



FEEDBACK



Web Site k3dn.org

Warminster Amateur Radio Club

January 2011

Next Meeting January 6, 2011 – NAWC Museum Presentation

President's Message

Here it is January 2011 already, and the beginning of another big year for our Warminster Amateur Radio Club. First, on behalf of the Warminster ARC Board of Directors, I want to thank everyone for a superb annual dinner in December. Our family had a great time.

Also special thanks go out to our club Vice President Irwin / KD3TB, who along with George / N3HBT made all of the arrangements. In addition, we want to thank Burt / N3YVH our Master of Ceremonies, who put together the music and dinner program.

Operating activities abound this January. For those who want to try digital HF, there's the ARRL RTTY Roundup. Later in January we have the ever popular ARRL January VHF-UHF Sweepstakes. Check the ARRL website for frequencies and times for both. In the January QST the events are listed on page 84. These activities are a great way to help in making those contacts for the Worked All States award.

At the February Club meeting we have scheduled the Annual Auction with Mark / AA3K as the honorary auctioneer. Right now is the time to clean out your shack for those items to be auctioned at this annual event. The annual auction financially benefits our Warminster ARC as those items are donated to the club with the proceeds going into the club treasury.

The year 2011 represents the 300th anniversary of the founding of Warminster Township. In March the senior center will be the location of "A Taste of Warminster" where up to 20 Warminster restaurants will set up shop in the senior center offering samples of their special cuisine. The low cost to get in is \$10. Our residents and guests can spend the day sampling the best food/beer/wine available. So support the Township and enjoy the cuisine and string bands.

In short order May 1, 2011- the first Sunday in May will be here and it will be time for our annual Hamfest at the Middletown Grange in Wrightstown Township. Mark / WA3QVU volunteered to be Hamfest chairman again – but he needs YOUR HELP. Please speak to Mark and volunteer as this is the main means of support for the club. Mark will soon be posting the sign –in sheet – so please be generous with your time in making this another success.

In June we have 2 nice events. First we have a special events station at the Union League in Philadelphia. This will be a 24 hour operating event with accommodations at the Union League. The special event station coordinators are Doc / K3RAU and Irwin / KD3TD. Later in the month of June of course we have the Field Day events at the Shrine of Our Lady of Czestochowa. This is the premier operating event of the year. Mark / AA3K will be the chair of the field day event.

Another big event for the club is two weekends in September. That is Labor Day weekend and the following weekend. These of course are the events at Shrine of Our Lady of Czestochowa in New Britain Township. The coordinator for this event is Bert / N3YVH. It really is a nice time to enjoy the festivities and the events.

For years the shrine has helped the club during June for Field Day and we reciprocate by helping them with communications. Afterwards in November, we get to join the other volunteers at a very nice THANK YOU dinner hosted by the Pauline Fathers.

Running a club as active as Warminster ARC is a big task and we try to spread the varied duties around as much as possible. Mark / WA3QVU and Michelle / KB3MTW have signaled to me that they need some help with membership. Organizational skills and some familiarity of database programs is a help. In addition, we are looking for a club treasurer. If interested in any of this, please contact Rich / AG3L.

Thanks again for all you do for the club; I and the board certainly appreciate the efforts – so let's make 2011 a very active year.

Richard J Luce / AG3L
Club President / Treasurer

January Meeting

Our January meeting will feature a presentation on the Johnsville Centrifuge & Science Museum located on the former Naval Air Development Center (NADC) site. For those of us who are old enough to remember, or history buffs, this was the site of the largest human centrifuge ever built and where the Mercury, Gemini and Apollo astronauts trained to understand the effects of high G-forces on the human body. The museum's goal is to establish a world class educational facility that will inspire local students to pursue engineering and science careers to ensure America's future technological leadership.

Mark this date in your calendar so you don't miss this great presentation on an important piece of history located in our area.

Of course our meetings feature the famous coffee, soda and donuts provided by Doc and Randy.

Best wishes to everyone for a joyous and warm holidays; and a happy new year.

Thanks,
Irwin Darack - KD3TB
WARC Vice President

Warminster Amateur Radio Club Members,

The Frankford Radio Club (FRC), a premier radio sport contesting organization located in our area, announced today that they are donating a complete radio station to a licensed amateur radio operator who wishes to get started in the contesting experience, but is unable to put a station together. The station is being donated by the club president, Ray Sokola, K9RS. The station will consist of the following used radio equipment:

- • Yaesu FT-840 HF Transceiver
- • Samlex 1223 23 amp Power Supply
- • Hygain aV-620 6M to 20M Vertical Antenna
- • Bencher Paddle, Keyer, Coax, Mic, etc.



Although used, this is a great starter station and will allow the operator to get on the air for both SSB and CW contests, and other HF activities.

Applications are now being accepted and must include the following information:

- • Name
- • Call Sign
- • Contact Information – Email and Phone Number
- • One Page (or less) on why the applicant feels he/she is deserving of a station to get started in contesting

Applications should be sent to: Mark Kempisty, AA3K, at aa3k@arrl.net and must be received no later than February 15, 2011.

(Continued on page 4)

CLUB INFO

PUBLIC SERVICE

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

Welz CT150 coaxial termination	\$30	Bushnell field glasses	\$25
Kenwood RD-20 dummy	\$15	Drake surge shunt model 1549	\$5
Dixon redimark felt tip marker	\$.50	female to female BNC connector	\$.50
Micronta SWR/power meter	\$15	Spool of solder (silver)	\$3
male UHF to female BNC connector	\$.50	Radio Shack six outlet power strip	\$5
Small bench vise	\$5	2005 & 2006 arrl periodical CD's	
Astron RS-35A power supply	\$80		

Contact Don Rector W3UBF Phone: 215-393-4642

Email: byronrector@verizon.net

Since the beginning, FRC members have been leaders in both operating and technical excellence in pursuit of dominance in the sport of amateur radio contesting. The FRC has historically been at the top of the club competitions in the major DX contests. In addition, its members hold many contest records either individually or as part of multi-operator efforts, both US and Worldwide.

In addition to offering this complete station to a deserving new contester, FRC welcomes new members who would like to be part of the contesting experience. FRC members compete in at least two of the four major ARRL and CW Worldwide SSB and CW radio contests. Participation can be at an individual's own station or as part of a multi-operator effort at some of the best equipped and competitive stations FRC members have. FRC members also provide excellent mentoring for both new and experienced contest operators. FRC meetings are held monthly and the location can be found on the FRC website, <http://gofrc.org/frctest/>. FRC membership applications can be found at <http://gofrc.org/frctest/node/46> and send to k9rs@yahoo.com.

Both myself, Irwin (KD3TB), Andy (KD3RF), Mark (AA3K) and Ken (NE3C) are all members of both the Warminster Amateur Radio Club and FRC.

For more information on contesting and FRC, please feel free to contact me.

Irwin Darack - KD3TB
Vice President, Warminster Amateur Radio Club
idarack@gmail.com

**An Interview
with Andy Vavra KD3RF
and Irwin Darack KD3TB**

Questions and Answers for the HP in Real Life Story Program

About a year ago, in late 2009 HP ran a contest seeking real-life stories about how their computers were used by "real people". Anyone could enter the contest, and if selected they would be featured in a series of stories on the HP website.

After a quick check, Irwin and I decided that the VE2DXY mini DXpedition to Canada would make a good story and we sent an entry in to the contest. Not long after we were contacted by an HP representative to notify us that we had been selected as one of 5 winners in the contest and would be interviewed by a HP in Real Life Story Coordinator for an article that would appear on the the HP website at a date in the future.

PROGRAMS

January 6, 2011 – NAWC Museum Presentation

February 3, 2011 – Annual Club Auction

March 3, 2011 – Repeater Update and EchoLink by Brian (N3EXA) and Al (WI3Z)

April 7, 2011 – ARRL Night – Log Book Of The World (LOTW) and Hamfest (May 1, 2011)

May 5, 2011 – Digital Modes – PSK31, RTTY, etc.

June 2, 2011– Pizza Night with WARC Elections and Home Brew

July 7, 2011 - Storm Chasing Presentation

August 4, 2011 – Software Defined Radio

September 1, 2011 – Storm Watching

October 6, 2011 – D-Star

November 3, 2011 - Ham Radio Outlet RICK LAMB (K3TL).

December 1, 2011 – Annual Warminster ARC Dinner.

(Continued from page 4)

What follows is the text of that interview. To see the actual article on the HP website, go to this link: <http://www.hp.com/united-states/reallife/hamradio.html>

1. How did you become interested in ham radio? Once interested, how did you learn more about it?

Andy – have been interested in ham radio since I was about 10 years old. My first experience was in the 1960's with a side-aspect of the hobby called "short wave listening" or SWL when my uncle would turn on a big, old Grundig radio in his living room and we would listen to the BBC on it. His son (my cousin) was a Ham and had a station in his bedroom and I would watch him make contacts using Morse code. I was immediately hooked, but it would take me 25 more years before I would actually get my own license. More about that in the next question.

Irwin – I was always interested in electronics. When I was very young my grandparents had a shortwave radio in their kitchen we would listen to. As a teenager, I would fix neighbors TV's and radios to earn some extra money. Both my older brother and uncle had their Ham Radio license. My brother had a small station in his bedroom. I did not get my license until much later.

2. How long have you been involved with ham radio?

Andy – Flash forward to 1990. Like most everyone in their early 20's to mid 30's I was busy getting my college degree and having fun dating, meeting my future wife and finally getting married. My interests in SWLing continued throughout this time. I found it fascinating to hear news and stories from around the world and especially from other people's points of view. As life began to settle-down, my interests in Ham Radio resurfaced and I started taking classes at a local club which is where I met Irwin. He and I took a class through the club to upgrade to the next level of license class called "Advanced". We became friends and enjoyed the class so much that later-on we started teaching the class. To this day we still have other Hams come up to us at Ham Radio events and thank us for teaching them... and this was more than 10 years ago!

Irwin – Similar to Andy, my early 20's were busy with getting both my undergraduate and graduate degrees in Biology (special interests in Microbiology and Biochemistry), plus getting married, starting my career and raising a family. I finally got my Novice license in 1979 and eventually upgraded over the years. Currently Andy and I hold the highest level called Amateur Extra.

When we were first licensed, only the introductory level of examinations were given by the local radio clubs, affiliated through the American Radio Relay League (ARRL). All other exams were taken at the local FCC Field Office. Today, not only are the license level classes given locally, but the exams are given by Volunteer Examiners coordinated through the two major Amateur Radio organizations, ARRL and W5YI.

3. How much time per week (or month) do you spend performing ham radio-related activities?

Andy – This is a hard question to answer. The amount of time spent varies depending on the time of the year to where we are in the 11 year sunspot cycle.

There is a peak and a lull in sunspots on an 11 year cycle and when there are lots of sunspots, Ham Radio is fantastic. You can talk around the world just about any time of day or night. When there are few sunspots it becomes much more challenging. The current sunspot cycle just bottomed-out and we are now looking forward to 4 or 5 years of improving conditions.

So, to answer your question, during the low side of the cycle I may spend only a few hours a week with the hobby. And some weeks may go by with no activity at all. On the other hand, at the peak of the sunspot cycle, I may spend a couple of hours a day at it.

Irwin – My answer would be similar to Andy. Our operating time varies with available time, work and personal commitments. For many years my work took me all over the world; even living in both Singapore and China. When I was able, I would combine work and ham operating in countries that allowed reciprocal licensing. In 2007 while living in Singapore, I

(Continued on page 6)

(Continued from page 5)

was licensed as 9V1AP. Since my wife only joined me on occasional trips, Ham radio helped me pass the time and meet some very interesting local radio operators. Although small, Singapore had a very active Ham Radio Club. I have had licenses and operated in Singapore, China, Malaysia, Costa Rica and Antigua. I have also operated from Australia and Egypt.

Both Andy and I occasionally volunteer our time. Amateur Radio is very active in emergencies and community services. During most of the major disasters around the world, including the US, Amateur Radio operators have assisted the local Emergency Management Teams. Although usually unseen, you will find Amateur Radio operators helping with many of the community charity events such as Charity Walks and Runs.

4. What is it about ham radio that you find most interesting?

Andy – The most interesting thing for me is actually talking to, and sometimes actually meeting people and making friends in far-away lands. My goal is to make contact with other Hams in every country in the world, of which there are 343 recognized geopolitical entities. I have currently confirmed contact with about 275 of them. Contacts are confirmed via snail-mail with personalized postcards, called QSL cards, although there are now some electronic e-QSL services being offered.

And there are quite a few well known and famous people who have been Ham Radio Operators over the years. Some of them are no longer with us like Walter Cronkite, Senator Barry Goldwater and King Hussein of Jordan, and others like Joe Walsh from the Eagles and country music singer Ronnie Milsap are still around. And although I have not spoken personally to any of them, it is possible for me or any other Ham to make contact (with the living ones that is...).

Irwin – One thing about Ham radio, like many hobbies, is that it's a worldwide fraternity of people who have similar interests, of all ages. I enjoy meeting new people on the air and have sometimes had the opportunity to meet them in person and visited their homes.

For example; in 2007, while working in China on a special work project one of my non-Ham colleagues introduced me to a retired 80 year old college professor who was also a Ham radio operator. I visited his house and radio room and we had dinner together. It was interesting to listen to his stories of being licensed before WWII and how the Japanese and eventually early communist government put restrictions on operating. Today all of the restrictions have been lifted. Due to lack of fixing some equipment, he had not been on the air for many years. You could tell from our conversation, that it was something he really missed. The parts were not available to him. I quickly determined what was wrong and arranged for Andy to bring over the needed equipment during a visit by him and his wife. Today he is back on the air operating again.

5. I imagine you, Irwin, Bill and Ken all met thanks to ham radio. Is that true? I also noticed from your website that you all live in Pennsylvania. Could you still operate as a team if you lived across the country from each other?

Andy – I met Irwin and Ken through Ham Radio. Bill was the HR manager at a company where I used to work, and I knew him as a co-worker before I ever knew he was a Ham.

And maybe it's because I work in technology based industries, but two of my former bosses were also Ham Radio operators. I don't think I got the jobs because of that because none of us knew each other were engaged in the hobby.

It's like any other personal interest. There is a fairly common jargon and phraseology that kind-of tips you off when the other person is a Ham. I suppose horse enthusiasts, coin collectors and basket weavers have their unique jargon, too.

Irwin – basically yes. There are many teams and groups of operators who live all over the world, getting together to operate a contest or put a rare country on the air. We are lucky that all of us live in very close and our wives get along great too. When Andy and I operated in Antigua we joined a team from around the US to operate together.

As a side note, Andy and his wife introduced me to my current wife. Andy's wife and my wife were working at the same company at the time and we all remain very good friends.

(To be continued next month)

(Continued on page 7)

(Continued from page 6)

The K7RA Solar Update

Sunspots disappeared this week. Five days with no spots is the longest since May 9-19, 2010, when we saw 11 days in a row in which the Sun was spotless. Since then, there has only been the occasional day or two which was spot-free. April 2010 saw 13 consecutive days with no spots, followed by one day in which the sunspot number was 12 (indicating the emergence of a sunspot group with two spots), only to be followed by another spotless day, April 29.

Sunspot numbers for December 16-22 were 23, 11, 0, 0, 0 and 0, with a mean of 4.9. The 10.7 cm flux was 84.1, 81.6, 80.5, 80.9, 77.9, 77.9 and 77.7, with a mean of 80.1. The estimated planetary A indices were 5, 3, 2, 1, 8, 1 and 0, with a mean of 2.9. The estimated mid-latitude A indices were 4, 2, 2, 2, 6, 1 and 1 with a mean of 2.6. With no spots for five days, the average daily sunspot number for December 16-22 dropped nearly 23 points to 4.9, while the average daily solar flux declined 8 points, or a little over 9 percent, to 80.1.

As this bulletin is being written early Thursday, December 23, there may be a spot emerging right in the center of our Sun, when viewed from Earth. It is visible as a white area when viewing the image from the STEREO mission, although this image just shows magnetically active areas in a lighter shade, which does not always correspond to areas with sunspots. Viewing the rest of the image out to the eastern horizon (left side, on solar images) shows no dramatic activity. Unfortunately, the Solar Dynamics Observatory Joint Science Operations Center has experienced a disk controller failure, and until it can be replaced, the latest image they have is from December 19.

The noon reading at the Penticton observatory the solar flux rose today to 80.1, precisely the arithmetic average listed below for the prior seven days. Although still pretty weak, solar flux hasn't been this high since last weekend, Sunday, December 19. NOAA/USAF sees a low solar flux of 78 until December 26-27, when they predict a flux value of 80, then 82 for December 28-29, 84 on December 30 and 90 on December 31 and January 1. They also show low geomagnetic activity with a daily A index of 5, except for December 25, with an index value of 7. They show the A index going back to 5 until the third week in January 2011. Geophysical Institute Prague always has a more detailed outlook on geomagnetic activity, and they show quiet conditions for December 24, quiet to unsettled December 25, quiet December 26, quiet to unsettled December 27 and unsettled December 28-29.

For some, a dead quiet A index on with no sunspots might be ideal for the Winter Solstice, which was on December 21 at 2338 UTC in the Northern Hemisphere. Long nights with low seasonal noise from lightning signal good conditions on 80 and 160 meters, and with quiet geomagnetic conditions, even better.

Courtesy ARRL Newsletter

2011 Contest Calendar

January

- 1 Straight Key Night
- 8-9 RTTY Roundup
- 22-24 January VHF Sweepstakes

➤ **ATLANTIC DIV. HAMFESTS - 2011**

- January 15** Harrisburg Radio Amateurs Club Paxtang Firehouse
3423 Derry St., Harrisburg, PA www.w3uu.org
- January 23** Maryland Mobileers Amateur Radio Club Odenton Volunteer Fire Department Hall 1425 Annapolis Road (Route 175) Odenton, MD 21113
<http://www.mobileers.org/>
- March 26-27** Baltimore Amateur Radio Club Maryland State Fairgrounds
2200 York Road Timonium, MD <http://www.gbhc.org>

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 2011 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

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

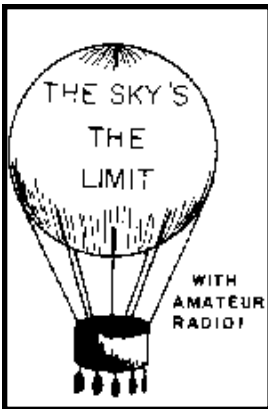
Bucks County SKYWARN Weather Spotter PRIMARY FREQUENCY: 147.300MHZ (+ 131.8)
 Fairless Hills, PA (many remote access locations throughout Bucks County)

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, Irwin Darack KD3TB 215-343-8170



*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 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.

Winlink Gateway Stations:

Upper Bucks	NJ3A-10	145.610 Riegelsville
Lower Bucks	NY3J-10	145.530 Bensalem
Montco	W3CF-10	145.950 Hatfield
Chester County	W3EOC-10	145.690

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:

- 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 Saturday before the Board meeting.

2011 Officers

Executive Officers

President	Richard Luce	AG3L	215-441-8264
Vice-President	Irwin Darack	KD3TB	215-343-8170
Secretary	Frank Clayton	WD0ESL	215-855-1029
Treasurer			
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)	Brian Taylor	N3EXA	215-257-6303
Past President	Larry Abbott	WA3ELQ	215-443-7521

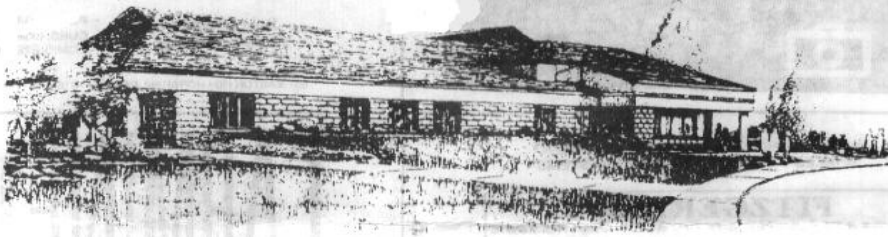
Committee Chairpersons

Archives	Burt Ludin	N3YVH	267-781-0603
ARES Liason	Denise Burstein	KB3ANO	215-355-1150
Arrl Liason	Richard Luce	AG3L	215-441-8264
Awards Manager	Vince Pironti	KD3TC	215-674-0446
Classes	George Altemus	KA3WXV	215-855-3856
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 11	Mark Kempisty	N3GNW	215-953-1493
Fundraising	Adam Huffnagle	KB3JCP	215-442-9526
Hamfest 11	Mark Hinkel	WA3QVU	215-659-4449
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 Coordinator	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

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.

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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Undeliverable, Return to Sender.**