



# FEEDBACK



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

Warminster Amateur Radio Club

September 2015

## Next Meeting September 3rd, 2015 - Homebrew

### President's Message

As Summer winds down, and we head towards Fall, that means Contest Season! Contesting offers us a great chance to test our operating skills, and to "stretch" our equipment for a weekend. Some of the events slated for September include the ARRL EME Contest on the weekend of the 5th ("Moonbounce", one of the most fascinating aspects of our hobby) & their September VHF Contest on the 12th, as well as several state QSO Parties, including our neighbors in NJ on the 19th. There's even international involvement, including the RSGB/IARU Region 1 Field Day, Russian RTTY WW and the All Asian DX/Phone events, all on the 5th & 6th – the bands will be crowded that weekend! Most of these contests can be worked either as a serious weekend-long operation, or as a more casual effort as time permits, and still provide a lot of opportunities for good experience and working new ones. Get active and On The Air!

How many of you receive QST every month? Do you read it? Cover-to-cover, or just what catches your eye? For me, I look forward to my copy of QST showing up every month, and I'm a cover-to-cover guy. It's one of my favorite aspects of membership in the ARRL, and a prime reason I'm a Life Member. This month's issue ought to be dubbed the "WARC Issue" – no less than three of our members are recognized in it! Beginning on page 63, Joe Seibel WA3SRU has a nice article in "Hints & Kinks" about creating a thrust bearing template for his tower installation; on page 98, Chuck Bigelow KB3YVS is pictured in the "At the Foundation" section as a recipient of the K2TEO Martin J. Green, Sr. Memorial Scholarship; and on page 101, George Brechmann N3HBT is listed on the ARRL VEC Volunteer Examiner Honor Roll for the Atlantic Division. Congratulations to all!

This month's meeting is Homebrew Night, with several interesting projects scheduled for presentation. If you'd like to bring in your own HB gear to show, you can contact Vinny K3VJP and let him know, or just pack it up and show up – I'm sure Vinny will find a spot for you!

Looking forward to seeing you all there on September 3.

de Tony, W3FLH

73

### MINUTES Warminster ARC General Meeting August 6, 2015

#### Attendance:

Call to Order

Tony K3FLH called the meeting to order @ 7:33PM and passed the mic for introductions.

#### Minutes from last Meeting

Additions/Corrections? - Motion to approve or approve as amended?

Published in feedback. Motion made and approved unanimously by the membership to accept.

#### Committee Reports

Treasurer's Report: (Bill, K3FMQ)

As reported at the meeting.

#### Programs: (Vinny, K3VJP)

August – Emergency Prep Part II

Sept – Homebrew + Vinny asked for members interested in giving presentations and posted a sign-up sheet.

Oct – Possibly Council Rock + briefing on ARRL Teacher's course.

Nov – ARRL night with Joe Ames W3JY

Dec – Holiday party

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### **Membership (Vinny, K3VJP)**

Membership Updates (Vinny, K3VJP)

We have 122 active members and are planning on how to collect dues early in the future.  
Two new member applications were received: Katherine Aker and Robert Vitt.  
Tony welcomed the new visitors as well.

### **Public Service (George, N3HBT)**

There are no new events planned until Columbus Day for the Hole in One golf outing in October. George also thanked all members who supported last month's events.

### **Classes (George, KA3WXV)**

George mentioned some special classes that were requested, plus the new classes starting on Monday, Sept 14<sup>th</sup>. Classes will start again on the 2<sup>nd</sup> Monday of Sept for 8 weeks.  
Check the K3DN website for details.  
Classes were completed with a VE session in July. There will be another high intensity 4-hour class later.

### **VEC Testing (Larry - WA3ELQ)**

WA3ELQ, Larry: July VE testing. 6 out of 8 candidates succeeded. 4 new techs, 1 general upgrade + 1 brand new general.  
There will be no session in August.

### **Repeater**

Yaesu Fusion shirts (Brian N3EXA)

Brian N3EXA said the 2 meter repeater is working well and the 443.95 Yaesu Fusion is also working well. Analog or Digital.  
He mentioned that any members who currently have a Yaesu Fusion radio can get a free poloshirt for free, complements of Yaesu. See Brian to get your shirt.  
Repeater is working. Fusion system is working. Echo link is up and running.  
George N3HBT is looking for Net Control stations. Contact George to get details and sign-up.  
Tony thanked Brian for his dedication taking care of the club repeater and gave recognition for the extra effort to get the Fusion system up and running.

### **Good and Welfare**

Elaine mentioned that Doc K3RAU is in Abington hospital. It is not known if he will be admitted or released to go back home. Dave WI3Y was on the repeater last night and Bill K3ZMA facilitated.

Members should send Dave a card or e-Mail with their well-wishes. Please do not call or visit. Further details are forthcoming.

### **Other Committees**

Karl K3KH mentioned the upcoming BCARES meeting at the Bucks County EOC on August 11th. Please check the BCARES website or reach-out to Karl at [K3KH@ARRL.net](mailto:K3KH@ARRL.net) for the most up to date details.

### **Old Business**

Club Station Status is back on the Air thanks to George N3HBT and several other members who volunteered to help! Propagation was not cooperative, but the station is good to go.

WI3Y (Dave Simpson) Outstanding Ham - Club Award was approved by the Board and a plaque was created honoring Dave's longstanding contributions as a WARC member. The plaque was shown at the meeting for anyone who wanted to see it. Bill K3ZMA is aware of the award and will notify Dave.

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Club Website and Walk-Talk Updates are both being updated by AL, WI3Z + several volunteer from the club. The goal is to modernize both and make them more user friendly. There is an effort under way to migrate WARCtalk to Yahoo.

### **New Business**

Club Picnic – Interest? Date? Volunteers?

In place of the Field Day event that was cancelled the club is considering a club picnic plus a club operation for PA QSO party in October. Details are TBD

Tony asked for volunteers to co-chair the picnic + a show of interest (more than half of the members indicated interest). Picnic will be open to family members as well. Watch WARCtalk for a future announcement with further details.

The new alarm is up and running. Vinny and George

Raj made a donation of a Yaesu FT2900 which the club will retain for use at public service events. Please see a Board member if interested.

Elaine and George N3HBT gave special recognition to Larry WA3ELQ in recognition of his 50 year anniversary of being a Ham.

Club Equipment – Revised Sign-out sheet (Vinny K3VJP)

There is a revised sign-out sheet created by Irwin KD3TB and Vinny K3VJP. Members may borrow equipment for up to 30 days at a time.

### **Motion to Adjourn**

Meeting was adjourned at 8:01 PM followed by a presentation on Emergency Preparedness by Vinny K3VJP

#### **NOTE ON DAVE WI3Y**

Dave was on the WARC Wednesday night FM net on August 19th again. FYI, if you weren't reading the mail he sent out his thanks to all who sent him cards and letters and though he wasn't able to personally respond to everyone he wanted to express his heartfelt thanks to all for their kindness. He was able to speak on, and control, the radio thanks to a remote speaker-mike donated by Doc, KA3RAU. Dave hopes to make the net again in a few weeks, health permitting.

73

bill k3zma

fyi: mail to Dave Simpson, WI3Y, should be sent to:  
132 S. Keswick Av, Glenside, PA 19038



**The photo shows Dave on the left operating with Dan, K3NXX at a Field Day operation.**

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### **K7RA SOLAR UPDATE**

Tad Cook, K7RA, Seattle, reports: We saw just one new sunspot group (AR2403) over the August 20-26 reporting week, but it was a big one, directly facing Earth on August 23. Average daily sunspot numbers rose 32.3 points to 69.7, while average daily solar flux increased 28.7 points to 119.7.

The average daily planetary A index dropped from 21.4 to 14.7, compared to the previous 7 days. The most active days were August 23 and 26 when the planetary A index was 28 and 30, caused by streams of solar wind.

At 0012 UTC on August 27 Australia's Space Weather Services issued a geomagnetic warning for increased geomagnetic activity expected on August 27-28 due to a high-speed windstream coming from a coronal hole. On August 27 expect quiet to unsettled conditions with active to minor storm periods, and on August 28 look for active to unsettled geomagnetic conditions.

Predicted solar flux is 125 on August 27-28; 120, 115, and 110 for August 29-31; 105 on September 1-2; 100 for September 3-5; 95 for September 6-9; 90, 85, 95, and 100 on September 10-13; 105 for September 14-19; 120 on September 20-21, and 125 on September 22-24. Solar flux values drop below 100 on October 3-9.

Predicted planetary A index is 16, 18, 12, 8, and 6 for August 27-31; 5, 8, 12, 15, 10, and 8 for September 1-6; 5 for September 7-11; 12 on September 12; 15 on September 13-14; 5, 10, 5, 8, and 20 for September 15-19, and 28, 20, 12, and 18 for September 20-23.

NASA issued a new [commentary](#) for the current sunspot cycle, this time with the new V2.0 sunspot numbers, which read higher than the old standard. Historic numbers are being revised to conform with this new standard. Using the new numbering system, the maximum in late 2013 of 72 has been revised upward to 101, and the April 2014 peak of 81.9 was increased to 116.4.

The autumn equinox is September 23 at 0822 UTC, ushering in a new Fall DX season.

*Courtesy ARRL Newsletter*

### **POPE FRANCIS AND HAM RADIO**

Pope Francis visits the United States September 22 – 27 and amateur radio will be part of the celebration. Throughout the 6 day event (September 23 0000Z – September 28 0000Z) 6 special event amateur radio stations will be on the air to commemorate the event. Call signs from the Washington, DC area will be K3P and N4P. From New York and New Jersey the call will be K2P. W3FRC/WMF will be on the air from southeastern Pennsylvania and W3P will be on the air in Philadelphia. WM3PEN, also of Philadelphia, will join in Thursday evening at 8 PM EST (Friday 0000 GMT). Four unique qsl cards will be available along with a certificate to mark this special and historic event. A website is being established for QSL and certificate information. Early information and links can be found on the WM3PEN qrz.com website.

The Washington, DC operations are being coordinated by the Jim Nitzberg, WX3B of the Potomac Valley Radio Club (pvrc.org). The southeastern Pennsylvania and New Jersey operations are under the direction of Ron Sigismonti, N3RS of the Frankford Radio Club (gofrc.org). The New York activity is being coordinated by John Melfi, W2HCB of the Great South Bay Amateur Radio Club (gsbarc.org). W3P efforts on the air are being coordinated by Joe Leone, KA3LKM (qrz.com/db/w3p). WM3PEN operations are being coordinated by Bob Josuweit, WA3PZO, and the Holmesburg Amateur Radio Club (harcnet.org).

We are privileged to be able to represent our region of the USA via Amateur Radio. Every three years there is a World Meeting of Families. In 2012 amateur radio operators in Italy had the call I12POPE on the air. This year amateur radio operators in 5 states will be on the air to commemorate the event. This year with the World Meeting of Families in Philadelphia and the second time a Pope has visited Philadelphia, Ron Sigismonti, says having several special event stations on the air by members of a club that originated in Philadelphia, then expanded to encompass the entire region out to 175 miles of Philadelphia; another club whose members will be on the air in the same section of Philadelphia that the Pope is visiting; and another group of Philadelphia operators who are excited about the World Meeting of Families being held in the City will really make this a special event. Additionally, operations from the Greater Washington, D.C. metropolitan area, metropolitan New York City, and parts of New Jersey will encompass the entire region visited by Pope Francis in the United States. It will allow those who can't be in the various cities that he is visiting to participate in this event by talking to those who are. In essence this will be a world family meeting of amateur radio operators.

The Pope arrives at Joint Base Andrews on September 22 and begins his visit in Washington, D.C. with a meeting with President Obama on Wednesday, September 23. He delivers a speech to a joint session of Congress on Thursday, September 24. On Friday he attends a meeting of the United Nations General Assembly in New York and participates in a multi-religious service at the 9/11 Memorial and Museum at the World Trade Center. On Saturday he gives a speech at Independence Hall in Philadelphia and concludes his visit to the U.S. with an outdoor mass in front of the Philadelphia Museum of Art on Sunday, September 27.

73  
Bob, WA3PZO

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**MID-ATLANTIC STATES  
VHF CONFERENCE  
OCT 2-3-4, 2015**

**Hosted by the Mt Airy VHF Radio Club  
Holiday Inn-Bensalem-Philadelphia  
3327 Street Rd, Bensalem, PA  
(215) 639-9100 Earlybird rooms (til 9/4) still \$79+tax  
Room includes buffet breakfast**

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**Register on-line NOW at [www.packratvhf.com](http://www.packratvhf.com)  
Conference Early bird Registration (til 9/20) only \$40  
Saturday Evening Early bird Banquet (til 9/20) \$40**

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**Friday evening hospitality and table-top selling  
Saturday conference presentations & auctions  
Registration includes pizza lunch and snacks  
Rohde & Schwarz Technical Testing Room  
Saturday evening Banquet buffet dinner with door prizes\*  
Sunday morning free outdoor mini-flea market**

**\*You must be registered and paid for conference and banquet to be eligible for door prizes**

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**Tentative Speakers and topics:  
Joe Taylor K1JT New VHF-and-up features in WSJT-X.  
Roger Rehr W3SZ Open HPSDR for VHF/UHF/uW Operating  
Phil Theis K3TUF Radio Server for VHF/UHF/uW Contesting  
Rob Renaud K3RWR SDR and Noise Reduction  
John Jaminet W3HMS Roving in the Pennsylvania Boondocks  
Mario Filippi N2HUN uWave Satellites  
Al Katz K2UYH Devilish Doppler  
Andy Varava with AA3JH Talking to the Astronauts  
Michael Davis KB1JEY Painful Tower Lessons  
Al Waller K3TKJ Six Meter Magnificence  
George Heron N2APB Scalar Network Analyzer  
Gary Hitchner WA2OMY New Packrat Beacons (Can You Hear Me Now?)  
Steve Simons W1SMS RF Safety for Radio Amateurs**

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**details and updates [www.packratvhf.com](http://www.packratvhf.com)  
Questions? Send to [rick1ds@hotmail.com](mailto:rick1ds@hotmail.com)**

### CLUB INFO

#### PUBLIC SERVICE

On Monday October 12 at 8:30 am, there will be a golf outing at the 5 Pondsgolf course. This is on Columbus day. I will need 10 hams to help out forthe event. There will be a hot meal after the event.

73

George N3HBT

#### 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

An Alumni membership category is available for WARC members who are unable to attend meetings and club activities on a regular basis because of health considerations, travel impediments, or other hardships. Dues for the Alumni membership are \$10.00 annually. Please contact the Membership Committee for more information if interested."

#### ATTENTION MEMBERS

The Membership Committee can provide Club badges. Two types are available: an engraved plastic callsign and name badge for \$5 or a free, laminated plastic, photo ID badge/card. The photo id badge is included with your membership when a facial photo is provided by you. Please see members' photos on club website for proper facial composition. If you do not have at least a Warminster Amateur Radio Club badge with your picture on it, please contact your Membership Chairs at the WARC monthly meetings. Otherwise, please contact Membership by email at: [membership@k3dn.org](mailto:membership@k3dn.org).

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 contact Membership with your interest. When we get enough people who are interested we will post a notice in Feedback and have a camera ready at the following club meeting.

### PROGRAMS 2015

September- HomeBrew Night

October - Council Rock NASA

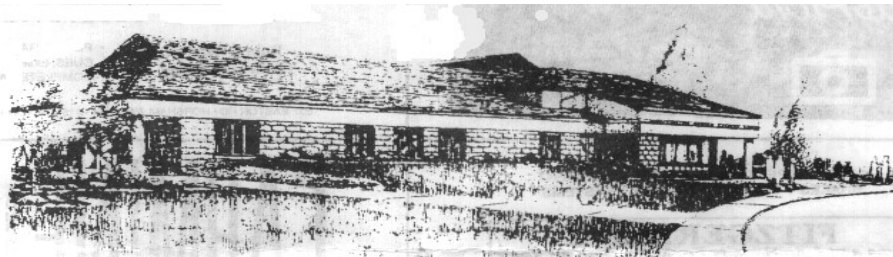
November - ARRL Night—Joe W3JY

December – Holiday Party

**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.**



### 2015 Contest Calendar

#### SEPTEMBER

5-6 [EME - 2.3 GHz & Up](#)

0000 UTC on Saturday through 2359 UTC Sunday

12-14 [September VHF](#)

1800 UTC Saturday and runs through 0259 UTC Monday

19-20 [10 GHz & Up- Round 2](#)

Operations may take place for 24 hours total on each contest weekend. Each weekend begins at 6:00 AM local Saturday though 12:00 midnight local Sunday.

#### OCTOBER

9 - 13 [School Club Roundup](#)

1300 UTC Monday through 2359 UTC Friday

31 - Nov 1 [EME - 50 to 1296 MHz](#)

0000 UTC on Saturday through 2359 UTC Sunday

#### QSO Parties

Colorado 1300Z, Sep 5 to 0400Z, Sep 6

Tennessee 1800Z, Sep 6 to 0300Z, Sep 7

Arkansas 1400Z, Sep 12 to 0200Z, Sep 13

South Carolina 1400Z, Sep 19 to 0300Z, Sep 20

New Jersey 1600Z, Sep 19 to 0359Z, Sep 20 and 1400Z-2000Z, Sep 20

Maine 1200Z, Sep 26 to 1200Z, Sep 27

Texas 1400Z, Sep 26 to 0200Z, Sep 27 and 1400Z-2000Z, Sep 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 2015 test fee is **\$15.00**.

**Warminster Amateur Radio Club**, Monthly, Last Mon. 7:00 pm at the Wilson Senior Community Center 580 Delmont Avenue Warminster, PA 18974 George Brechmann (215) 443-5656.

**Atco, NJ**, The fourth (4th) Tuesday of each month, at 7 p.m. Winslow Township Senior Center, 33 Cooper Folly Road, 08004-2603.

Mark (K2AX) jtra@comcast.net

**Levittown, PA**, Monthly, 3rd Monday at 6:30. Falls Township Building - Ben Johns, K3JQH, 215-657-5994

**Telford, PA**, Monthly, RF Hill ARC. 3rd Monday at the Indian Valley Library. Charles Schmell, KB3CEZ, 215-257-6368 days 215-538-7458 evenings.

**Philadelphia, PA**, Testing is done on the 4th, non holiday Thursday of the month at the, Community Ambulance Association of Ambler, 1414 E Butler Pike, Ambler PA 19002 at 7:00 PM We also are testing on Saturdays at least once per quarter at 9:00 AM. For further information contact James McCloskey at jmccloskey@msn.com and by phone 215-275-2979.

**Lansdale, PA** Testing on the first non-holiday Tuesday of the month starting at 7:00 PM. The Lansdale Library Community Room Vine St. and Susquehanna Ave. Lansdale, Pa. Registration is required 48 hrs. or more before the scheduled exam date. If there are no registrations the scheduled exam date will be canceled. NO WALK-INS. You can register by contacting:

Olaf N. Markert ----- Phone (610) 517-5074, E-mail w3pa@arrl.net

### ➤ ATLANTIC DIV. HAMFESTS - 2015

**September 13** - Gloucester County ARC Hamfest

Gloucester County 4-H Fairgrounds 235 Bridgeton Pike (Route 77)

Mullica Hill, NJ 08062

<http://www.w2mmd.org>

**September 19** - DVRA Fall Hamfest

West Windsor Community Park Route 571 West Windsor, NJ

<http://w2zq.com>

**October 2** - Mid-Atlantic States VHF Conference

Holiday Inn Bensalem - Philadelphia Area

3327 Street Road Bensalem, PA 19020

<http://www.packratvhf.com>

**October 3** - Delaware State Convention (Delmarva AR & Electronics EXPO)

Sussex Technical High School

17099 County Seat Highway Georgetown, DE 19947

<http://www.radioelectronicsexpo.com>

**October 4** - CARAFest 2015

Howard County Fairgrounds 2210 Fairgrounds Road West Friendship, MD 21794

<http://www.carafest.org>

**October 18** - 39th Annual RF Hill ARC Hamfest

Sellersville Fire House 50 North Main Street Sellersville, PA 18960

<http://www.rfhillarc.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\***

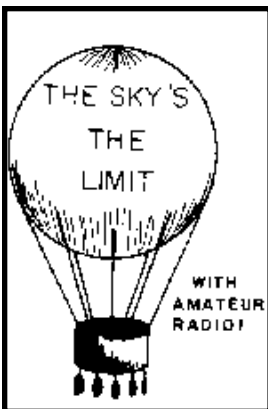
**Bucks County SKYWARN Weather Spotter PRIMARY FREQUENCY: 147.300MHZ (+ 131.8)**  
 Fairless Hills, PA (many remote access locations throughout Bucks County)

**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, Vinny Porcaro K3VJP  
 215-493-0783



*The Warminster Amateur Radio Club  
 Announces Free Ham Radio Instructional Classes*

If you're interested in Ham Radio, or think you might be, this is your opportunity. Perhaps you'd like to learn about digital communications, Morse code, VHF, UHF, satellite, or perhaps you'd rather sit down and chat with someone in South Africa, Russia, Great Britain or in the space station.

We will have Tech classes in September. Starting date will be September 14th (a Monday) at 7:00pm till 9. Classes will run for 8 Mondays.

For further information contact George Brechmann, N3HBT at 215-443-5656.

**Area Repeaters**

**VHF**

- 145.310 R.F. Hill
- 145.350 Doylestown R.C.
- 146.790 Penn Wireless
- 145.330 Hilltown
- 146.670 DVRA
- 146.685 Holmesburg
- 146.925 Willingboro
- 147.000 Ham 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
- 448.225 Penn Wireless

**D-STAR**

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

**6 Mtr**

- 53.030 WA3BXW
- 53.230 N3DQZ
- 53.320 K3MFI

**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:**

**Full Member: \$ 20.00**  
**2nd Family Member: \$ 10.00**  
**Student: \$ 10.00**  
**Alumni: \$ 10.00**

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

**2015 Officers**

**Executive Officers**

President	Tony Cuttone	W3FLH	267-679-9297
Vice-President	Vinny Porcaro	K3VJP	215-493-0783
Secretary	Andy Vavra	KD3RF	610 287-3295
Treasurer	Bill Ballantine	K3FMQ	215-766-0764
Director (A)	Michael Shanblatt	W3MAS	267-491-5773
Director (E)	Larry Abbott	WA3ELQ	215-704-3282
Director (A)	Jim Elmore	WA4YWM	215-538-1889
Director (E)	George Brechmann	N3HBT	215-443-5656
Past President	Irwin Darack	KD3TB	215-343-8170

**Committee Chairpersons**

Archives			
ARES/RACES Liason	Karl Harris	K3KH	215-264-1855
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 15	Mark Kempisty	AA3K	215-953-1493
Fundraising	Adam Huffnagle	KB3JCP	215-442-9526
Hamfest 15	Mike Karabin	WJ3O	215-317-4029
Hamwear	Herb Hickmott	KB3VMN	267-718-3601
Holiday Dinner	George Brechmann	N3HBT	215-443-5656
Membership	Vinny Porcaro	K3VJP	215-493-0783
Membership	Fred Pezok	K3MFP	
Membership	Andy Vavra	KD3RF	610 287-3295
Membership	Bill Ballantine	K3FMQ	215-766-0764
Net Manager	George Brechmann	N3HBT	215-443-5656
PA QSO Party	Mark Kempisty	AA3K	215-953-1493
Publicity	Bernice Kraut	KB3PCX	215-884-8195
Refreshments	Brandon Penglase	KC3DYT	
Refreshments			
RF Interference	Andy Vavra	KD3RF	610-287-3295
RF Interference	Bill Ballantine	K3FMQ	215-766-0764
Repeater Coordinator	Brian Taylor	N3EXA	215-257-6303
Safety Officer	Vinny Porcaro	K3VJP	215-493-0783
Skywarn Liason			
Station Trustee	George Brechmann	N3HBT	215-443-5656
Sunshine Club	Vince Pironti	KD3TC	215-674-0446
Township Liason	Richard Luce	AG3L	215-441-8264
VE License Testing	Larry Abbott	WA3ELQ	
VHF/UHF/MW	George Altemus	KA3WXV	215-855-3856
Website Coordinator	Al Konschak	WI3Z	215-491-9941
Youth Programs	Steve Larson	WW3Y	215-822-1511