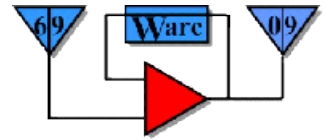




FEEDBACK



Web Site k3dn.org

Warminster Amateur Radio Club

February 2013

Next Meeting February 7, 2013 – Club Auction

President's Message

The holiday season is finally over and we are in what I call the doldrums of winter. Too cold to play golf, although I did get a game in during one of the January warm spells, and not a lot of work do be done outside. It's a great time for me to catch up on my reading and ham room activities. This January I re-built my Ham Shack. When I finished my basement 20+ years ago, I place my ham room below the kitchen and the station below the kitchen sink. Not a smart move. Well this January I moved the station to the opposite wall and rebuilt all the wiring and connections. This meant running coax cables, rotor wire and electrical wires to provide both 110 and 220 volts to the new site. With the help of Bill, K3FMQ, a contractor and electrician, I finally finished last week and got the station back up and running again. Just in time for the February contests.

In January, the Packrats ran the ARRL UHF/VHF contest from the Senior Citizens center – WARC station with the newly installed antenna's. Using the call W3CCX, they made 122 QSO's working 17 grids for a score of 2,822. Operators included Mark WA3QVU, Michelle KB3MTW, Rich K3BFS, Rich Luce AG3L, Tom Ledoux KD3DI, and George KA3WXXV. Our thanks to everyone who helped to put this station together and made it possible for all of use to work UHF/VHF and 6 Meter contacts.

February is a busy month for contesting. You will find 3 states, Vermont, Minnesota and Delaware have their state QSO contests, CQ WW RTTY WPX contest, and ARRL Inter. DX Contest CW contests just to name a few. It's a great time to get on the air and have fun.

Band conditions seem to be slowly falling back into the basement, with a current Solar Flux reading of only 98 and a Sun Spot count of 52. The high for Cycle 24 was a Solar Flux of 190 on 24 Sept 2011 and Sunspot count of 208 on 9 November 2011. That still should not discourage you as I see a lot of VK's and ZL's showing up on 15 and 20 meters during the daylight hours and excellent activity into Europe on 40 and 80 meters at night.

I hope you are enjoying our new "Feature of a Member Ham Radio Station". Each month we will highlight one of our WARC members station. To do this, ***we need your input***. Please send a picture of your Ham Radio station to our Feedback editor Jim, WA4YWM - wa4wym@comcast.net with a brief description. Each month he will select a station to be included.

Our February meeting will feature our annual auction. So, it's time to start cleaning out the ham shack and donating all of the stuff you bought at the last Hamfest and still can't figure out why? Proceeds help fund our repeater, club activities including Field Day, meetings and a number of club functions.

Your 2013 WARC Membership dues, for all members who pay on an annual basis, are due in January. There are three options available: PayPal link on our www.K3DN.org website, bring a check or cash to the January meeting or, mail to the Warminster Amateur Radio Club, PO Box 113, Warminster, PA 18974. Dues for regular members are \$20 per year.

See you at the February meeting.

Irwin KD3TB

STATION OF THE MONTH—KD3RF



PHOTO 1



PHOTO 2



PHOTO 3



PHOTO 4

Andy Vavra, KD3RF was first licensed as KA3VHI in October 1989 through the Novice classes offered at that time by the Warminster Amateur Radio Club. He progressed to Tech/General and Advanced, and now holds an Amateur Extra license.

Always a fan of high quality, high performance gear, his first station back in the late 80's was a classic Collins S-Line, KWM-2 transceiver and 30S-1 and 30L-1 amplifiers. Since that time he has moved through a progression of equipment in his shack including Kenwood TS-440 and TS-940 and Icom 746 and 756 Pro transceivers.

Fast-forward to today and his hamshack (Photo 1) is equipped with a complete Elecraft K-Line starting with a K3 Transceiver located in the center/left, a P3 Panadapter, and a KPA-500 / KAT-500 Solid State Amplifier and Fully Automatic Antenna Tuner combination. On the top of the shelf is a Yaesu G-1000SDX Antenna Rotator that turns his 3 element Cubex cubical quad antenna and a HP laptop computer that he uses for rig control, packet cluster, logging and digital modes. To the far left side of the photo is the new Elecraft KX3 QRP Transceiver and an Ameritron remote antenna switch.

Photo 2 shows a closer view of the K-Line which is one of the highest performing radios available today. Andy's goal in equipping

his shack with this complement of equipment was to assemble a fully automatic station that could be computer controlled and capable of quickly hopping from band-to-band to capture rare DX and contest contacts. Because all of the equipment is linked together he can click on a packet cluster "spot" announcing new DX and the radio, tuner, amplifier and antenna selection < automatically > jump to that frequency and are tuned, ready to go instantly with a 500 watt signal.

Photo 3 is a close-up of the heart of the KD3RF station; the Elecraft K3 and P3 combo. When looking for where the a rare DX is operating, the P3 Panadapter allows the operator to quickly find and QSY to the DX station's operating frequency. Photo 4 shows a close-up of the rest of KD3RF's station, the KPA-500 Solid State amplifier and matching KAT-500 Automatic Antenna Tuner. These final two pieces of equipment are fully linked with the rest of the K-Line and change bands, select antennas and tune automatically.

Andy can be contacted at KD3RF@ARRL.NET or at any club meeting if you want to know more about the equipment in his station.

MEMBERSHIP CORNER

As of February 1, 2013 the status of WARC members dues is listed below. We have listed only the callsigns, not including the prefix(except in cases of dupes), to simplify the listing and it is in alphabetical order in each category listed. If you have any questions, BEFORE YOU PAY please contact membership via email at membership@k3dn.org or call Michelle at 215-672-7578 or Bill at 215-822-0749. Both phones have machines on them.

WARC dues are \$20 per year, \$10 per year for Family(f) and Alumni(a) members. In listings the Family and Alumni class of memberships are indicated by the lower case letters noted above.

If you would like to find out if you qualify for the Alumni membership dues rate, intended for those members who can't make meetings on a regular basis, please contact the Membership Committee (see above).

73

Michelle KB3MTW and Bill K3ZMA , the WARC Membership Committee

The following callsigns (the part after the number) have WARC 2013 dues due:

ANO(a) BBU BI BON(a) CET(a) DEY(a) ECK ECW(f) FKR FSB(a) GAD HFH HRO HSB(f) IAS ICC IIE IRC(a) JRB JSR KIO KXS LJE LJG LPB MJP MTU NX NXX O PCX QBU(a) QGO QL QVQ RM SRO TC TF TPM TQE UHH UI UPG UQP(a) VLN VPE WLO WNK WSL WI3Y WW3Y YCG YEP YK YNH YNY ZAP ZMA

The following callsigns still have partial WARC 2012 dues unpaid and are NOT on the yearly dues cycle, please contact membership for amount due:

A(a) AKW ANZ E(a) JQD MUZ(a) PMD RBX UBJ

The following callsigns have partial WARC 2011 dues unpaid and are NOT on the yearly dues cycle. According to the WARC constitution they need to re-apply for membership.

Please contact membership if you would like to continue to be a WARC member:

BAN DXL EPU FEX FQR(a) GFX IA KEN LAW LC MT QBT RWD SSB(2) TBS UKX UBH UVB WDY ZGT

SOLAR UPDATE

Tad Cook, K7RA, reports: The sunspot numbers and the solar flux barely changed this past week: The average daily sunspot numbers were 55.7, down slightly from 56.4 the previous week, while the average daily solar flux was 98.7, down from 110.7. Geomagnetic conditions continued their quiet spell. The most active day was Saturday, January 26, when both the mid-latitude and planetary A index were 18, and Alaska's College A index was 46. The predicted solar flux is 100 for January 31-February 1, 105 on February 2-5, then 110, 120, 130 and 125 on February 6-9, 120 on February 10-11, then 115, 110 and 105 on February 12-14, 110 on February 15-18, and back down to 105 on February 19-23. The predicted planetary A index is 5 on January 31-February 4, 8 on February 5-6, 5 on February 7-8, 8 on February 9-10, 5 on February 11-18, 8 on February 19, 5 on February 20-21, then 15, 10 and 8 on February 22-24. Look for more on the ARRL website on Friday, February 1. For more information concerning radio propagation, visit the ARRL Technical Information Service Propagation page <<http://www.arrl.org/propagation-of-rf-signals>>.

Courtesy of the ARRL Newsletter

MINUTES

President Irwin /KD3TB opened the meeting at 7:30 PM.

Introductions

The microphone was passed around. Forty one members present and one guest: Carl Fisher.

Charles, KD3RA upgraded to extra class - congratulations!

Minutes of previous meeting

The minutes of the December meeting were approved.

Audio recordings of the meetings and presentations are available online at www.wi3z.com. Thanks to AI/WI3Z for providing this service to the WARC membership.

Committee Reports

Treasurer report - Frank, W3ESL

As reported.

Programs - Rich, AG3L

Tonight Mark, AA3K - N1MM contesting software.

February Club auction

March Open - TBD

April Joe, AA3JH - Antennas

May Hamfest coordination

Ticket prices for the Holiday dinner are \$12.50/ adult and \$6/child.

Rich/AG3L thanked AI/WI3Z, Brian/N3EXA and the Warrington Township authorities for their support with the repeater and power hookup to the township emergency power generator. The repeater was operational throughout the duration storm Sandy.

Irwin, KD3TB introduced and discussed two new ideas for the auction. The first idea related to auctioning ham services by members. Services would include hands on tasks and would not include dangerous activities like climbing a tower. Bidding for these services would be allowed only to club members.

The second idea related to allowing submission for items to be auctioned on a consignment basis. The minimum value for the item should be \$50 minimum and there would be a \$10 fee and a 10% fee based on winning bid amount. Must be a club member to submit an item for bid. The transaction would be between the seller and the buyer.

These ideas will be posted on the web site for comments and feedback.

Membership - Bill, K3ZMA

Membership statistics will be updated by the next meeting. Bill and Michelle collected dues throughout the evening.

Yearly dues can be paid between now and March 2013 by check or PayPal.

Any questions on membership should be directed to membership@K3DN.org

Public Service - George, N3HBT

No updates.

Classes - George, KA3WXV

Classes will start on March 11, 2013. It will be a combined Technician/General session.

Classes run for 8 weeks, every second Monday of the month.

VE session - Larry, WA3ELQ

VE sessions are held at the Ben Wilson center on the last Monday of the month at 6:30 PM except for the month of August.

Repeater - Brian, N3EXA

The club 2 meter repeater is located in the Warminster Township building. It has six inputs. Currently negotiating with a property owner in Philadelphia for another site. Also looking for another location in New Jersey.

Good and Welfare

Condolences to the family of Chris Dardis, W3KEN who passes away on December 19 at the age of 91, the family of Larry Exner, KA3FQR who passed away at the age of 95 and the family of Howard Bicking, K3ZIG who passed away in September and was a founding member of the WARC.

Old Business

None.

New Business

None.

Members Comments/Questions

None.

The meeting was adjourned at 8:00

The audio of the meeting including the presentation is available at www.wi3z.com

Submitted:

Bernie / AB3YZ, Club Secretary

February 3, 2012

2012 Marks All-Time High for Amateur Radio Licenses

As 2012 came to a close, ARRL VEC Manager Maria Somma, AB1FM, had a good reason to cheer: The number of radio amateurs in the US reached an all-time high of almost 710,000. "2012 was definitely a banner year for the number of Amateur Radio operators here in the US," she said. "It is amazing to see these new numbers and to know that Amateur Radio is experiencing such a healthy trend."

In looking at new and upgraded licenses, as well as licensees per ARRL Division (see the charts below), Somma also crunched the numbers looking for growth within each license class -- and all of Amateur Radio -- over the last 40 years. "This is an all-time high for Technician, General and Amateur Extra class licensees," she said. "When looking at the three current license classes, the number of Technicians, Generals and Amateur Extras peaked in December at 345,369, 163,370 and 130,736, respectively."

Somma explained that the total number of US amateurs in the FCC database also continues to grow each year: "As of December 31, 2012, the number of licensees reached an all-time high of 709,575; year-end totals were 702,056 for 2011 and 696,041 for 2010. The number of licensees increased at an average rate of 21 per day, while the number of US licensees has increased by 7 percent since 2008!" More than 3000 new licenses were issued in 2012 than in 2011, while upgraded license activity remained steady in 2012.

In the past 40 years, the number of Amateur Radio operators in the US has grown at a remarkable rate:

- December 1971: 285,000
- December 1981: 433,000
- December 1991: 494,000
- December 2001: 683,000
- December 2012: 709,500

*Source: 1971, 1981, 1991: print editions of **Radio Amateur Callbook**. 2001, 2012: www.ah0a.org/FCC/Graphs.html. Please note: While the number of licensees has grown considerably over the years, we realize that these numbers include some who are no longer*

active in Amateur Radio. A recent survey of ARRL members, however, indicates that more than 80 percent of those responding are active.

ARRL VEC Program Statistics

The ARRL VEC is by far the largest of the 14 Volunteer Examiner Coordinator (VEC) groups in the country, coordinating approximately 70 percent of all Amateur Radio exams. "When looking at the statistics over the last year, the ARRL VEC sponsored exam sessions and exam elements taken were up in 2012, which is a good sign for Amateur Radio overall," Somma said. "Compared with 2011, ARRL VEC exam sessions in 2012 were up by 8 percent. A total of 6831 exam sessions were administered in 2012, compared to 6352 in 2011. Exam elements were slightly up from 41,096 last year, to 42,473 this year. The total number of accredited ARRL Volunteer Examiners (VEs) has reached an all-time high of 36,682. The ARRL VEC has been busy meeting the needs of the Amateur Radio community by helping people become radio amateurs or upgrade their existing licenses. 2012 was a very good year for Amateur Radio -- I can't wait to see what 2013 brings!

Courtesy of the ARRL Newsletter

NEW YORK CITY HAM WINS APPEAL, CAN KEEP HIS TOWER

In September 2010, Paul Isaacs, W2JGQ, of New York City, obtained a building permit for his Amateur Radio antenna support structure, comprised of a 40 foot tower topped by a Yagi antenna. Isaacs installed his antenna system on the roof of his four story brownstone -- 58 feet above ground -- in lower Manhattan.

Almost four months after the erection of the system, the New York City Department of Buildings (DOB) declared its intention to revoke Isaacs' properly attained building permit, claiming that his Amateur Radio antenna system was not, in the Department's opinion, "an accessory use." Isaacs appealed the decision through the Department's bureaucracy, and when that didn't reverse the decision, he had a series of hearings before the New York City Board of Standards and Appeals.

In November 2012, the Board ruled that though perhaps uncommon, an Amateur Radio antenna system is indeed an accessory use under New York City's zoning ordinance and the building permit was properly granted. "The Board agrees with DCP [Department of City Planning] that the size of a use can be relevant to whether it is 'incidental to' and 'customarily found in connection with' a principal use," the Board wrote in its decision. "However, it finds that in the case of Amateur Radio towers, unlike cellular [towers] and certain other uses, there is no articulated standard to guide DOB in determining at what height a particular radio tower becomes a non-accessory."

The full decision may be found here <http://www.antennazoning.com/main/page_amateur_radio_legal_library.html> under "Application of Paul K. Isaacs." Isaacs was represented by attorneys Fred Hopengarten, K1VR, Stuart Klein and Chris Slowik.

Courtesy of the ARRL Newsletter

DXCC DESK APPROVES TWO LAOTIAN OPERATIONS

ARRL DXCC Manager Bill Moore, NC1L, reports that the 2010-2011 XWPA operation and the current XW4XR operation in Laos have been approved for DXCC credit. "If you have had these operations rejected in a recent application, please send an e-mail <bmoore@arrl.org> to the ARRL DXCC Desk," Moore said. "Once updated, results will appear in Logbook of The World (LoTW <<https://p1k.arrl.org/lotwuser/default>>) accounts, as well as online in the daily listings <<http://www.arrl.org/dxcc>>."

Courtesy of the ARRL Newsletter

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 Bill Strunk (K3ZMA) 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 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, Bill Strunk, K3ZMA or Michelle London - KB3MTW at the WARC monthly meetings. Otherwise, please contact Membership at: membership@K3DN.org. Thank you.

PROGRAMS

2013

February 7th - Club auction with Mark/AA3K and Dan/K3NXX as your auctioneers.

March 7th - Mike Maguire of the NADC Museum is returning to talk about the history of the NADC / NAWC in Johnsville.

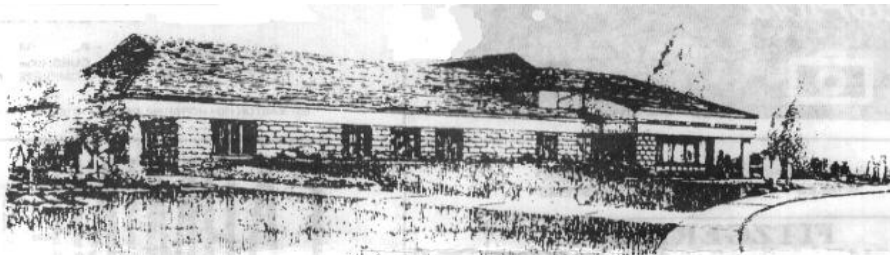
April 4th - Joe / AA3JH will be doing a presentation on his favorite subject - antennas. Joe is an accomplished fabricator of a number of successful antennas and we asked if he could share the knowledge.

May 2nd - With the 2013 hamfest just a few days away, we wanted to take the time for this most important club event.

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.**



2013 Contest Calendar

February

11-15 School Club Roundup
16-17 International DX Contest – CW

March

2-3 International DX Contest – Phone

April

21 Rookie Roundup – Phone

June

8-9 June VHF Contest
15 Kids Day
22-23 Field Day

QSO Parties

Vermont 0000Z, Feb 2 to 2400Z, Feb 3
Minnesota 1400Z-2400Z, Feb 2
Delaware 1700Z, Feb 2 to 2359Z, Feb 3
Louisiana 1500Z, Feb 9 to 0300Z, Feb 10
New Hampshire 1600Z, Feb 9 to 0400Z, Feb 10 and
1200Z-2200Z, Feb 10
Mississippi 1500Z, Feb 23 to 0300Z, Feb 24
North Carolina 1500Z, Feb 24 to 0059Z, Feb 25

➤ ATLANTIC DIV. HAMFESTS - 2013

April 6 - Greater Baltimore Hamboree & Computerfest

Maryland State Fairgrounds

2200 York Road

Timonium, MD

<http://www.gbhc.org>

April 13 - York Hamfest

Porters Community Fire Company

1199 Porters Road

Spring Grove, PA 17362

<http://www.yorkhamfest.org>

May 5 - Warminster Hamfest

Middletown Grange Fairgrounds

576 Penns Park Road

Newtown (Wrightstown Twp.), PA

<http://www.k3dn.org/hamfest.htm>

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 2013 test fee is **\$15.00**.

Warminster Amateur Radio Club,

Monthly, Last Mon. 7:00 pm at the Wilson Senior Community Center 580 Delmont Avenue Warminster, PA 18974
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, 3rd Monday at 6:30. Falls Township Building - Ben Johns, K3JQH, 215-657-5994

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

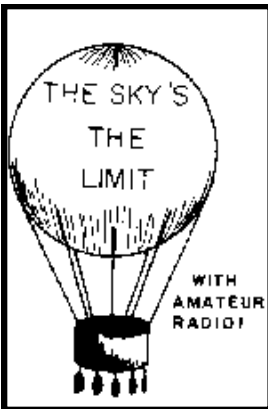
Bucks County SKYWARN Weather Spotter PRIMARY FREQUENCY: 147.300MHZ (+ 131.8)
 Fairless Hills, PA (many remote access locations throughout Bucks County)

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 station.

Classes will start on March 11, 2013. It will be a combined Technician/General session.
Classes run for 8 weeks, every second Monday of the month.

For further information contact George Brechmann, N3HBT 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. 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.

Area Repeaters

VHF

- 145.310 R.F. Hill
- 145.350 Doylestown R.C.
- 146.790 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
- 447.475 WR3B
- 447.625 WE3E
- 448.225 Penn Wireless

D-STAR

- 146.61000 K3PDR DV
- 445.18125 K3PDR DV
- 445.01875 AA3E Montco RACES

6 Mtr

- 53.030 WA3BXW
- 53.230 N3DQZ
- 53.320 K3MFI

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 regular meeting.

For general club correspondence:

k3dn@k3dn.org

Visit our Home Page at:

<http://www.k3dn.org>

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.

2013 Officers

Executive Officers

President	Irwin Darack	KD3TB	215-343-8170
Vice-President	Richard Luce	AG3L	215-441-8264
Secretary	Bernie Paratore	AB3YZ	215-348-2010
Treasurer	Frank Clayton	W3ESL	215-855-1029
Director (E)	Alan Berkheiser	KB3VYX	
Director (E)	Mark Kempisty	AA3K	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			
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	215-968-397
Feedback Editor	Jim Elmore	WA4YWM	215-538-1889
Field Day 13	Mark Kempisty	AA3K	215-953-1493
Fundraising	Adam Huffnagle	KB3JCP	215-442-9526
Hamfest 13	Richard Luce	AG3L	215-441-8264
Hamwear	Alan Berkheiser	KB3VYX	
Holiday Dinner	George Brechmann	N3HBT	215-443-5656
Interference	Mark Kempisty	AA3K	215-953-1493
Membership	Michelle London	KB3MTW	215-672-7578
Membership	Bill Strunk	K3ZMA	215-822-0749
Net Manager	George Brechmann	N3HBT	215-443-5656
PA QSO Party	Mark Kempisty	AA3K	215-953-1493
Publicity			
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			
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