



FEEDBACK



Web Site k3dn.org

Warminster Amateur Radio Club

November 2013

Next Meeting November 7th, 2013 – What's New in Digital

President's Message

What a crazy October this was. Temperatures fluctuating between late summer and Autumn. Enjoying the great October weather, my wife and with some friends did some hiking around Falling Water, Frank Lloyd Wrights House and the Pennsylvania Grand Canyon. Band conditions opened up giving us phenomenal activity on 10 meters. One late afternoon I was able to work Japan and the South Pacific on 10 meters Phone and CW. Is this a second solar peak?

Contest season is now in full swing. CQWW SSB on the last full weekend in October and ARRL Sweepstakes CW on the first full weekend in November. Once again our VE2DXY Team traveled to Northern Canada to put Zone 2 on the air for CQWW SSB. We doubled our overall score from the highest we have ever done in the past, working 3,799 stations in 33 Zones for over 5 Million points. Band conditions were excellent with 900 QSO's on 10 meters alone. WARC (and FRC) members include Andy - KD3RF, Bill - K3FMQ, Ken-K3EC and myself, KD3TB. We are also joined by our friend Sebastien, VE2GTZ.

Look for a number of contest in November, from ARRL Sweepstakes (CW and SSB) to CQWW CW.

WARC will once again open the Club Station on Saturday, November 16th from 2 pm to 5 pm for anyone who wants to compete in the ARRL November SSB Sweepstakes contest. This is primarily a US contest with stations working other US Stations. WARC will supply the Radio and Logging Computer. We have a wire antenna that will be sufficient for working these contacts. If you are interested in operating, please contact George, N3HBT (n3hbt@comcast.net).

Community Service functions in November include the Canal Marathon and Thanksgiving morning run. Doc, W3GAD, is coordinating these events.

Our November meeting features Jason ... on UHF/VHF Digital Modes and our December meeting features our annual Holiday Dinner. We are currently searching for a program in January.

Bill, K3FMQ and Vinny, K3VJP will soon begin a search for our next year officers. They will be contacting members by phone in early 2014. In 2014, we will be holding our election of officers in May which aligns with the WARC constitution. Hence, we need to have a slate of candidates confirmed by March.

I look forward to seeing everyone at the November meeting.

73's - Irwin KD3TB

(Continued on page 2)

(Continued from page 1)

Antenna program

FUNDAMENTALS OF ANTENNA MEASUREMENTS IN AN ANECHOIC CHAMBER-NEW!

Date: Friday, Nov. 8

Time: 10 AM (must pre-register)

Fees: FREE!

Location: Anechoic Chamber 300 E. Bristol Road, Warminster. Entrance will be from the Penn State gate on Bristol Road.

The most common use for an anechoic chamber is the frequency measurement of antenna performance. The staff of the Penn State Anechoic Chamber will present an informative talk on the fundamentals of antenna measurements and will show some basic antennas and how they work, as well as provide a demonstration of an actual antenna measurement.

Space restrictions limit group to 20 people. Call the Warminster Parks and Recreation office at 215-443-5428 to register.

George N3HBT

HOLIDAY DINNER

It's that time again for our Waminster Amateur Radio Club holiday dinner. We need to get the information to the caterer so it would be greatly appreciated to get your reservation in - even if you pay at the door. Herw is the info:

Date: December 5th / 6:30PM

Where: Ben Wilson Senior Center

Cost: Single adult \$13.00

Couple \$26.00

Children \$6.50

How to pay: PayPal via K3DN.ORG website (best way)

Pay by cash or check to Bill Ballentine at November meeting.

Pay at door (only if you advise a WARC board member ahead of time so we ca get a correct count)

This year as in previous years, the WARC board underwrites the cost of the event.

See you there.

FOR SALE

From a SK WARC member estate sale Astron RS-35M (with volt and amp meters) 35 amp P/S in relatively good condition (few scratches on cabinet).

As far as I know, it works well (put a voltmeter on +/- terminals and it reads a steady 13.8 VDC. I did not test it under a load.

ASKING: \$75 (new ones sell for \$180 and up)

73

Bob Wilderman, K3SRO

dlrwild1@verizon.net

(215) 872-2511 cell

(215) 997-6551 home

(Continued on page 3)

(Continued from page 2)

COVERED BRIDGE BIKE RUN

On October 20, 2013 there were 2240 bike riders in the Central Bucks Bike Club Covered bridge ride. The weather was sunny and cool, just ideal for a bike ride. Since cell coverage is so spotty in the hills and valleys of upper Bucks County, amateur radio served very well linking the SAG wagons, rest stops, and headquarters at Tinicum park. The W3HJ Hilltown repeater 145.33 covered the river valley very well. N3EXA put his new UHF to VHF cross band portable repeater to good use. NX3S organized the operators mostly from the Warminster ARC. Many thanks go to:

NX3S
W3GAD
KB1JEY
KB3MTW
NF3L
KB3HRP
N3OZO
WE3L
WA4YWM
W3HJ
N3EXA
W3ICC

Drex, W3ICC

DX: K9W WAKE ATOLL DXPEDITION TEAM GETS ENTRY OKAY

The K9W Wake Atoll DXpedition <<http://www.wake2013.org/>>, which was put on ice as a result of the partial government shut-down, now has US Air Force permission to visit Wake. "Our equipment is already on Wake and in safe storage awaiting our arrival," the team said in a media release. The 12 operators plan to assemble in Hawaii on October 30, leave November 1, arrive November 2 and "immediately erect antennas and set up the stations."

The team expects to have two CW and two SSB stations on the air, and current plans call for K9W to be active from November 3 through November 15 (Wake Island time). The team has posted its operating plan <<http://wake2013.org/pages/bandplan.html>> on its website.

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

DX: EASTER ISLAND DXPEDITION SET

Members of the Uruguay DX Group will be on the air from Easter Island as XR0YY <<http://easterisland2013.com/>> November 1-7. A seven-person team will operate from Hanga Roa, running three stations simultaneously on 1.8 through 50 MHz, CW, SSB and digital modes. QSL via EB7DX. Easter Island is number 107 on the ClubLog Most Wanted <<http://www.clublog.org/mostwanted.php>> list. Operators include Jose, CE0HYO; Gustavo, CX2AM; Humberto, CX3AN; Gustavo, CX3CE; Mario, CX4CR; Gen, EA5HPX; Francisco, EA7FTR, and Carlos, LU2NI. -- The Daily DX <<http://www.dailydx.com/>>

DX: OPERATION APPROVED FOR DXCC CREDIT

The ARRL DXCC Desk has approved the 2012 and 2013 operations of T6MH -- Afghanistan for DX Century Club credit. If a request for DXCC credit for this operation has been rejected in a prior application, contact ARRL Awards Branch Manager Bill Moore <bmoore@arrl.org>, NC1L, to be placed on the list for an update to your record. Please note the submission date and/or reference number of your application in order to expedite the search for any rejected contacts.

DXCC is Amateur Radio's premier award that hams can earn by confirming on-the-air contacts with 100 DXCC "entities" <<http://>>

(Continued on page 4)

(Continued from page 3)

www.arrl.org/country-lists-prefixes," most of which are countries in the traditional sense. You can begin with the basic DXCC award and work your way up to the DXCC Honor Roll. Learn more

<<http://www.arrl.org/rules>>. -- ARRL Awards Branch Manager Bill Moore, NC1L

Courtesy of the ARRL Newsletter

SOLAR UPDATE

Solar Guru Tad "I'll Follow the Sunspots" Cook, K7RA, Seattle, Washington, reports: It's been a lively couple of weeks, with plenty of sunspots and great HF propagation. The average daily sunspot number for the week was 161.6, essentially unchanged from last week's average of 162. Solar flux values were up quite a bit, though, rising from 139.6 to 158.3 -- a healthy jump.

Predicted daily solar flux:

- 140 on October 31
- 135 on November 1-3
- 130, 135, 140 and 145 on November 4-7
- 110, 105, 110 and 120 on November 8-11
- 125, 130 and 135 on November 12-14
- 140 on November 15-18
- 155 on November 22-25

Predicted planetary A index:

- 25 on October 31
- 15 on November 1
- 8 on November 2
- 5 on November 3-9
- 12, 15, 10 and 8 on November 10-13
- 5 on November 14-25
- 8 on November 26-27

On October 26 the Penticton solar flux reading was 171.8, but NOAA downgraded it to 165, probably because the higher value was an outlier caused by solar events overloading the receivers at Penticton.

You may recall the comment from VU2NS last week about HF contest operations charging the ionosphere with all those high-powered stations with big antennas on the air. It's an old joke, but K9LA ran the numbers for us, just to see how farfetched the concept is. Look for it in this week's bulletin. We'll also have an updated ARRL November

Sweepstakes forecast for this weekend, the CW portion of the contest.

Courtesy of the ARRL Newsletter

YOUR LEAGUE: THE ARRL CENTENNIAL QSO PARTY STARTS JANUARY 1, 2014!

In conjunction with the 100th anniversary of the ARRL, the ARRL Centennial QSO Party <<http://www.arrl.org/centennial-qso-party>> is set to kick off January 1 for a year-long operating event in which participants can accumulate points and win awards, as well as working new stations and making new friends. During 2014 W1AW will be on the air from every state (at least twice) and most US territories, and it will be easy to work all states solely by contacting W1AW portable operations. This marks the first ARRL-sponsored operating event where every member is worth at least one point. The event is open to all, although only ARRL members and appointees, elected officials, HQ staff and W1AW are worth points <<http://www.arrl.org/centennial-qso-party#Table>>. Working ARRL's president, for example, earns 300 points!

To qualify for points all contacts must be two-way (no cross-band or cross-mode contacts), using CW, phone (FM, SSB, AM, digital voice), digital (any digital mode, such as PSK31, RTTY) on 160, 80, 40, 30, 17, 15, 12, 10, 6, 2 and 1.25 meters, plus 70 centimeters and satellite.

Stations exchange <http://www.arrl.org/centennial-qso-party#QSO_Information_Exchange> signal report and ARRL abbreviation. Contacts do not have to be contest-style and it isn't necessary to give the ARRL organizational information. A centennial database will assign point values to all logs submitted electronically. Those not submitting electronically, however, will need to obtain the QSO information during the contact. This event is not a contest, so participants may make contacts in any fashion they prefer.

The Centennial QSO Party is scored by totaling the values of all eligible contacts. There are no multipliers or bonus points. Logs submitted via Logbook of the World (LoTW <<http://www.arrl.org/logbook-of-the-world>>) will be scored automatically.

Awards

Work W1AW operating portable from all 50 states. Working W1AW in Connecticut does not count for Connecticut, however. Participants can earn W1AW Connecticut credit only for working W1AW/1 in Connecticut. A W1AW WAS certificate and plaque will be available (pricing not yet announced). For an extra challenge, work all 100 W1AW portable operations -- essentially a double WAS with W1AW!

Endorse the W1AW WAS Certificate with the Territorial Stickers for working W1AW/KH2, W1AW/KP4, W1AW/KP2, and any others that may be active, and also endorse with W1AW/3 from the District of Columbia (stickers are \$1 each)

Centennial Points Challenge

To compete in the Centennial Points Challenge, submit logs via Logbook of the World (LoTW <http://www.arrl.org/logbook-of-the-world>>). The system will automatically look for points-qualifying contacts from submitted logs and apply them to each participant's Centennial QSO Points table. QSOs do not have to be matched in LoTW for points to be achieved -- this is an honor-based event. No paper forms or information will be accepted for the Centennial Points Challenge, however. Some points worth noting:

Club call signs do not count for points.

Repeater contacts are not valid for credit.

Mobile and portable operations are okay but do not count for points in addition to home operation -- ie, a contact with K0GW counts for K0GW, whether it is made with K0GW/4, K0GW/m, or PJ4/K0GW.

Stations outside of the US may also count for points. More than 10,000 ARRL members live outside the US, and some of these are also volunteer examiners or DXCC card checkers.

ARRL appointees, staffers, and officers should choose for their contact exchange the appointment or office held that offers the highest point value (this is how the database will work also). For example, KI9XX is an ARRL Life Member (a LM is worth 2 points), a Volunteer Examiner (VE is worth 5 points) and a State Government Liaison (SGL is worth 30 points), so KI9XX should use "SGL," since that offers the highest point value. In any event, the database will give credit for the proper point value.

The top-scoring operator from each ARRL Section, Canadian Province and DXCC entity will receive a First Place certificate. The

(Continued from page 5)

Top Five overall point scorers will receive awards. There is a charge for award certificates. For complete information, visit the ARRL Centennial QSO Party http://www.arrl.org/centennial-qso-party#QSO_Information_Exchange web page. Contact us 100QSOParty@arrl.org if you have questions.

Courtesy of the ARRL Newsletter

REGULATORY: FCC ISSUES WARNINGS FOR AMATEUR RADIO INFRACTIONS, UNLICENSED OPERATION

The FCC's Enforcement Bureau recently made public warning letters <http://transition.fcc.gov/eb/AmateurActions/Welcome.html> to several individuals for alleged infractions of the Part 97 Amateur Service rules or Section 301 of the Communications Act of 1934, as amended. On August 9, Special Counsel Laura L. Smith wrote Jack Hartley, K4WSB, of Tampa, Florida, citing evidence received from members of the Amateur Auxiliary (Official Observers) that Hartley had operated outside of his Advanced class privileges while attempting to work a station on Kwajalein Atoll in the South Pacific.

"According to the OOs, the operator refused the contact noting that you were not authorized to be operating in the band," Smith wrote. "This was your 4th attempt to contact this operator. As a result of your three prior attempts to contact the operator, the OOs had sent you three OO advisory cards for out-of-band operation. Rather than sending you a 4th advisory, they contacted the Commission and asked us to remind you that your continued attempts to contact the operator on Kwajalein Atoll constitute a violation of our rules, as you are not authorized to be operating in that band." The three prior instances occurred in 2007 and 2008.

Smith cautioned Hartley that continued operation outside the parameters of his license could lead to enforcement action that could include revocation or suspension and fines. "It could also jeopardize any attempts to obtain an upgraded Amateur Radio license," she added.

On June 24, Smith sent identical warning notices to Eric J. Christianson, KN0CW, and Thomas E. Barnes, N7OVC, both of Reno, Nevada, to inform them that the trustee of the WA7DG repeater in Sparks, Nevada, had requested that they refrain from using his repeater.

"The written request was issued as a result of your failure to follow operational rules set forth by the licensee/control operators of the repeater system for their users," Smith said. "The Commission requires that repeaters be under the supervision of a control operator and not only expects, but requires, that such control operators be responsible for the proper operation of the repeater system. Control operators may take whatever steps they deem appropriate to ensure compliance with the repeater rules, including limiting the repeater use to certain users, converting the repeater to a closed repeater or taking it off the air entirely."

Smith advised the licensees that the FCC expects them to abide by the repeater owner's request and "any other similar requests to cease operations on any other repeaters by any other repeater licensees, control operators or trustees."

She said continued use of the WA7DG repeater could subject them to "severe penalties, including license revocation, monetary forfeiture (fine) or a modification proceeding to restrict the frequencies upon which you may operate."

On July 8, Smith warned James E. Richburg, address withheld and unknown, against unlicensed radio operation in the Amateur Radio bands. "It has come to the attention of the Federal Communications Commission that at multiple times in the last several months you have made radio transmissions in the amateur band, for which a license is required," Smith wrote. "You have no such license."

Smith pointed out that operating transmitting equipment without a valid FCC license violated Section 301 of the Communications Act of 1943 as amended, "and may subject the responsible parties to substantial monetary forfeitures, in rem arrest action against the offending radio equipment, and criminal sanctions including imprisonment."

All of Smith's warning notices concluded with this advisory: "Fines normally range from \$7,500 to \$10,000." Read more <http://www.arrl.org/news/fcc-issues-warnings-for-amateur-radio-infractions-unlicensed-operations>.

Courtesy of the ARRL Newsletter

CLUB INFO

PUBLIC SERVICE

November 18- Bucks County marathon.

November 28 Thanksgiving Day – 5 k run in Newtown – W3GAD

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.

If you want to have your picture taken to be placed on the 'Members' Photos' section of the 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

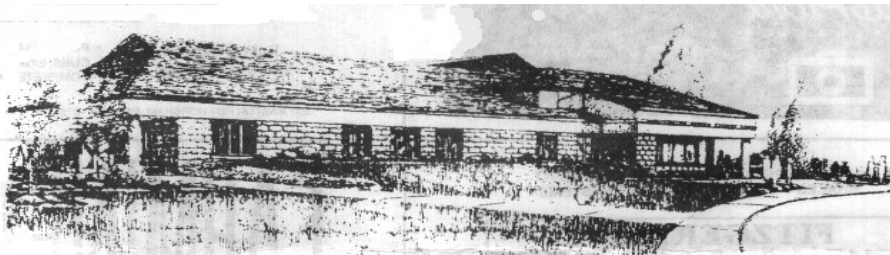
November - What's New in Digital

December - Holiday Dinner

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

November

2-4 Nov. Sweepstakes – **CW**
 16-17 EME 50-1296 MHz-Round 2
 16-18 Nov. Sweepstakes – **Phone**

December

6-8 60 Meter
 14-15 10 Meter
 22 Rookie Roundup–**CW**

QSO Parties

Kentucky 1400Z, Nov 9 to 0200Z, Nov 10

➤ ATLANTIC DIV. HAMFESTS - 2014



Jan. 18 - Winterfest

HACC Campus, Cooper Student Union, South Hall 1 HACC Drive
 Harrisburg, PA 17101
<http://www.w3uu.org>

Jan. 26 - MMARC 2014 Post Holiday Hamfest

Odenton Volunteer Fire Company
 1425 Annapolis Road
 Odenton, MD 21113
<https://sites.google.com/site/marylandmobileers/hamfests-1/hamfest-2>

Feb. 15 - Gloucester City ARC Hamfest

Pine Grove Fire Association Fire Hall
 827-829 Jersey Avenue
 Gloucester City, NJ 08030
<http://nj2gc.org>

April 5 - Greater Baltimore Hamboree host to The Regional Emergency Preparedness Expo

Maryland State Fairgrounds
 2200 York Road
 Timonium, MD
<http://www.gbhc.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 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

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

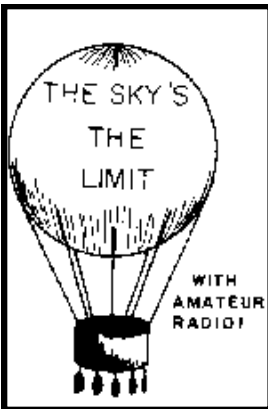
Bucks County SKYWARN Weather Spotter PRIMARY FREQUENCY: 147.300MHZ (+ 131.8)
 Fairless Hills, PA (many remote access locations throughout Bucks County)

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 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
- 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
 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
Associate:	\$ 5.00

- 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	215-357-9286
Treasurer	Bill Ballantine	K3FMQ	215-766-0764
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
Publicity	Bernice Kraut	KB3PCX	215-884-8195
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
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	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