



# FEEDBACK



Web Site [k3dn.org](http://k3dn.org)

Warminster Amateur Radio Club

February 2012

## Next Meeting February 2nd, 2012 – Annual Club Auction

### President's Message

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.

We are at the halfway point for the Thursday **March 22, 2012** trip to ARRL HQ in Newington, CT. The club needs your help folks. We need just 15 more seats filled for the trip. We already have 15 folks who are committed to go. If you have friends or folks in other clubs who you think might want to go – please talk it up.

Photos and videos from the ARRL trip 2 years ago are on the [www.k3dn.org](http://www.k3dn.org) website.

**Tour Highlights** - Highlights of your tour will include the W1AW Hiram Percy Maxim Memorial Station. If you have your license you may operate the station. In the main building you will see the DXCC Department which handles the premier operating award in all of Amateur Radio, the QSL bureau, the Bookstore, museum, the Lab, and some of the staff. More info can be found at: [www.arrl.org/visithq.html](http://www.arrl.org/visithq.html)

**Motor coach** - **HAGEY COACH & TOURS, INC.** of Franconia will be providing the transportation in modern over the road coaches. Their drivers are totally professional. They are equipped with airline type seating, rest room, WIFI, and CCTV.

**Payment** – The cost of the trip is just \$45 per seat. This includes trip cost and a small gratuity for the driver. Please try, if possible, using the PAYPAL tab at [www.k3dn.org](http://www.k3dn.org) for payment. This makes signing-up very easy for all. If, after paying, you can not make it, we can refund your money if more than 21 days prior. If, after that date, we would need to find someone to fill the seat so that the WARC isn't on the hook for payment of an empty seat.

In short order, **May 6, 2012**- 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 **WE NEED YOUR HELP**. Please speak to Mark and volunteer because this is the main means of support for the club. If you have any questions any Board Member.

On **June 23-24, 2012** we have the 24-hour Field Day at the Shrine of Our Lady of Czestochowa in New Britain Township. This is the premier operating event of the year. Hopefully we can convince Mark / AA3K to be the chair of the field day event again.

Another big event for the club is the first 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. We are looking for a coordinator for this event. 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. Don't be hesitant to volunteer. Thanks again for all you do for the club; I and the board certainly appreciate the member's efforts – so let's make 2012 a very active year.

Richard J Luce / AG3L  
Warminster ARC Club President  
ARRL EPA Local Government Liaison

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## Meeting Minutes Jan. 5, 2012

The President Rich / AG3L opened the meeting at 7:35.

The sign-in sheet was passed around.

Opening comments:

Trip to ARRL HQ planned for Marc 22. Approximately 15 individuals have signed up. Need to have 30 to fill the bus. Interested members can sign up using PayPal on our web site. Cost for the trip is \$45.

The Hamfest is less than 6 months away. Please contact Mark /WA3QVU to volunteer.

Gary / KB3TIF volunteered to conduct the 50-50 raffle.

### Introductions

Fifty members present. One guest: AI / AC2CL.

### Minutes of previous meeting

In place of the monthly meeting in December, we celebrated the Holiday Season with the annual Family Holiday Party which was well attended and enjoyed by all.

### Committee Reports

#### Treasurer report - Frank, WD0ESL

As reported.

### Programs - Irwin, KD3TB

January	Antique Radio / Fred Rice
February	Auction.
March	Emergency Services / Brian Faux.
April	ARRL night
May	Ham fest
June	Pizza night. Elections.
July - December	TBD. SUGGESTIONS WELCOMED!

### Public Service - George, N3HBT

No report.

### Classes - George, KA3WXV

Show of hands polling on interest for a General Licence classes session : four individuals are interested.

### Repeater - Brian, N4EXA

No problems reported.

### Membership - Bill, K3ZMA

Transition to yearly dues payment is going smoothly. Personalized letters have been sent to all members in arrear. response has been good. Bill reminded us that members in arrears by more that here months cannot vote.

### Hamfest - Mark, WA3QVU

Preparation activities are moving along well. Volunteers needed.

### Other announcements

None.

### Old Business

None.

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## 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](http://www.k3dn.org) website, please email Michelle at [mal61@comcast.net](mailto: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](mailto:membership@K3DN.org). Thank you.

## PROGRAMS

**2012**

<b>February 2nd</b>	Annual Club Auction	Mark AA3K
<b>March 1st</b>	Repeater Update	Brian N3EXA and Al WI3Z
<b>April 5th</b>	ARRL Night	Eric Olena ( <a href="mailto:WB3FPL@arrl.org">WB3FPL@arrl.org</a> )
<b>May 3rd</b>	Hamfest Setup	
<b>June 7th</b>	WARC Election, Pizza Night, and Field Day	
<b>July 5th</b>		
<b>August 2nd</b>		
<b>September 6th</b>		
<b>October 4th</b>		
<b>November 1st</b>	Rick Lamb HRO	K3TL
<b>December 6th</b>	Annual Warminster ARC	Holiday Dinner.

**New Business**

None.

**Members Comments/Questions**

Drex / W3ICC reminded us of the Pack Rats VHF sweepstakes taking place on January 21-23.

The meeting was adjourned at 7:55 PM.

A very interesting presenting and interactive session with Fred Rice / WA3KIO on the subject of Antique Radios.

**HAPPY NEW YEAR!!**

Submitted:

Bernie / AB3YZ, Club Secretary

January 8, 2012

**SOLAR UPDATE**

Tad "Staring at the Sun <[http://www.youtube.com/watch?v=\\_mo9xg-\\_sSw](http://www.youtube.com/watch?v=_mo9xg-_sSw)>" Cook, K7RA, reports: This was another week where average daily sunspot numbers declined, while average daily solar flux increased. The predicted solar flux is 125 on January 26, 120 on January 27-30, 125 on January 31-February 2, 140 on February 3-8, 145 and 150 on February 9-10, 155 on February 11-13, 150 on February 14-19, and then 145 on February 20-23. That's right – the long-anticipated short-term solar flux peak of 165 from February 17-21 is gone. The last forecast <see%20<http://www.swpc.noaa.gov/ftpdir/forecasts/45DF/012345DF.txt>> which still held this number was on January 23, and on January 24 it changed <<http://www.swpc.noaa.gov/ftpdir/forecasts/45DF/012445DF.txt>>. The predicted planetary A index is 5 on January 26, 8 on January 27-28 and 5 on January 29 to February 7, 8 on February 8-9, and then 5 again on February 10-23. Look for more information on the ARRL website on Friday, January 27. For more information concerning radio propagation, visit the ARRL Technical Information Service Propagation page <<http://www.arrl.org/propagation-of-rf-signals>>. This week's "Tad Cookism" is brought to you by U2's Staring at the Sun <[http://en.wikipedia.org/wiki/Staring\\_at\\_the\\_Sun\\_%28U2\\_song%29](http://en.wikipedia.org/wiki/Staring_at_the_Sun_%28U2_song%29)>.

*Courtesy ARRL Newsletter*

**ARMY MARS RESUMES USE OF WINLINK 2000**

According to Government Liaison for Army MARS <<http://www.netcom.army.mil/mars/>> Pudge Forrester, AAA9GL, Lieutenant General Susan Lawrence has reversed the decision to phase out the use of the Winlink 2000 <<http://www.winlink.org/>> global radio e-mail system by Army MARS members. General Lawrence stated that the Army -- after reviewing its capabilities -- had decided that the continued use of Winlink 2000 was a valuable asset to Army MARS members and to the agencies that were using the service. She issued a statement to that effect on December 21, 2011. On January 5, 2012, the Chief of Army MARS officially notified his membership that the phase out notice had been rescinded. Army MARS members and agencies who had been using the service hailed the decision by General Lawrence and resumed use of Winlink 2000.

*Courtesy ARRL Newsletter*

**AMATEUR RADIO IN SPACE: ARISSAT-1 RE-ENTERS EARTH'S ATMOSPHERE, FALLS SILENT**

According to AMSAT <<http://www.amsat.org/amsat-new/index.php>>, ARISSat-1 stopped transmitting <<http://www.arissat1.org/v3/>> on the morning of January 4. It is believed that the satellite re-entered the

Earth's atmosphere around 0700 UTC (+/- three hours) and was destroyed soon after. Telemetry reports showed that the temperature aboard ARISSat-1 had been rising as the atmospheric drag began to affect the satellite. The predicted decay location is an open part of the South Atlantic, well west of Angola.

The last telemetry reports indicated that the internal temperature had topped 167 degrees Fahrenheit and was rising rapidly. Kon-

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stantin Vladimirovich, RN3ZF, sent a reception report of a pass at 0842 UTC and stated, "The telemetry was absent, voice messages were not legible, very silent and interrupted. Most likely, I saw the last minutes in the life of the satellite." The last full telemetry captured was received from ground stations as the satellite passed over Japan at 0602 UTC on January 4.

ARISSat-1 was deployed <<http://www.arrl.org/news/arissat-1-finally-deployed-from-iss>> from the International Space Station on August 3, 2011 during EVA-29 on by Cosmonaut/Flight Engineers Sergei Volkov, RU3DIS, and Alexander Samokutyaev. The satellite carried a student experiment from Kursk State University in Russia that measured atmospheric density. Students from around the world provided the voices for the FM voice announcements.

AMSAT President Barry Baines, WD4ASW, said that ARISSat-1 marked a new type of satellite that captured the attention of the national space agencies around the world. "With ARISSat-1, we have we have been able to design, launch, and operate a unique educational opportunity," he explained. "By designing an educational mission aligned with NASA's Science, Technology, Engineering and Mathematics goals, radio amateurs around the world have been able enjoy a new satellite in orbit."

ARISSat-1 achieved several "firsts" for Amateur Radio in space, including the first flight test of the AMSAT Software Defined Transponder, which included an FM voice downlink cycling between student messages, spoken telemetry and SSTV; a 16 kHz bandwidth linear transponder; a CW beacon carrying telemetry and call signs of radio amateurs (noting their significant contributions to Amateur Radio in space) and a robust, forward-error-corrected 1kpbs BPSK digital downlink carrying satellite telemetry and Kursk experiment telemetry.

*Courtesy ARRL Newsletter*

## **PUBLIC SERVICE: HAMS IN ARKANSAS AND ALABAMA HELP PROVIDE ASSISTANCE TO NWS DURING SEVERE SUNDAY STORMS**

Strong winds and tornadoes moved through Arkansas and Alabama on Sunday, January 22. In response to the storms, the National Weather Service office in Little Rock activated Arkansas SYWARN the same afternoon, while ARES members were activated in parts of Alabama.

Arkansas SKYWARN Program Coordinator Danny Straessle, KE5WLR, summoned a team of radio amateurs and headed to the NWS office to provide communications support to the forecasters. While Straessle was enroute to the NWS office, Daryl Stout, AE5WX, brought up the Weather Watch Net, a pre-net for Arkansas SKYWARN. By 6 PM, the Arkansas SKYWARN net control team was in place and the NWS issued the first tornado warning for the area. At this time, Straessle and Shane Lee, KF5FBR, took over as Net Control for the Arkansas SKYWARN net. They were assisted by Mona Blacklaw, KM5ONA. The NWS received reports of tornadoes in Arkansas, Dallas, Lonoke, Prairie and Cleveland Counties.

In addition to activity by Arkansas SKYWARN, ARES members in Alabama also helped to provide communications support in that state. According to David Gillespie, W4LHQ, of the Jefferson County Emergency Management Agency, hams across Central Alabama began monitoring the storm conditions in preparation for a possible activation. "Hams deployed to the National Weather Service office to relay storm observations and damage reports," he told the ARRL. "When the NWS issued a tornado warning that evening, local ARES members began an emergency communications net. Net Control logged reports from 34 stations through the night. When the storms cleared, these damage reports were used to dispatch first responders to the areas that sustained the most severe damage." Fourteen hams reported to the Jefferson County EMA, where Gillespie coordinated communications for three shelters run by the American Red Cross.

*Courtesy ARRL Newsletter*

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**MICHELLE HAS ANTENNAS!**

To all,

This is a picture of my balcony with the antennas I used for the January VHF contest. On the left is a Diamond 2m/70cm antenna. In the middle is a borrowed 6m squalo from Ray Goley - a fellow Pack Rat. On the right is a small table with a 16x19 piece of heavy metal and a 230 MHz mag mount on it. I live on the 2nd of 3 stories.

I was able to make 119 contacts, but very limited in the grids. I missed out on the signals coming up from Florida as my unit faces North and the building blocks most signals except for very strong close stations.

Luckily I didn't hear from the condo association about leaving the squalo up, but now that the contest is over it's a mute point. I would like to put up a 6m/10m dipole that will fit on the balcony. When that picture is taken I will resend it to the association and see if they will allow me to keep it up all the time. Now I have to look into more stealthy HF antennas and then I will finally be able to get on those bands and not have it be only on Field day.

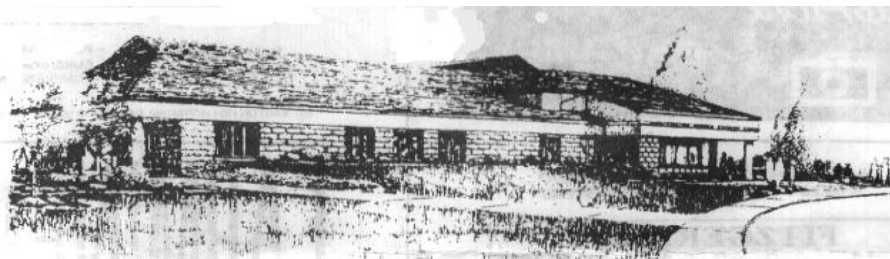
73s

Michelle London  
KB3MTW



**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.**

### 2012 Contest Calendar

#### February

13-17 School Club Roundup  
18-19 International DX Contest - CW

#### March

3-4 International DX Contest – Phone

#### April

15 Rookie Roundup - SSB

#### June

9-10 June VHF QSO Party  
16 Kids Day  
23-24 Field Day

#### July

14-15 IARU HF World Championships

**Vermont QSO Party** 0000Z, Feb 4 to 2400Z, Feb 5

**Minnesota QSO Party** 1400Z-2400Z, Feb 4

**Delaware QSO Party** 1700Z, Feb 4 to 2359Z, Feb 5

**Louisiana QSO Party** 1500Z, Feb 11 to 0300Z, Feb 12

**New Hampshire QSO Party** 1600Z, Feb 11 to 0400Z, Feb 12 and  
1200Z-2200Z, Feb 12

**Mississippi QSO Party** 1500Z, Feb 25 to 0300Z, Feb 26

**North Carolina QSO Party** 1700Z, Feb 26 to 0300Z, Feb 27

### 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 2012 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 jmcloskey@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@arri.net

### ➤ ATLANTIC DIV. HAMFESTS - 2012

#### March 31 - Greater Baltimore Hamboree & Computerfest

Baltimore Amateur Radio Club Maryland State Fairgrounds 2254 York Road Timonium, MD

<http://www.gbhc.org>

#### April 14 - York Hamfest

Porters Community Fire Company 1199 Porters Road Spring Grove, PA 17362

<http://www.yorkhamfest.org>

#### April 21 - Delaware State Convention (Delmarva Amateur Radio & Electronics Expo)

Sussex Amateur Radio Association & Sussex Technical High School  
Sussex Technical High School 17099 County Seat Highway (Route 9)  
Georgetown, DE 19947

<http://www.radioelectronicsexpo.com>

#### April 29 - JSARS Hamfest by the Shore

Jersey Shore Amateur Radio Society Riverwood Park Riverwood Drive  
Toms River, NJ 08753

<http://jsars.org>

#### May 6 - Warminster Hamfest

Warminster Amateur Radio Club  
Middletown Grange Fairgrounds 576 Penns Park Road Newtown, PA 18940  
<http://www.k3dn.org/hamfest.htm>

#### July 8 - Mid-Atlantic ARC's Valley Forge Hamfest

Kimberton Fire Company Fairgrounds Firehouse Lane Kimberton, PA 19442  
<http://www.marc-radio.org>

**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\***

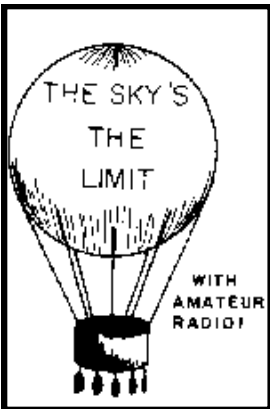
**Bucks County SKYWARN Weather Spotter PRIMARY FREQUENCY: 147.300MHZ (+ 131.8)**  
 Fairless Hills, PA (many remote access locations throughout Bucks County)

**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 Buergers
- 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**

- 445.18125 K3PDR DStar DV
- 445.01875 AA3E Montco RACES

**6 Mtr**

- 53.030 WA3BXW
- 53.230 N3DQZ
- 53.320 K3MFI

**Bucks County Amateur Radio Emergency Service (BCARES)**

[www.bucksares.org](http://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 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:

<b>Full Member:</b>	<b>\$ 20.00</b>
<b>2nd Family Member:</b>	<b>\$ 10.00</b>
<b>Student:</b>	<b>\$ 10.00</b>
<b>Alumni:</b>	<b>\$ 10.00</b>
<b>Associate:</b>	<b>\$ 5.00</b>

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

**2012 Officers**

**Executive Officers**

President	Richard Luce	AG3L	215-441-8264
Vice-President	Irwin Darack	KD3TB	215-343-8170
Secretary	Bernie Paratore	AB3YZ	215-348-2010
Treasurer	Frank Clayton	WD0ESL	215-855-1029
Director (E)	Michelle London	KB3MTW	215-672-7578
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	215-968-6397
Feedback Editor	Jim Elmore	WA4YWM	215-538-1889
Field Day 12	Mark Kempisty	N3GNW	215-953-1493
Fundraising	Adam Huffnagle	KB3JCP	215-442-9526
Hamfest 12	Mark Hinkel	WA3QVU	215-659-4449
Hamwear			
Holiday Dinner	George Brechmann	N3HBT	215-443-5656
Interference	Mark Kempisty	N3GNW	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	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			
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