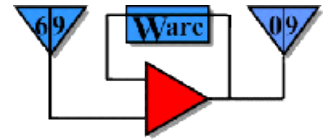




# FEEDBACK



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

Warminster Amateur Radio Club

April 2011

## Next Meeting April 7, 2011 – ARRL Night

### President's Message

By the time you are reading this column, we will be down to just over one month before our May 1<sup>st</sup> Warminster ARC Hamfest. If you haven't already contacted Mark / WA3QVU, our hamfest chair, please call him at 215-659-4449, or email Mark at: [wa3qvu@arrl.net](mailto:wa3qvu@arrl.net) Mark will assign you to a suitable position. And please remember to volunteer at the end for help in getting the Grange grounds back to how we found them.

We have a club election coming up in June 2011. Two of the most difficult issues I have to deal with as Warminster ARC's President is broadening our leadership base and making sure there is an appropriate level of participation by the general membership in all our endeavors. We all recognize that Warminster ARC is a part time activity and has to be worked into our commitments to family, career and other outside interests. The more we spread responsibilities through the membership base, the more the club can do and the less likelihood of "burnout" from our most active members.

So if you have the time and inclination to participate, please consider making a one year commitment. Also, we need help with the nominating committee for the club officer's election in June. We need 2 members to nominate members for the various positions in the June election. Please see Rich / AG3L or Irwin KD3TB if you can help.

What about those who "just want to be members"? How about each year trying to achieve the following: Attending at least half the club's monthly general meetings (let us know what you think of the refreshments or anything else that goes on) and one board meeting (see how the majority of club business is transacted. Coming out to one major club sponsored activity (e.g. Field Day, Hamfest). Participating in one public service event (there's plenty to choose from). Additionally try checking into either the two meter or ten meter net at least once a month.

This year is Warminster's 300<sup>th</sup> anniversary – it's Tricentennial. We have monthly activities planned in celebration. One activity that I'm involved with is the Warminster Tricentennial Geocache event on Saturday May 14<sup>th</sup> in the large community park. As this is an official township event, we are asking for the club's help at the activity. You would be monitoring the participants, helping with directions, and generally alerting them to be at various locations at certain times. As you know, this is a very large park, and keeping track of the event will be difficult without communications. If you are interested, please see Burt Ludin / N3YVH (267-441-6900) or Rich / AG3L. Pizza and lunch will be served. Please feel free to bring your kids, grand children, friends and family. This is a family event. See details on [www.warminstertownship.org/tricentennial](http://www.warminstertownship.org/tricentennial) for additional information.

As many of you already know, we had to cancel the trip to the Greater Baltimore Area Hamfest on March 26<sup>th</sup> as we didn't have enough time to fill the bus. Lesson learned: we need to start sooner to plan the trip. So we already have a number of folks who want to attend next year. Sorry for the disappointment, but we did not want to lease a bus with fewer than the full 28 max capacity. Let's plan for next year earlier!

73's

Richard (Rich) Luce / AG3L  
Club President  
Warminster Amateur Radio Club, Inc.  
[ag3l@arrl.net](mailto:ag3l@arrl.net)

*(Continued on page 2)*

(Continued from page 1)

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

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

INTRODUCTIONS:

MINUTES FROM THE FEBRUARY 3, 2010 MEETING:

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

TREASURER REPORT- Rich (AG3L):

As given

COMMITTEE REPORTS:

PROGRAMS- Irwin (KB3TB):

April 7, 2011 – ARRL Night – Eric Olena (WB3FPL) Eastern PA Section Manager and Hamfest (May 1, 2011) Planning.

May 5, 2011 – Lightning Protection by Andy (KD3RF) and Ken (KE3C)

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

July 7, 2011 - Digital Modes – PSK31, RTTY, etc.

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

September 1, 2011 – Open

October 6, 2011 – Open

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

December 1, 2011 – Annual Warminster ARC Holiday Dinner.

CLASSES - George (KA3WXV):

The Club will be offering free ham radio Licensing classes for the General license starting on Monday, March 7th, 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.

PUBLIC SERVICE – George (N3HBT):

None.

Rich (AG3L) – He will need help on March 14 at the Kemper Park as part of the Tricentennial.

Michael (KB1JEY) Needs help on April 17 for the Revolutionary Run at Valley Forge Park.

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

There are currently 111 paid-up members. There were 25 members who have not renewed. A membership list was sent around for checking names and email addresses. Two new members/guests tonight: K3ULR and KB3BMN. Every member is also encouraged to join the ARRL. The club must have at least 50% of its members as ARRL members to keep the WARC's ARRL Special Service Club affiliation. ARRL annual membership dues are \$39.00.

Michelle(KB3MTW) announced that the next BCARES meeting will be next Tuesday.

HAMFEST Mark (WA3QVU):

(Continued on page 4)

---

---

## CLUB INFO

### PUBLIC SERVICE

Rich (AG3L) – He will need help on May 14 at the Kemper Park as part of the Tricentennial.  
Michael (KB1JEY) Needs help on April 17 for the Revolutionary Run at Valley Forge Park.

### 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

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

**May 5, 2011** – Lightning Protection by Andy (KD3RF) and Ken (KE3C)

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

**July 7, 2011** - Digital Modes – PSK31, RTTY, etc.

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

**September 1, 2011** – Open

**October 6, 2011** – Open

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

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

## FOR SALE

|                                    |      |                          |      |
|------------------------------------|------|--------------------------|------|
| Bushnell field glasses (7x50)      | \$25 | Micronta SWR/power meter | \$15 |
| Radio Shack six outlet power strip | \$5  | Small bench vise         | \$5  |

Contact Don Rector W3UBF Phone: 215-393-4642  
Email: [byronrector66@yahoo.com](mailto:byronrector66@yahoo.com)

Two Chinese HT's have been purchased as Hamfest door prizes. Port-a-potties and a dumpster have been rented

GOOD and WELFARE:

Gene Pressler is SK

LIBRARY- Bill (K3ZMA):

Tim (K3SSB) donated a 1947 ARRL Handbook.

OLD BUSINESS:

None.

NEW BUSINESS:

Michelle (KB3MTW) announced that the Trenton Computer Fest ([www.tcf-nj.org](http://www.tcf-nj.org)) will be held Saturday and Sunday April 2 & 3.

Gene commented that at the Annandale Hamfest if the cash register was opened for 15 sec. it sounded SOS.

50/50:

Bernadette (N3YNO)

TONIGHT'S PROGRAM:

Repeater Update and EchoLink by Brian (N3EXA) and Al (WI3Z)

Submitted: WDØESL, Club Secretary, March 8, 2011

**SOLAR UPDATE**

Tad "The Sun is shining, it's a lovely day <<http://www.youtube.com/watch?v=z36r2fmutXQ>>" Cook, K7RA, reports: The activity we could see recently on our Sun's far side -- thanks to the STEREO mission <<http://stereo.gsfc.nasa.gov/>> -- has been rotating into view, producing some nice sunspot activity, resulting in improved upper-HF propagation. Compared to the previous week (March 17-23), the past week (March 24-30) showed average daily sunspot numbers up more than 61 points to 102.1, while the average daily solar flux was up nearly 20 points to 114.7. Geomagnetic conditions were quieter as well, and reports from readers show greatly improved propagation on 20, 15 and 10 meters. This table <<http://www.swpc.noaa.gov/ftpdir/indices/DSD.txt>> shows a new sunspot group on March 23, two more groups appeared March 24, two more on March 25 and another two more on March 27. The latest prediction from USAF/NOAA sees improving conditions, with the projected solar flux for March 31-April 1 at 125 and 130, then 135 on April 2-7. The predicted planetary A index is 10 and 8 on March 31 and April 1, followed by 5 on April 2-7 and 8 on April 8. Conditions should be very good for the next week, especially when compared to this time last year. Look for more information on the ARRL website -- including an updated forecast and reports from readers, as well as the latest 3-month moving average of sunspot numbers -- on Friday, April 1. 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 the song Avenue Q Theme <<http://www.youtube.com/watch?v=z36r2fmutXQ>> from the musical Avenue Q <[http://en.wikipedia.org/wiki/Avenue\\_Q](http://en.wikipedia.org/wiki/Avenue_Q)>.

*Courtesy of the ARRL Newsletter*

**NEW MARS ROVER TO FEATURE MORSE CODE**

As the Jet Propulsion Laboratory (JPL <<http://marsprogram.jpl.nasa.gov/msl/>>) builds the next Mars rover -- this one is named Curiosity -- to deploy to the red planet in the fall of 2011, they're having a little fun with it. Back in 2007 when the Curiosity team was putting together the rover, its wheel cleats had a raised pattern with the letters "JPL," leaving a little stamp of the rover's birthplace everywhere it rolled. "At the time, I asked whether the real rover would have those wheels, and they said, no, they weren't going to get to advertise JPL with each turn of each of the rover's six wheels; the real rover would have some other pattern," said Emily Lakdawalla of The Planetary Society <<http://www.planetary.org/>> in her blog <<http://www.planetary.org/blog/article/00002967/>>. Lakdawalla is the organization's Science and Technology Coordinator.

Lakdawalla said that there is nothing special about the shapes of the markers in Opportunity's wheels; they are just square holes through the wheels through which the wheels were bolted to the lander during cruise and landing. "Opportunity is the name of the rover that went to Mars back in 2003. "But Curiosity didn't need holes in its wheels for attaching to any lander -- there isn't one. So the engineers got to make the markers in any shape they wanted to."

But in March 2011, she saw a video <<http://www.youtube.com/watch?v=G019Jci0abs>> of the rover as it is today: "I had to chuckle at those 'visual odometry markers' [on its tires]. Before I explain why, I'll point out that they really are useful things to have in rover wheels. The repeating pattern of the 'visual odometry markers'...makes it fairly easy for both the rover and human operators to determine visually how far the rover has roved using rear-view imagery."

So what pattern did JPL choose to put on Curiosity's wheels? One that Lakdawalla called "very amusing. The holes are in a pattern of short squares and longer rectangles -- almost like dots and dashes. Morse code." And what does it spell out in Morse code? JPL.

According to JPL, Curiosity is about the size of a small SUV -- 10 feet long (not including the arm), 9 feet wide and 7 feet tall -- or

(Continued from page 4)

about the height of a basketball player -- and weighs 2000 pounds. It features a geology lab, rocker-bogie suspension, a rock-vaporizing laser and lots of cameras. Curiosity will search areas of Mars for past or present conditions favorable for life and for conditions capable of preserving a record of life. It is set to launch between November 25-December 18, 2011 from Cape Canaveral, Florida and will arrive on Mars between August 6-20, 2012. The prime mission will last one Mars year, or about 23 Earth months

*Courtesy of the ARRL Newsletter*

### **WESTERN PENNSYLVANIA HAMS RESPOND AS TORNADO SWEEPS THROUGH AREA**

At approximately 4:30 on the afternoon of Wednesday, March 23, severe thunderstorms started to roll into Westmoreland County, Pennsylvania, producing golf ball-sized hail and heavy winds. Members of the Westmoreland County Public Service/ARES® group began to meet on the W3CRC repeater in Derry, Pennsylvania, which serves as the main ARES®/SKYWARN repeater in Westmoreland County. Soon after, the National Weather Service issued a tornado warning for the area and the Public Service Net was opened formally at 5 PM. Walter Bashaw, W3ZEH, began taking check-ins and reports of severe weather, relaying them to the NWS in Pittsburgh.

“Hams reported a funnel cloud near the Fort Allen and greater Greensburg area to net control, and this information was reported to WX3PIT -- the Amateur Radio station at the NWS office in Pittsburgh -- 15 minutes before it was reported on the local TV stations,” ARRL Westmoreland County Emergency Coordinator Chuck Mills, W3YNI, told the ARRL. “The storm continued to move east toward Latrobe, where additional large sized hail was reported.”

Ralph Ofchinick, W3ZPI, and Jay Schall, KB3NSJ, activated the ham station at the Greensburg Emergency Operations Center, and continued to provide communications support. At 5:30 PM, a second, but not quite as strong storm, moved through the area, producing additional heavy rain and hail. Rick Varnise, K3EPV, deployed to a shelter in Hempfield Township that had been set up for victims of the tornado.

Mills said that the NWS classified the tornado as an F2 in strength, with winds topping 120 MPH. Many homes in the area were destroyed or damaged as the tornado continued along its seven mile path. Westmoreland County Deputy Emergency Management Coordinator Dan Stevens said that the tornado destroyed at least 30 homes and damaged at least 90. There were no reports of serious injuries.

*Courtesy of the ARRL Newsletter*

### **AMATEURS ASSIST WITH OCEAN RESCUE**

At 10:04 AM PDT (1704 UTC) on Monday, March 21, Rex Weinheimer, KC5AGO, of Stonewall, Texas -- a member of Maritime Mobile Service Net (MMSN) -- heard and responded to a weak and broken MAYDAY call. The call was from the sailing vessel *Gloria Jean*, a 30 foot sailboat that was in the Pacific Ocean about 120 miles west of Ensenada, Mexico. Weinheimer heard the distress call on 14.300 MHz, a frequency monitored by the MMSN.

MMSN Net Controller Lee Langford, KG4DZN, told the ARRL that through the combined efforts of several net stations, the net was able to ascertain the situation and the position of the stricken vessel. MMSN operators contacted both the US and Mexican Coast Guards and both services deployed assets to the scene. The US Coast Guard (USCG) dispatched an MH-60 Jayhawk helicopter from San Diego and a C-130 Hercules plane from Sacramento. According to the USCG, the *Gloria Jean* had no propulsion, food, water or safety equipment.

“The sailing vessel *Estarma* -- an MMSN net participant -- changed course to assist the crippled *Gloria Jean* and provided information on scene,” Langford told the ARRL. A USCG rescue swimmer was lowered from the helicopter as it hovered near the disabled sailboat. The 77 year old sailor and his dog were hoisted aboard the helicopter at 2:50 (PDT) that afternoon.

“It was about 15- to 18-foot seas, with the boat dead in the water,” Coast Guard Aviation Survival Technician Mike Linehan told San Diego television station KGTV. “The waves were pushing it away from me as I was trying to get to it. It was challenging swimming to the boat. It was really hard to talk to him at first. We found out later that he didn’t have his hearing aids in.”

The sailor told USCG personnel that he had been stranded for days and that he was on his way to Tahiti. He was running low on food, water and safety supplies. “The boat was unable to sail,” said USCG Lieutenant Commander Chip Lewin. “The sails were ripped and the master and his dog were sitting inside.”

Langford offered his thanks to all the Amateur Radio operators “who assisted with relays and patiently provided a clear frequency. Without them, this rescue would not have been possible.”

“It’s truly is a wonderful thing to be able to help anyone in need. Amateur Radio is based on service,” Weinheimer said.

The Maritime Mobile Service Net mission is handling traffic from maritime mobiles and deployed service personnel overseas. MMSN operates on 14.300 MHz USB -- a recognized Center of Activity frequency -- with its sister nets Intercontinental Traffic Net and Pacific Seafarer’s Net. -- *Thanks to KGTV San Diego for additional information*

*Courtesy of the ARRL Newsletter*

(Continued on page 6)

## FCC SEEKING COMMENTS ON ARRL PETITION REGARDING TDMA

Earlier this month, the ARRL filed a *Petition for Rulemaking and a Request for Temporary Waiver with the FCC*, seeking authorization of the use of single-time-slot Time Division Multiple Access (TDMA) emissions in the amateur bands at and above 50 MHz, wherever multiple-time-slot TDMA is authorized. The FCC has designated the *Petition* as RM-11625 and is soliciting comments on it. Comments may be filed electronically and will be accepted until April 22.

Through this rulemaking, the ARRL seeks to facilitate the use of and experimentation by radio amateurs with existing narrowband spectrum-efficient digital voice and data technology. "Such technology is now in regular and increasing use in the private land mobile radio services, but its use in the Amateur Radio Service is now apparently unintentionally precluded by two specific Commission rules," the ARRL's *Petition* stated. The *Petition* asks the FCC to allow those amateurs who are presently using a Motorola narrowband (12.5 kHz) digital land mobile system -- commercially marketed as MotoTRBO -- to be used legally. Because of some restrictions in the Part 97 rules, the TDMA repeaters (which are multiple-time-slot devices) are legal, but the mobiles and portables are not because the emissions used (single-time-slot TDMA) are not authorized anywhere, due to the emission designator.

*Courtesy of the ARRL Newsletter*

## TWO ASTRONAUTS GET THEIR HAM TICKET

Even though they aren't scheduled to go to the International Space Station (ISS)

### 2011 Contest Calendar

#### April

17 Rookie Roundup - SSB

#### June

11-13 June VHF QSO Party

25-26 Field Day

#### QSO Parties

**Missouri** 1800Z, Apr 2 to 0500Z, Apr 3 and 1800Z-2359Z, Apr 3

**Montana** 0000Z, Apr 9 to 2400Z, Apr 10

**New Mexico** 1400Z, Apr 9 to 0200Z, Apr 10

**Georgia** 1800Z, Apr 9 to 0359Z, Apr 10 and 1400Z-2359Z, Apr 10

**Michigan** 1600Z, Apr 16 to 0400Z, Apr 17

**South Dakota** 1700Z, Apr 23 to 1700Z, Apr 24

**Nebraska** 1700Z, Apr 23 to 1700Z, Apr 24

**Florida** 1600Z, Apr 30 to 0159Z, May 1 and 1200Z-2159Z, May 1

### ➤ ATLANTIC DIV. HAMFESTS - 2011

**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 Sharpsburg 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

**June 11** Columbia-Montour ARC Lime Ridge Community Center 6405 4th Street

Lime Ridge, PA

<http://www.qsl.net/cm-arc/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 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@arrl.net](mailto: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

**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**

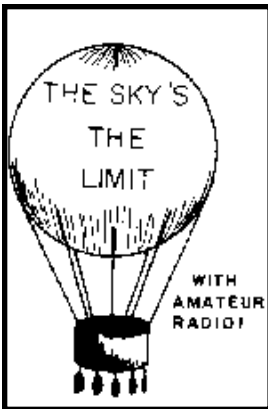
- 442.650 DVRA
- 443.250 TAG
- 443.050 Metro-Comm
- 443.950 Warminster
- 444.200 BEARS
- 449.325 KA3WXV
- 447.475 WR3B
- 447.625 WE3E
- 448.225 Penn Wireless

**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.

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.

## 2011 Officers

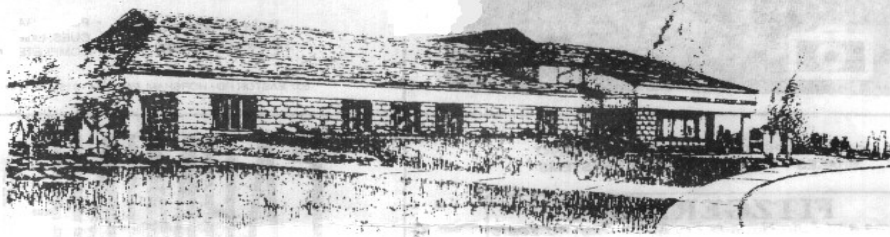
### Executive Officers

|                |                 |        |              |
|----------------|-----------------|--------|--------------|
| 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           | 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 |



**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**

---

until 2013, two  
astronauts -- Chris  
Cassidy and Luca  
Parmitano -- are  
now licensed ama-

---

**Address Service Requested. If  
Undeliverable, Return to Sender.**