



# FEEDBACK



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

Warminster Amateur Radio Club

August 2013

**Next Meeting August 1, 2013 – Antennas in association restricted locations**

## President's Message

With the summer in full swing, it's been rotating between too hot or too much rain for outdoor antenna work. Or, as that matter spending anytime outdoors. Hopefully, August will start to bring some cool weather when I can finally get some antenna work done. I have a number of projects that need to be completed before the beginning of contest season this fall.

After our club presentation on D-Star last month, and from the prodding of KD3RF, KE3C and K3FMQ, I finally took the plunge and bought a D-Star HT radio and got on the air. My QTH is a little too far from the Philadelphia D-Star repeater with an HT, so with the help of KE3C, I am linking in through a Raspberry Pi. Today I was even able to link in from my beach house in Delaware to a local reflector. My first impressions are positive as the audio quality is good and does not have the digital voice sound that I first anticipated. Is this real radio with using the internet as a gateway? No different from Echo Link and a variety of other digital modes starting to show up on the HF/VHF/UHF bands. I am a pure novice here and I expect a long learning curve. While at the same time enjoying learning about a new mode in Amateur Radio.

We have a number of community service functions going on during the summer and fall. This past weekend, July 21st, we helped out with communication for the Alex Lemonade Bike Race Fund Raiser. Over 400 bike racers started in Doylestown traveling through some of the most beautiful areas our county has to offer. We had 12 WARC operators assisting in the communication. This was the first time they have used us for communication and were very appreciative. Upcoming events include the Hatboro Car show on Saturday, July 27th; Warminster Days on September 8th, the Warminster Golf outing at 5 Ponds golf course on Columbus Day and the Thanksgiving Turkey Run on Thanksgiving morning.

Our classes are starting again on September 9th. Currently, Tech/General is scheduled. The classes are held each Monday from 7pm to 9pm at the Warminster Senior Citizens Center (same as our meeting).

Our August meeting will feature Antenna Part II presentation on installing antenna's in restricted areas. If you live in a townhouse or condo with restrictions, this is one presentation you do not want to miss. Our September meeting will feature Homebrew Night. This is a great opportunity to show off all of the wonderful things you have build in the last year. This year we are planning on setting up the presentations in a Science Fair type of arrangement so you can spend time with each builder. If you have something you would like to present, please contact Andy, KD3RF.

Finally, the Board has approved a new position of Safety Officer. This position will work with the Board and Chairpersons of our events (Field Day, Hamfest, etc.) to review any safety concerns and make appropriate recommendations. A full description can be found in this feedback issue. Vinny, K3VJP, has volunteer to serve in this new position.

See you at the August meeting.

Irwin KD3TB

## **Minutes from July 11 WARC meeting**

- Meeting called to order 7:37 PM
  - Round of Introductions during which 50-50 sold and sign in sheet circulated.
  - Early Public service event report given by George – N3 HBT
- 63-mile Bike Ride Sunday July 21 for Alex's Lemonade Stand.—Runs 8 am- 2 pm, 10 operators needed.

*(Continued on page 2)*

- License upgrades – none
- Minutes from last meeting – Approved
- Treasurer’s report – Bill –K3FMQ  
As Reported  
Thanks to Frank W3ESL for keeping the books for the past year(s)

- Draft for budget – posted on side wall for examination. KA3RAU suggested dues increase—no action taken.
- Programs – Rich – AG3L Tonight’s presentation is by members of PDRA on D-Star.  
August 1 – Antennas for confined spaces.  
September – AG3L and KD3RF, Andy --Homebrew  
October – Jere K2?? –Air America

- Membership – Bill –K3ZMA – 148 members, of which 32 are overdue
- Classes – no report
- VE testing – no report
- Repeater – Brian – N3EXA ---No major problems. The 6-meter rpt of K3MFI is linked occasionally.
- Field Day – Irwin KD3TB, in lieu of Mark, AA3K

K3DN ran 4 stations , 306 contacts on CW, 4 contacts digital, 1051 phone contacts

Thanks expressed to Marianne, KA2VJO , and Domenica for cooking. Much fun was had by all!

- Old business – none
- New business

KB3CET Chris inquired if anyone has built a Super J-pole antenna.

- Boy scouts with Steve Larson , WW3Y are attending tonight’s meeting and program.
- Photos from Field Day are on CDs
- Bill, K3ZMA raised a question of upgrading club constitution. Bill agreed to head this.
- Meeting adjourned 8:00

Presentation by Phila. Digital Radio Assoc. K3PDR

Submitted, Alan KA3YCG

**The WARC Board recently approved the position of Safety Officer. listed below is a description of this new role in our club:**

### **Warminster Amateur Radio Club Safety Officer Roles and Responsibilities**

The **Safety Officer** - (SO) function is to develop and recommend measures for assuring personnel safety, and to monitor and/or anticipate hazardous and unsafe situations related to Warminster Amateur Radio Club (WARC) Functions.

The Safety Officer, working with the WARC Board of Directors and the Chairperson of WARC supported Club Functions, is responsible to review any safety concerns and make recommendations. Club supported functions are to include, but not limited to, Field Day, Hamfests, Dx'peditions, Community Service Projects and Club Meetings.

#### [Common Responsibilities](#)

- Prepare a function specific Safety Plan as required to be review by the WARC Board of Directors and Function Chairperson and presented to the WARC Membership before the start of the Club Function.
  - Identify any occupational safety and health hazards.
  - Provide training on safety and health information that may be recommended by the WARC Board and Function Chairperson.
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- Be knowledgeable of general OSHA related safety standards and recommendations from ARRL and FEMA.
- Perform an assessment during the Club Function and prepare any follow up recommendations that may be required.
- Take appropriate action to mitigate or eliminate unsafe condition, operation, or hazard that may pose a safety or health danger to both Club Members or General Public during a Club Function.
- Exercise emergency authority to stop and prevent unsafe acts that may pose imminent safety or health danger.
- Investigate accidents that have occurred during a Club Function.
- Assign assistants, as needed.

### **ARES/RACES NOTES FROM MIKE - KB3GJT**

Rocky, N3FKR, is looking for help with the Livestrong Challenge on Sunday, August 18.

This year's flu drill will comprise 4 POD locations, plus the health department EOC. The date is expected to be the second half of September, but the exact date and locations are still being decided. Two of the POD locations are going to use amateur radio exclusively for communications. There will still be a limit of two operators per site; however, there was some discussion about using relay stations. If the relays are positioned off-site, there will be room for more hams to participate. I would like to see digital modes (WinLink, APRS, and/or NBEMS) used at each site, as well as local video; but operator availability will determine how much of that can be done.

This year's Simulated Emergency Test (SET) will take place 8am-12pm on Saturday, October 12 (Columbus Day weekend). The general scenario is posted on the front page of bucksares.org. Specifics will be developed for each operator individually, so it will help to know in advance who is able to participate. For this situation, I will particularly need someone who lives near Almshouse Road in Doylestown to take the lead at the alternate EOC (which happens to be the health department EOC). I currently have four individuals who have said they can participate. Please let me know as soon as you can if I can add your call to the list.

### **SKYWARN**

While I have not been the WARC SKYWARN Coordinator since September 2011 (even though I am still listed as such in FEEDBACK), I thought some of you all who continue to maintain NWSFO Basic SKYWARN Certification (required every 3 years!) or those who wish to become officially certified might be interested in registering for Larry Nierenberg's [SKYWARN Basic Weather Spotter Training WEBINAR taking place on TUESDAY, JULY 30<sup>th</sup> from 19:00 until 22:00](#). Please visit the following URL to REGISTER or for additional information:

<http://www.erh.noaa.gov/phi/webinar.html>

Thanks!

Mike Patton  
W3MJP  
w3mjp@arrl.net  
ikemay@voicenet.com

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## SOLAR UPDATE

Propagation prognosticator Tad Cook, K7RA, in Seattle, reports: At 2330 UTC on July 24, Australia's IPS Radio and Space Weather Services <<http://www.ips.gov.au/>> issued a geomagnetic disturbance warning. Increased geomagnetic activity is expected due to a coronal mass ejection (CME). They predict quiet to unsettled conditions on July 25, active to minor storm on July 26, and active conditions on July 27.

Over the past reporting week, compared to the previous period (July 11-17) average daily sunspot numbers decreased by less than four points to 73.4, while average daily solar flux declined slightly more than three points to 110.6.

NOAA/USAF predicts Planetary A Index at 5 on July 25, 12 on July 26, 18 on July 27, 8 on July 28, 5 on July 29 through August 8, 8 on August 9-11, 5 on August 12-13, 8 on August 14-15, 5 on August 16-17, 10 on August 18, and 15 on August 19-22.

The outlook for solar flux calls for 105 on July 25-27, then 110, 115, 120, 125, 130, 135, 130, 125, 120, 125, 120 and 125 on July 28 through August 8, respectively, 120 on August 9-12, 115 on August 13, and 120 on August 14-17. The latest projection shows a short-term peak at 135 on September 4-5 after a minimum of 100 on August 27-28.

In Friday's bulletin we'll review some reports from reports and some thoughts on why AC6T in Santa Barbara may not be experiencing the 6 meter openings others are enjoying. We will also present a number of interesting articles, including this one <<http://www.skyandtelescope.com/news/The-Weakest-Solar-Cycle-in-100-Years-216752671.html>>, about the current solar cycle being the weakest in 100 years.

*Courtesy of the ARRL Newsletter*

### Boy Scout Jamboree Hosts Space Station Ham Radio Contact

European Space Agency Astronaut [Luca Parmitano](#), KF5KDP, aboard the International Space Station spoke July 20 via ham radio with Scouts attending the 2013 [Boy Scouts of America](#) National Jamboree, July 15-24, at the [Summit Bechtel Reserve](#) in Mount Hope, West Virginia. The Amateur Radio on the International Space Station ([ARISS](#)) program arranged the 2 meter contact between the Scouts' [K2BSA](#) and NA1SS.

"What really matters is to be good at what you do," Parmitano told the Scouts, "so, pick something you like, love it and be really good at it." Parmitano also said that the stars look different — more natural — from the ISS but appear the same size as on Earth. Ditto for planets.

ARISS Technical Mentor Bob Greenberg, W2CYK, coordinated the contact with the Jamboree. Some 40,000 attendees were anticipated at the National Jamboree over its 10 day run. Amateur radio has been a part of the Jamboree experience since 1953, when K6BSA was on the air from Irvine Ranch in California. An ARISS direct contact with Space Station Commander Doug Wheelock, KF5BOC, was a highlight of K2BSA's activities during the BSA's centennial National Jamboree at Fort A.P. Hill, Virginia, in 2010.

On July 22, students at [Colegio Uruguayá](#), in El Pinar, Uruguay, spoke with the ISS crew via LU8YY. An ARISS contact also was scheduled this with students at the [Scuola Italiana di Montevideo](#) in Uruguay.

Visitors to the [European Space Agency's Space Camp 2013](#) in Radstadt, Austria, spoke July 24 with the ISS crew via a telebridge between IRØISS and VK4KHZ in South Australia. The theme of this year's camp is "Space Exploration."

Early next month the ISS crew will speak with Scouts attending the 2013 [Space Jam 7](#) at Octave Chanute Aerospace Museum in Rantoul, Illinois. Some 2000 Boy Scouts, Girl Scouts and their leaders from 20 states are expected to be on hand for Space Jam 7.

Also in early August the ISS crew will speak via ham radio with students attending the 2013 [AirVenture](#) Oshkosh air show in Wisconsin. Some 500,000 visitors attend the air show each year. The organization has a student membership of more than 20,000. On the day of the contact 125 young women and their mentors involved in the aerospace industry in some way with the EAA's [Women Soar](#) program are expected, in addition to groups from aviation high schools from Florida and California.

The ISS crew has been using a 5 W Ericsson hand-held transceiver for contacts in recent months, because of problems with the higher-power Kenwood radio on board. This can make terrestrial copy difficult, and ARISS volunteers have had to beef up ground-station receiving capabilities to ensure a successful contact. ARISS has recorded more than 800 ISS school contacts since the program began in late 2000.

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ARISS is an international educational outreach with participation from ARRL, [NASA](#), [ESA](#), the [Russian Space Agency](#) (ROSCOSMOS), [CNES](#), [JAXA](#), [CSA](#) and [AMSAT](#). — ARISS

*Courtesy of the ARRL Newsletter*

### **DX: WAKE ATOLL K9W DXPEDITION PREPARATIONS ON TRACK**

The Wake Atoll 2013 Commemorative DXpedition <<http://wake2013.org>> team reports that preparations for its planned K9W operation <<http://wake2013.org/pages/bandplan.html>> this fall are "progressing nicely." Most of the needed equipment is in hand and being checked out before shipment to staging areas in California and Hawaii. The operation will commemorate 98 US civilian contractors -- "The Forgotten 98 <http://wake2013.org/pages/forgotten98.html>" -- who died on the atoll during World War II in October 1943.

"Our operation, observing the 70th anniversary of their deaths, will be dedicated to keeping their memory alive and honoring their sacrifice," the team said in a recent news release.

A contingent of 12 operators is being assembled with plans to operate five stations over a 14-day period on all modes, 160 through 6 meters. The team anticipates that the operation will start the last week of September or first week of October, depending on the military flight schedule into and out of Wake Atoll.

The Wake Atoll DXpedition is the recipient of an ARRL Colvin Award <<http://www.arrl.org/colvin-award-grants>>. -- K9W Wake Atoll Management Team

*Courtesy of the ARRL Newsletter*

### **EMERGENCY RADIO: NEW MEXICO ARES UNITS SUPPORT WILDFIRE COMMUNICATIONS**

New Mexico Amateur Radio operators assisted local government officials in the wake of the Tres Lagunas wildfire in steep, rugged terrain 15 north of Pecos. The San Miguel, New Mexico, Amateur Radio Emergency Service (ARES <<http://www.arrl.org/ares>>) team activated May 31 in response to a request from the county's emergency manager to support communication for the San Miguel County EOC in Pecos. The blaze, aided by high winds and dry conditions, covered more than 10,200 acres and the cause was attributed to a downed power line.

"San Miguel ARES provided communications support for 5 days at the county communications trailer at Pecos High School," reported New

Mexico ARRL SEC Michael Scales, K5SCA. "Ten San Miguel ARES hams were involved." ARES team members operated radios in the EOC, maintained a relay station in Las Vegas, New Mexico, and traveled with three volunteer fire departments in the county, Scales added, while Santa Fe ARES remained on standby during the period, in case additional resources were needed.

Scales says ARES also provided communication support to the San Miguel County emergency operations in Pecos, the New Mexico State EOC operations in Pecos, the county evacuation shelter at Pecos High School and three volunteer fire departments conducting patrols near the Tres Lagunas fire looking for spot fires and assisting people with respiratory problems. Responding to a request from the county emergency manager, San Miguel ARES offered communication support to state police in the Pecos area, since cell phone service was down in, although the assistance was not needed. Read more <<http://www.arrl.org/news/new-mexico-ares-units-support-wildfire-communications>>.

-- Michael A. Scales, K5SCA; InciWeb.org

*Courtesy of the ARRL Newsletter*

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### CLUB INFO

#### PUBLIC SERVICE

September 8th - Warminster Days  
 Columbus Day - Warminster Golf outing at 5 Ponds golf course  
 November 17 - Bucks County marathon.  
 Thanksgiving Turkey Run

#### 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.

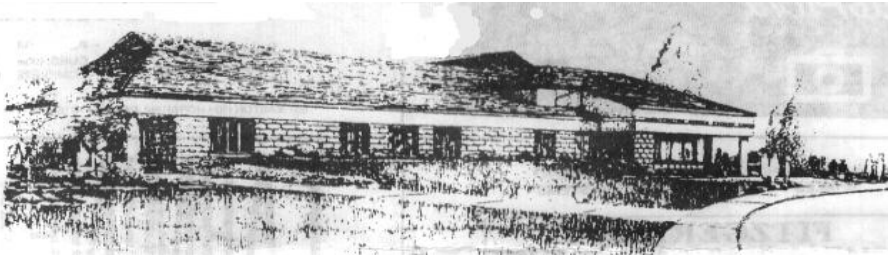
### PROGRAMS 2013

August Meeting -- Antennas for those living in association restricted locations  
 September – Homebrew Night  
 October – Air America

**The Club Station - K3DN - is located at the Benjamin Wilson Senior Center, Delmont Avenue, Warminster, PA. The station is open for club members and the interested general public on non-holiday Tuesday evenings from 7 to 9 pm . The station is fully operational on HF (80 meters through 10 meters ) both phone and CW. There is an assortment of amateur radio shareware which may be copied under the shareware licensing agreement.**

**For additional information on the Club Station please call the Station Manager N3HBT - George at 215-443-5656.**

- **WARC Meetings are held the first Thursday of each month at 7:30 pm at the Benjamin Wilson Senior Center, Delmont Avenue, Warminster, PA. Talk in is available on the 147.09 & 443.950 repeaters.**



### 2013 Contest Calendar

#### August

3-4 August UHF Contest  
 17-18 10 GHz & Up Contest – [Round 1](#)  
 18 Rookie Roundup – [RTTY](#)

#### September

14-16 September VHF Contest  
 21-22 10 GHz & Up Contest – [Round 2](#)  
 28-29 EME Contest – [2.3 GHz & Up](#)

#### October

21-25 School Club Roundup  
 26-27 EME 50-1296 MHz-Round 1

#### QSO Parties

**Maryland-DC** 1600Z, Aug 10 to 2400Z, Aug 11  
**Hawaii** 0700Z, Aug 24 to 2200Z, Aug 25  
**Ohio** 1600Z, Aug 24 to 0400Z, Aug 25  
**Colorado** 1200Z, Aug 31 to 0400Z, Sep 1

### ➤ ATLANTIC DIV. HAMFESTS - 2013



**August 10** - Reading Radio Club Mini-Hamfest  
 Heritage Park of the Sinking Spring Area Historical Society  
 992 Clematis Street  
 Sinking Spring, PA  
<http://readingradioclub.org>

**August 18** - Carroll County Agriculture Center  
 706 Agriculture Center Drive  
 Westminster, MD 21157  
<http://www.qis.net/~k3pzn>

**September 27** - Mt. Airy VHF Radio Club (Pack Rats)  
 InnPlace Hotel Bensalem  
 3327 Street Road  
 Bensalem, PA 19020  
<http://www.packratvhf.com>

**October 6** - Maryland State Convention (CARAFest)  
 Howard County Fairgrounds  
 2210 Howard County Fair Road  
 West Friendship, MD 21794  
<http://carafest.org>

**October 20** - RF Hill ARC Hamfest  
 Sellersville Fire House  
 50 North Main Street  
 Sellersville, PA 18960  
<http://www.rfhill.ampr.org>

### V.E. TEST LOCATIONS

Confirm all information, in advance, with the contact person. Licensed applicants must bring the original, and one photocopy of their license. All applicants, including children, must bring two forms of positive ID. Also bring the original, and a copy, of any Certificate of Successful Completion needed to prove current status. The ARRL VEC'S 2013 test fee is **\$15.00**.

**Warminster Amateur Radio Club**, Monthly, Last Mon. 7:00 pm at the Wilson Senior Community Center 580 Delmont Avenue Warminster, PA 18974 George Brechmann (215) 443-5656.  
**Atco, NJ**, The fourth (4th) Tuesday of each month, at 7 p.m. Winslow Township Senior Center, 33 Cooper Folly Road, 08004-2603.

Mark (K2AX) jtra@comcast.net

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

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

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

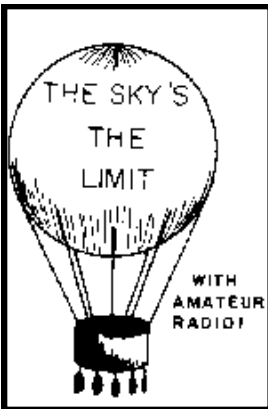
**Bucks County SKYWARN Weather Spotter PRIMARY FREQUENCY: 147.300MHZ (+ 131.8)**  
 Fairless Hills, PA (many remote access locations throughout Bucks County)

**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



*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.

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 Burgers
- 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:

<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.

**2013 Officers**

**Executive Officers**

President	Irwin Darack	KD3TB	215-343-8170
Vice-President	Richard Luce	AG3L	215-441-8264
Secretary	Alan Ash	KA3YCG	
Treasurer	Bill Ballantine	K3FMQ	
Director (A)	George Brechmann	N3HBT	215-443-5656
Director (E)	Mark Kempisty	AA3K	215-953-1493
Director (A)	Al Konschak	WI3Z	215-491-9941
Director (A)	Brian Taylor	N3EXA	215-257-6303
Past President	Larry Abbott	WA3ELQ	215-704-3282

**Committee Chairpersons**

Archives			
ARES/RACES Liason	Karl Harris	K3KH	215-264-1855
Arri 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 13	Mark Kempisty	AA3K	215-953-1493
Fundraising	Adam Huffnagle	KB3JCP	215-442-9526
Hamfest 13	Richard Luce	AG3L	215-441-8264
Hamwear	Alan Berkheiser	KB3VYX	
Holiday Dinner	George Brechmann	N3HBT	215-443-5656
Membership	Michelle London	KB3MTW	215-672-7578
Membership	Bill Strunk	K3ZMA	215-822-0749
Net Manager	George Brechmann	N3HBT	215-443-5656
PA QSO Party	Mark Kempisty	AA3K	215-953-1493
Refreshments	Doc Morein	KA3RAU	215-542-0593
Refreshments	Randy Gehman	N3LJE	215-822-9473
RF Interference	Andy Vavra	KD3RF	610-287-3295
RF Interference	Bill Ballantine	K3FMQ	215-766-0764
Repeater Coordinator	Brian Taylor	N3EXA	215-257-6303
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	215-704-3282
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