.00
2nd Family Member: \$ 10.00
Student: \$ 10.00
Alumni: \$ 10.00
Associate: \$ 5.00

- Are your dues current ?
- Check the date on your Feedback mailing label.

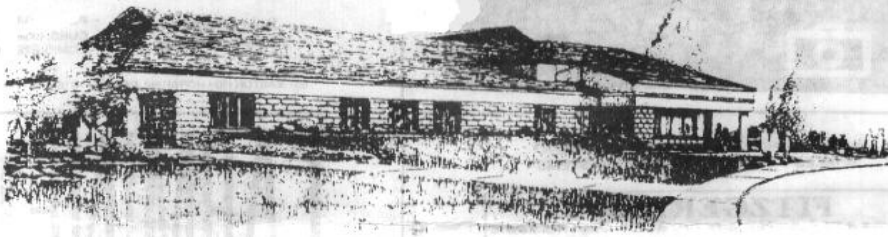
2009 Officers

Executive Officers

President	Larry Abbott	WA3ELQ	215-443-7521
Vice-President	Richard Luce	AG3L	215-441-8264
Secretary	Frank Clayton	WD0ESL	215-957-2343
Treasurer	Richard Luce	AG3L	215-441-8264
Director (E)	Michelle London	KB3MTW	215-672-7578
Director (E)	Mark Kempisty	N3GNW	215-953-1493
Director (A)	Al Konschak	WI3Z	215-491-9941
Director (A)	Michael Davis	KB1JEY	215-646-6011
Past President	George Brechmann	N3HBT	215-443-5656

Committee Chairpersons

Archives	Burt Ludin	N3YVH	267-781-0603
ARES Liason	Denise Burstein	KB3ANO	215-355-1150
Arlr Liason	Richard Luce	AG3L	215-441-8264
Awards Manager	Vince Pironti	KD3TC	215-674-0446
Classes	Rich Enwright	KB3NRL	215-357-9055
Digital and APRS	Ron Wenig	NY3J	215-638-9257
DXpedition	Doc Whitticar	W3GAD	215-968-6397
Feedback Editor	Jim Elmore	WA4YWM	215-538-1889
Field Day 09	Rich Enwright	KB3NRL	215-357-9055
Fundraising	Adam Huffnagle	KB3JCP	215-442-9526
Hamfest 09	Michael Davis	KB1JEY	215-646-6011
Hamwear	Burt Ludin	N3YVH	267-781-0603
Holiday Dinner	George Brechmann	N3HBT	215-443-5656
Interference	Mark Kempisty	N3GNW	215-953-1493
Membership	Michelle London	KB3MTW	215-672-7578
Membership	Mark Hinkel	WA3QVU	215-659-4449
Net Manager	George Brechmann	N3HBT	215-443-5656
PA QSO Party	Mark Kempisty	N3GNW	215-953-1493
Publicity	Dan Myers	KB3IBQ	215-957-2343
RACES Liason	Chris McCormack	N3JHR	215-969-2626
Refreshments	Doc Morein	KA3RAU	215-542-0593
Refreshments	Randy Gehman	N3LJE	215-822-9473
Repeater Cooridinator	Brian Taylor	N3EXA	215-257-6303
Satellite	Joe Bagnick	N3EMA	215-997-2539
Skywarn Liason	Mike Patton	W3MJP	215-491-9665
Station Trustee	George Brechmann	N3HBT	215-443-5656
Sunshine Club	Vince Pironti	KD3TC	215-674-0446
Township Liason	George Brechmann	N3HBT	215-443-5656
VE License Testing	Larry Abbott	WA3ELQ	215-443-7521
VHF/UHF/MW	Al Sheppard	N3ITT	610-847-5490
Website Coordinator	Al Konschak	WI3Z	215-491-9941
Youth Programs	Richard Luce	AG3L	215-441-8264
Youth Programs	Steve Larson	WW3Y	215-822-1511

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

Fax-On-Demand 202-418-0177

FEEDBACK

Warminster Amateur Radio Club
Box 113
Warminster, Pa 18974

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