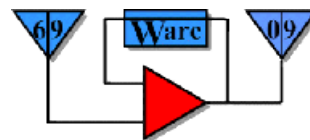




# FEEDBACK



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

Warminster Amateur Radio Club

March 2011

## Next Meeting March 3, 2011 – Repeater Update

### President's Message

Let me start off the column with the upcoming 2011 Hamfest. This year it will be held on Sunday May 1<sup>st</sup> at the Middletown Grange. This means that there are only two general membership meetings prior to the event – March and April. Mark/WA3QVU ([wa3qvu@arrl.net](mailto:wa3qvu@arrl.net)) is the Hamfest chairman, and he needs YOUR help to pull this event off successfully. This is the one event each



year where we need to ask as many of the members as possible to participate in the various aspects. Mark will be talking up the Hamfest and asking for help in various positions. Last year's Hamfest was a success and hopefully Mother Nature will look favorably again on us this year.

Mark is making arrangements for informative system and equipment demonstrations at the Hamfest by neighboring radio clubs. That should be fun to

participate in or just watch.

As prizes, this year we have two Wouxun dual-band HT radios to give away. These radios are rather unique in that they have a number of unusual features including: flashlight beam, cross-band operation, FM broadcast radio receiver, and audible functions in English and Chinese. Ed Griffin of Wouxun.us has generously donated two sets of accessories to go along with the radios. **THINK HAMFEST!**

Irwin/KD3TB, our club vice president, has come up with some nice programs for you again. This month, in March, we have Brian/N3EXA and Al/WI3Z to speak about the changes to the repeater system. We have been upgrading the system with newer equipment, and we have the ECHOLINK system operational. The ECHOLINK system allows the use of the repeater system from outside of the area. So the Brian and Al presentation should be very informative.

In April, Irwin is still working on having Norm/W3IZ of ARRL back again to talk about Logbook of the World (LOTW) and other ARRL related points of interest.

Now here is the part that I definitely need **YOUR FEEDBACK**. In the Fall, we want to have a trip as we did last year. There have been some suggestions and we need to know your preferences of the following three (3): Lackawanna Railfest at Steamtown, Bowie Radio and Television Museum, or the Battleship NJ.

### LACKAWANA RAILFEST AT STEAMTOWN NHS

– A number of club members are train enthusiasts also. One event that I have always enjoyed was the RAILFEST in Scranton. Lackawanna Railfest seeks to highlight advances in railroad technology by



contrasting a variety of modern and historic rail equipment. This will be accomplished by presenting a variety of programs; visiting equipment owners will work with Steamtown NHS staff to develop public programs. The event is designed to educate the public, many of whom mistakenly believe the rail industry is in decline, about the amazing environmental and technological transformation of the industry - especially during the previous 10 -20 years. It will strengthen the Park's relationship with major Class I freight and passenger carriers who will gain a better understanding of the mission of the Park and explore the mutual benefits of partnering with Steamtown National Historic Site. This year's RAILFEST hasn't yet been announced but it's usually just prior to the Labor Day weekend. I need to obtain additional information if there is interest.

If anyone is interested in this trip, I can get additional details on

(Continued on page 2)

(Continued from page 1)

hours of operation, costs, and the like. We would travel via Hagey Tours as we did going to the ARRL HQ in Newington, CT last year. So if we go, this would be a one day trip, leaving in the morning and returning to the Ben Wilson Senior that evening.

**BOWIE RADIO and TELEVISION MUSEUM** – This was brought to my attention by Lamar/K3UCI of the RF Hill Club and it looks like winner. The website for the museum is [www.radiohistory.org](http://www.radiohistory.org).



The museum is located at the Harmel House in Bowie, Maryland and contains seven galleries providing a chronological history of the receivers used by the radio listener and the television watcher over the years. Here, the museum provides a brief overview of what you will see. In addition to the Bowie Museum, they operate displays in two other locations. The George Washington University Media and Public Affairs building features a large main floor historical display that changes every few months. And the Library of American Broadcasting in College Park, Maryland, displays a number of our console radios dating from the 1920s into the 1960s.

The RHS maintains two other Washington, D.C.-area exhibit sites full-time, and provides occasional special short-term displays from time to time as well. If anyone is interested in this trip, I can get additional details on hours of operation, costs, and the like. We would travel via Hagey Tours as we did

going to the ARRL HQ in Newington, CT last year. So if we go, this would be a one day trip, leaving in the morning and returning to the Ben Wilson Senior that evening.

**BATTLESHIP NEW JERSEY MUSEUM** – This would be a follow-up to our presentation last year by the folks at the Battleship New Jersey Museum. It too looks like winner. The website for the museum is <http://www.battleshipnewjersey.org/>.



Tours of the “Big J”, led by our expertly-trained docents, give visitors an up-close-and-personal look at so many things that make the Battleship New Jersey unique: weapons systems, berthing areas, command and control centers, galley, on-board museum exhibitions and so much more! We need special permission to operate in the radio room, but that should be no problem.

Add to that a wide range exciting options such as a live USO-style show, discounted joint tickets to other area attractions including Adventure Aquarium and the National Constitution Center, an on-board mystery show, a ride on our 4D Flight Simulator, and delicious catered food packages, and you have an ideal outing that your group will long remember.

FYI Blueprint drawings for the Battleship New Jersey required 3,432,000 man-hours to produce, or 206 years of work for one draftsman! 175 tons of blueprints were produced to build the Battleship New Jersey, equaling a single strip of paper 30" wide and 1,100 miles long! We look forward to welcoming you and your “crew” aboard the legendary Battleship New Jersey.

We would travel via Hagey Tours as we did going to the ARRL HQ in Newington, CT last year. So if we go, this would be a one day trip, leaving in the morning and returning to the Ben Wilson Senior that evening.

In this month’s article I had a number of subjects to cover, and as always, your FEEDBACK is always solicited and welcome. We want your input – this is YOUR club, and your comments either way, are really appreciated.

73s

Richard (Rich) Luce / AG3L

Club President

Warminster Amateur Radio Club

(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 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: [WARCmembership@K3DN.org](mailto:WARCmembership@K3DN.org). Thank you.

## PROGRAMS

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

This meeting will feature an update from Brian, N3EXA and Al, WI3Z on our Repeater and the Echo Link functionality. Brian and Al continuously update our repeater to enhance its performance and coverage. Echo Link is a way to link to repeaters worldwide, including our repeater, through the internet. Echo link is a great way to stay connected if you are out of the repeater coverage range.

**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** – Fox Hunting

**October 6, 2011** –

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

**December 1, 2011** – Annual Warminster ARC Dinner.

## FOR SALE

Welz CT150 coaxial termination	\$30	Kenwood RD-20 dummy	\$15
Bushnell field glasses	\$25	Micronta SWR/power meter	\$15
Radio Shack six outlet power strip	\$5	Small bench vise	\$5
Astron RS-35A power supply	\$80		
Contact Don Rector W3UBF Phone: 215-393-4642			
Email: <a href="mailto:byronrector66@yahoo.com">byronrector66@yahoo.com</a>			

**Warminster Amateur Radio Club  
General Meeting Minutes  
February 3, 2011**

Meeting was called to order by the President, Rich (AG3L) at 7:30 pm.

Rich – There are only two more club meetings until the Hamfest.  
There are two dual-band HT's for prizes

INTRODUCTIONS:

TREASURER REPORT- Rich (AG3L):

As given

MINUTES FROM THE JANUARY 6, 2009 MEETING:

A motion was made, seconded and unanimous vote to accept them as printed in the Feedback Newsletter.

PROGRAMS- Irwin (KB3TB):

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)

Trying to get Norm Fusaro to present LoTW.

May 5, 2011 – Digital Modes – PSK31, RTTY, etc. May have an Activity Night instead.

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

July 7, 2011 - Storm Chasing Presentation

August 4, 2011 – Software Defined Radio – What's New

September 1, 2011 – Fox Hunting

October 6, 2011 – Open

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

December 1, 2011 – Annual Warminster ARC Holiday Dinner.

COMMITTEE REPORTS:

LIBRARY- Bill(K3ZMA):

Book Secret Wireless War is back in the library.

Questions and Answers donated by Karl (K3KH)

Older Handbook donated by Tom (KD3DI)

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

There are currently 117 paid-up members. There are 92 members who are ARRL members. Every member is encouraged to join the ARRL. The club must have at least 50% of its members as ARRL members to keep the WARC's affiliation. ARRL annual membership dues are \$39.00.

CLASSES - George (KA3WXXV):

This spring there will be a class for the General level. It will start the first Monday in March (March 7<sup>th</sup>). It will last eight to ten weeks and use the ARRL book.

HAMFEST:

Mark WA3QVU thanked Al (WI3Z) for designing the Hamfest postcard.

He then asked the question – What makes our Hamfest different? Grange Ladies Food and demos like Philadelphia Digital Repeater Assoc. with a D Star hot spot. Others might include BCARES, Pack Rats, Linux by Karl (K3KH) or K3PFS with a V/UHF.

GOOD and WELFARE- VINCE (KD3TC):

Burt (N3YVH) is here tonight. He is feeling better.

OLD BUSINESS:

None.

NEW BUSINESS:

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(Continued from page 4)

None

TONIGHT'S PROGRAM:

- **February 3, 2011 – Annual Club Auction**

Submitted:

WDØESL, Club Secretary

February 6, 2011

### **General Class Ham radio classes**

Warminster Amateur Radio Club sponsors Classes for all 3 levels of licensing in the hobby.

There is no charge for the classes but you may want to purchase a study guide through the ARRL or other sources.

### **General Class Ham radio classes on March 7<sup>th</sup>, 2011**

The Warminster Amateur Radio Club will be offering free ham radio Licensing classes for the General license starting on **Monday, March 7<sup>th</sup>, 2011** at the Benjamin Wilson Community Center. The classes will start at 7:00 pm and last until 9:00 pm and run for 8 weeks. The Classes are free, but the students will be responsible for any study guides.

All classes are at the  
Benjamin Wilson Senior Center  
580 Delmont Ave.  
Warminster, PA

Also, people who are interested in attending Technician and Extra classes, please contact George Brechmann below. When there are sufficient numbers, we'll schedule the classes.

For further information

Contacts: George Brechmann at 215-443-5656 or n3hbt@arrl.net

### **Solar Update**

Tad "Away from the Sun" Cook, K7RA, reports: The weekly averages for solar flux and sunspot numbers were nearly unchanged this week, although last week they were rising and this week declining. The average daily sunspot number was down less than five points to 65, while the average daily solar flux was up just 0.3 points to 103.8. The outlook from NOAA/USAF shows a gradually rising solar flux, 85 on February 24-26, 88 on February 27 through March 3, 90 on March 4 and rising to 110 on March 10-15. The predicted planetary A index for February 24-through March 5 is 5, 7, 7, 5, 15, 12, 8, 10, 7 and 5. Sunspot groups 1161 and 1162 -- which brought so much activity last week -- are now rotating over our Sun's western horizon, but with the STEREO craft, we can see a new active region rotating over the eastern horizon. The predicted geomagnetic storm just before last weekend's ARRL International DX CW Contest did not persist, lasting only half a day through February 18. Look for more information on the ARRL website on Friday, February 25. For more information concerning radio propagation, visit the ARRL Technical Information Service Propagation page. This week's "Tad Cookism" is brought to you by 3 Doors Down's *Away from the Sun*.

*Courtesy of the ARRL Newsletter*

### **Three Yachtsmen Killed by Somali Pirates were Hams**

Four Americans -- including three Amateur Radio operators -- who were being held hostage on their yacht by pirates off the coast of Oman have been killed. Scott Adam, K9ESO, and his wife Jean, KF6RVB, along with Bob Riggle, KE7IIV, and Phyllis Macay were on board the S/V *Quest* when pirates boarded their vessel on Friday, February 18. The Adams were based in the Los Angeles area; Riggle and Macay were from Seattle.

According to the US Central Command, the boat was in the Indian Ocean, headed toward the Somali coast when on Friday, the 58 foot yacht sent a distress signal. The boat was being trailed by US Navy forces; it was about a two day sail from the Somali coast. They had begun tracking the yacht after being alerted that a Danish naval helicopter had seen the *Quest* off Oman under the pirates' control. The Central Command oversees US anti-piracy operations in the Indian Ocean.

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*(Continued from page 5)*

Officials were in the process of negotiating for the Americans' release when gunfire was heard around 1 AM (EST) on Tuesday, February 22. "As (US forces) responded to the gunfire, reaching and boarding the *Quest*, the forces discovered all four hostages had been shot by their captors," a statement from US Central Command said. "Despite immediate steps to provide life-saving care, all four hostages ultimately died of their wounds."

*Courtesy of the ARRL Newsletter*

## **AMATEUR RADIO IN SPACE: ARISSAT-1 DEPLOYMENT POSTPONED**

According to the AMSAT News Service, the deployment of the ARISSat-1 satellite from the International Space Station -- previously scheduled for Wednesday, February 16 -- has been postponed. The postponement was necessary because of changes in the work schedule for the February 16 space walk. Instead, ARISSat-1 deployment will be added to a spacewalk scheduled for July 2011.

When launched, ARISSat-1 will add another dimension to science classrooms worldwide, in addition to space communications for the Amateur Radio community. Unfortunately this delay will considerably narrow the window of opportunity for US school calendar activities, but may provide opportunities for summer learning activities.

The project is a cooperative effort between AMSAT, ARISS (Amateur Radio on the International Space Station,) RSC-Energia (the Russian space agency) and NASA. The design, development and construction of the satellite were done entirely by AMSAT volunteers. Original plans called for the satellite to be hosted inside an old Russian spacesuit. But when the suit became unavailable, the radio equipment was modified and refitted to a newly designed space frame and named ARISSat-1.

After it is deployed from the International Space Station, ARISSat-1 is expected to be operational in orbit for up to six months. For more on ARISSat-1, check out this article <<http://www.arrl.org/files/file/ARISS/Get%20Ready%20for%20ARISSat-1-QST%20Feb%202011.pdf>> from the February 2011 issue of QST.

*Courtesy of the ARRL Newsletter*

## **Spectrum Management Bill Threatens Amateur Frequencies**

On February 10, Representative Peter King (R-NY-3), Chairman of the House Homeland Security Committee, introduced HR 607, the *Broadband for First Responders Act of 2011*. The bill has been referred to the House Energy and Commerce Committee, which handles telecommunications legislation. HR 607 addresses certain spectrum management issues, including the creation and maintenance of a nationwide Public Safety broadband network. As part of that network, the bill provides for the allocation of the so-called "D-Block" of spectrum in the 700 MHz range for Public Safety use.

The D-Block consists of two, 5-megahertz-wide segments of spectrum (758-763 and 788-793 MHz) that became available when the FCC ended analog television broadcasts in June 2009 and reallocated the 698-806 MHz band for Public Safety and commercial broadband. It was anticipated that the D-Block would be auctioned for commercial use. There are several bills in Congress providing for the allocation of the D-Block for Public Safety use, and HR 607 is one of those. But HR 607 uniquely provides for the reallocation of other spectrum for auction to commercial users, in order to offset the loss of revenue that would occur as the result of the allocation of the D-Block to Public Safety instead of commercial auction. HR 607 lists the paired bands of 420-440 MHz and 450-470 MHz among the bands to be reallocated for commercial auction within 10 years of its passage.

"Of serious concern to the ARRL is the inclusion of the 420-440 MHz amateur allocation in the list of frequencies to be cleared for auction," said ARRL Regulatory Information Manager Dan Henderson, N1ND. "The ARRL and the Amateur Radio community certainly support the work of public safety agencies and understand their desire for an interoperable network; however, the inclusion of most of the amateur 70 cm spectrum as one of the replacement bands is illogical and unacceptable. The 420-440 MHz band is not Public Safety spectrum and should never have been included in any spectrum swap of Public Safety allocations."

Saying that the ARRL Washington team has already begun meeting with key Congressional staff on Capitol Hill, Henderson noted that Amateur Radio already shares the 70 cm band on a secondary basis with the governmental radiolocation services, such as the PAVE PAWS radar systems: "The 70 cm band is a critical and irreplaceable resource for Amateur Radio public service and emergency communications. The specification of the 420-440 MHz band in this legislation is ill-conceived. To be sure, the ARRL will vigorously oppose this legislation in its present form. It is, as evidenced by other legislation, completely unnecessary to the creation of a nationwide Public Safety broadband network or the use by Public Safety of the D-Block for that purpose. The role of the Ama-

*(Continued on page 7)*

teur Service as a partner to Public Safety in the provision of public service and emergency communications necessitates the retention of full access to the entire 420-440 MHz band.”

HR 607 is presently cosponsored by the Homeland Security Committee’s Ranking Member, Representative Bennie Thompson (D-MS-2) as well as Representatives Shelley Berkley (D-NV-1), Yvette Clarke (D-NY-11), Billy Long (R-MO-7), Candice S. Miller (R-MI-10), Laura Richardson (D-CA-37), Mike Rogers (R-AL-3), and Michael Grimm (R-NY-13).

“As we continue to track the progress of HR 607, I urge ARRL members to watch for further information about the bill on the ARRL website,” Henderson said. “When that additional information is released, it will include a request to contact your representative and express opposition to HR 607, as long as it includes a provision to auction off any Amateur Radio spectrum for commercial use. ARRL members may also sign up for the *ARRL Legislative Update Newsletter* and automatically receive information as it becomes available. Sign up by logging onto the ARRL website and select the ‘Edit Your Profile’ link located at the top of each page. Once on that page, select the ‘Edit Email Subscriptions’ tab and click on the box for *ARRL Legislative Update*.” The *ARRL Legislative Update* is prepared on an “as needed” basis to those who have opted-in to receive it. A new edition addressing HR 607 will be forthcoming soon.

### 2011 Contest Calendar

#### March

5-6 International DX Contest – Phone

#### April

17 Rookie Roundup - SSB

#### June

11-13 June VHF QSO Party

25-26 Field Day

Idaho QSO Party 1900Z, Mar 12 to 1900Z, Mar 13

Wisconsin QSO Party 1800Z, Mar 13 to 0100Z, Mar 14

Oklahoma QSO Party 1300Z, Mar 19 to 0200Z, Mar 20 and 1300Z-1900Z, Mar 20

Virginia QSO Party 1800Z, Mar 19 to 0100Z, Mar 21

North Dakota QSO Party 1800Z, Mar 19 to 1800Z, Mar 20

### ➤ ATLANTIC DIV. HAMFESTS - 2011

**March 26-27** Baltimore Amateur Radio Club Maryland State Fairgrounds  
2200 York Road Timonium, MD <http://www.gbhc.org>

**April 9** York Hamfest Foundation Porters Community Fire Hall  
1199 Porters Road Spring Grove, PA 17362  
<http://www.yorkhamfest.org>

**April 30** Antietam Radio Association (W3CWC)  
Ag Expo Center 7313 Sharnsburg Pike (Route 65) Boonsboro, MD 21713  
<http://w3cwc.org>

**May 1** Warminster Amateur Radio Club  
Middletown Grange Fairgrounds 576 Penns Park Road  
Newtown (WrightstownTwp), PA

**May 29** Maryland FM Association  
Howard County Fairgrounds 2210 Fairgrounds Road  
West Friendship, MD 21794

### 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](mailto: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@arri.net](mailto:w3pa@arri.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

**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**

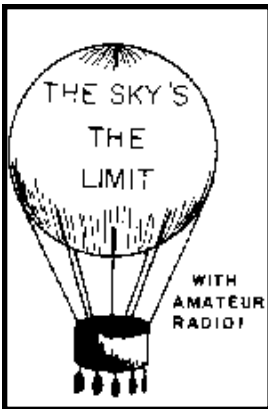
- 442.650 DVRA
- 443.250 TAG
- 443.050 Metro-Comm
- 443.950 Warminster
- 444.200 BEARS
- 449.325 KA3WXV
- 447.475 WR3B
- 447.625 WE3E
- 448.225 Penn Wireless

**D-STAR**

- 447.625 K3PDR DStar DV

**6 Mtr**

- 53.030 WA3BXW
- 53.230 N3DQZ
- 53.320 K3MFI



*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.

This spring there will be a class for the General level. It will start the first Monday (March 7) in March. It will be 7:00 - 9:00 and will last eight weeks and use the ARRL book.

**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 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	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)	Brian Taylor	N3EXA	215-257-6303
Past President	Larry Abbott	WA3ELQ	215-443-7521

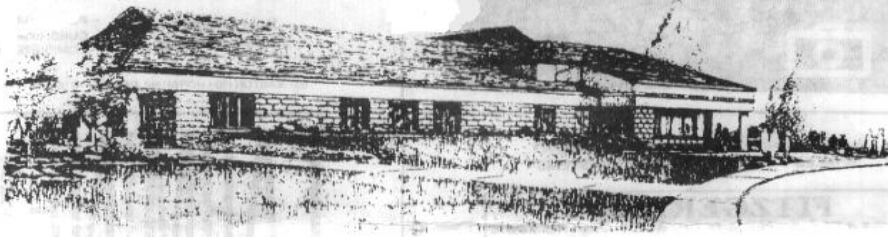
**Committee Chairpersons**

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	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	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](mailto:k3dn@k3dn.org)

For Feedback articles:

[wa4ywm@comcast.net](mailto: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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