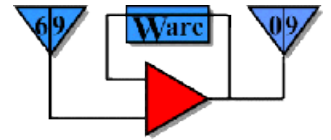




FEEDBACK



Web Site k3dn.org

Warminster Amateur Radio Club

December 2012

Next Meeting December 6th, 2012 – Holiday Dinner

President's Message

Snow in November, not unexpected given our changing weather lately, but still a little early for us around here. I hope everyone has a chance to do some last minute antenna work before the cold weather really sets in for the winter season. I keep putting off moving a vertical antenna and laying down new ground radials.

The HF contest season is now here. To only name a few, October featured both the PA QSO party and CQWW SSB, while the weekend after Thanksgiving was CQWW CW contest. Hurricane Sandy affected a lot of the Northeast stations as many made preparations on Sunday to lower towers and secure antennas. Our VE2DXY team left Northern Canada one day early to make it home just before the storm made landfall. In November we also had ARRL Sweepstakes CW and SSB contests. These are great contests to work a number of North America (Canada, Mexico and US) and Dx stations. I hope everyone had an opportunity to participate in at least one of them. On the weekend of December 8th and 9th is the ARRL 10 Meter contest (<http://www.arrl.org/10-meter>). This contest is a great way to work a number of stations without requiring an antenna farm. 10 Meters has been very active and hopefully will remain so for this contest. A short wire antenna, even placed outside a window in an apartment, will give you a number of 10 Meter contacts. A good reference for building dipoles can be found at a number of internet sites. I like to use this formula for a ½ wave dipole; length in feet = 468/frequency in Mhz. It's not perfect, but will get you in the ball park. You can either trim or add wire as needed. As always, a great reference for contests can be found at <http://www.hornucopia.com/contestcal/contestcal.html>.

We had a number of Public Service activities in November and of course many of our operators helped out during and after Hurricane Sandy. Our thanks to everyone who volunteers to make our community safer and help out when needed.

December is the holiday season and a time to reflect and remember those of our family and club members who passed away this year. Our club would like to extend their condolences to our Vice President (and Past President) and Rich AG3L whose Step Mother passed away in November.

I would like to start a new tradition in the Feedback; "*Feature our Member Ham Radio Stations*". Send a picture of your Ham Radio station to our Feedback editor Jim, WA4YWM - <mailto:wa4wym@comcast.net> with a brief description. Each month he will select a station to be included. I will start with my station in this issue.

Our December meeting is the annual Holiday Dinner. If you have not already signed up and still want to join us for a great time of fellowship and food, you will find the information on our website www.k3dn.org. Or, contact Rich Luce, who is coordinating the dinner this year. Our regular meetings will resume on January 3rd.

If you have browsed our club website lately, www.k3dn.org, you will notice a Facebook icon. You will find a number of pictures from past club events. It's a great way to share, club events, your ham radio experiences and questions.

Happy Holidays to everyone and regards,

Irwin KD3TB

Feature our Member Ham Radio Stations: Here is an invitation to start a new feature in our WARC Feedback. It's an invitation to show your radio station with a brief explanation. No station set up is too small. Send your picture and description to our Feedback editor Jim, WA4YWM - <mailto:wa4wym@comcast.net>. Each month Jim will select one station to be featured in the feedback. What a great way to share your operating station with our fellow club members. To get us started, I am featuring my station. I hope you will join us.

(Continued on page 2)

(Continued from page 1)

STATION OF THE MONTH



KD3TB Amateur Radio Station:

The KD3TB Amateur Radio station consists of an Elecraft K3 HF Radio with the matching P3 Pan Adapter and KPA500 (500 watt) amplifier. You also see an Acom 1000 (1000 watt) amplifier and LDG 1000Pro Auto-Tuner. While the KPA500 is a solid state amplifier, the Acom 1000 uses a 4CX8000A tube. I have a Yaesu FT-7900 2M/440 Rig (on top of the tuner), two SWR meters; one for HF and the other for UHF/VHF. Finally, I have a Hy-gain rotor control that connects to a CD-45 rotor on my tower, switching power supply and an MFJ remote coax switch. The two monitors connect to a Dell computer running Windows 7. This allows me to have multiple applications visible at one time, especially in a contest. Photo's and certificates on the wall are from awards and dx'peditions. My antennas consist of a Cushcraft yagi for 10, 15 and 20 Meters; an HF5V vertical antenna that I use for 40 and 160 Meters; and a dipole for 80 Meters. I primarily operate HF and use MixW software for Digital Modes. For logging and syncing with LOTW I use Dx4win. Currently I am at 310 confirmed countries for the DXCC award and working on my 5-Band DXCC award.

MINUTES

President Irwin /KD3TB opened the meeting by thanking Bernie, AB3YZ and Rich, AG3L for assisting with the general meeting last month during his absence.

Introductions

The microphone was passed around. Forty one members and one guest present.
New members/upgrades: none.

Minutes of previous meeting

The minutes of the October 4 2012 meeting were approved as published in the Feedback.

Audio recordings of the meetings and presentations are available online at www.wi3z.com. Thanks to AI/WI3Z for providing this service to the WARC membership.

Committee Reports

Treasurer report - Frank, W3ESL

As reported.

Programs - Rich, AG3L

Tonight Rick Lamb, K3TL -HRO

Dec 6 Holiday dinner

Ticket prices for the Holiday dinner are \$12.50/ adult and \$6/child.

Rich/AG3L thanked AI/WI3Z, Brian/N3EXA and the Warrington Township authorities for their support with the repeater and power hookup to the township emergency power generator. The repeater was operational throughout the duration storm Sandy.

Rich/AG3L announced that operators are needed in various counties in New Jersey that were hit hard by the storm.

(Continued on page 3)

Membership - Bill, K3ZMA

Members on rolls: 164

Members in good standing: 136

Yearly dues can be paid between now and March 2013 by check or PayPal.

Any questions on membership should be directed to membership@K3DN.org

VE session - Larry, WA3ELQ

The session was cancelled because of the storm.

The new location and schedule for the VE sessions is the Ben Wilson center on the last Monday of the month at 6:30 PM.

Repeater - Brian, N3EXA

Repeater appears to have an intermod issue but is working fine.

Public Service - George, N3HBT

Canal marathon in New Hope on November 18.

Thanksgiving turkey run on November 22.

Both events are coordinated by Doc/W3GAD.

Classes - George, KA3WXV

Classes are over. Had six students in the last TechniciansGeneral session.

Next session will start in March 2013.

Publicity - Bernice, KB3PCX

Looking for pictures from members. Ham Radio advertisements have been placed in various restaurants and businesses. Ads have been sent to the Intelligencer and the Hatboro radio station.

Club clothing - Alan, KB3VYX

No update since last month.

Old Business

None.

New Business

None.

Members Comments/Questions

None.

The meeting was adjourned at 8:00

The audio of the meeting including the presentation is available at www.wi3z.com

Submitted:

Bernie / AB3YZ, Club Secretary

November 1, 2012

For Sale Heathkit amplifier

Model SB200

Ser no. 05214

tubes 572B

This amp is in excellent working condition. I am the second owner. It was built by a club member. It is putting out around 700 watts.

Price \$425.00

Mike@wj3o.com

SOLAR UPDATE

Tad Cook, K7RA, reports: The average daily sunspot number for the week was down nearly 38 percent to 78.9, compared to last week's average. The average daily solar flux dropped nearly 13 percent, to 121. The seven-day reporting period for these data ran from November 22-28. The predicted solar flux for the near term is 110 on November 29, 105 on November 30-December 1, 100 on December 2-4, 105 and 115 on December 5-6, 130 on December 7-11, 135 on December 12-15, 140 on December 16-17, 135 on December 18-19, 130 on December 20-22, 120 on December 23-24, 115 on December 25, 110 on December 26-28, and rising again to 115 on December 29-30. The predicted planetary A index is 11, 15 and 8 on November 29-December 1, 5 on December 2-5, 10 on December 6-8, then 5 and 8 on December 9-10, 5 on December 11-15, 8 on December 16, and back down to 5 on December 17-31. The new year is expected to begin with slightly unsettled conditions, with a predicted planetary A index at 10 on January 1-4. Look for more on the ARRL website on Friday, November 30. For more information concerning radio propagation, visit the ARRL Technical Information Service Propagation page <<http://www.arrl.org/propagation-of-rf-signals>>.

Courtesy of the ARRL Newsletter

USPS SEEKS TO PHASE OUT IRCS

If the US Postal Service (USPS <<https://www.usps.com/>>) gets its way, it will no longer sell International Reply Coupons (IRCs) after January 27, 2013. According to the October 23 edition of the Federal Register <<https://www.federalregister.gov/articles/2012/10/23/2012-25992/international-mailing-services-proposed-product-and-price-changes#h-88>>, there is not sufficient demand for the USPS to continue offering IRCS to customers; however, per the Universal Postal Union (UPU <<http://www.upu.int/en.html>>) regulations, the USPS must continue to exchange and redeem IRCS that have been purchased in foreign countries and presented at USPS facilities. Comments on this proposed change will be accepted <http://www.regulations.gov/#!submitComment;D=USPS-2012-0101-0001> through November 23, 2012. IRCS provide foreign addressees with a prepaid means of responding to inquiries, solicitations or other types of communications -- such as QSL cards -- that are initiated by US senders. IRCS are exchangeable for postage stamps by postal administrations in member countries of the UPU. Each IRC is equivalent in value to the destination country's minimum postage price for an unregistered airmail letter. The purchase price in the US is currently \$2.20 per IRC. -- Thanks to The Daily DX <<http://www.dailydx.com/>> for some information.

Courtesy of the ARRL Newsletter

ARRL'S LOGBOOK OF THE WORLD: BUG FIX IS IN PLACE

ARRL Chief Executive Officer David Sumner, K1ZZ, reports on a bug fix for Logbook of The World.

The fix for the Logbook of The World (LoTW <<https://p1k.arrl.org/lotwuser/default>>) bug was implemented at 2103 UTC on November 28. Full credit goes to ARRL Information Technology Manager Michael Keane, K1MK, for figuring out what was happening and how to correct it.

There are two ways of uploading logs: via the LoTW website and by e-mail. LoTW users should note that e-mailed logs were not affected by the bug, so no e-mailed logs will need to be resubmitted.

At the time the fix was implemented, LoTW processing was running almost exactly three days behind. If a user's most recent upload was made before 2100 UTC on November 25 and it has not yet been processed the file should be resubmitted. There should be no need to resubmit logs uploaded since 2100 UTC on November 25, which would include all CQWW CW DX Contest logs submitted after the end of the contest.

There is, however, a very slight chance that logs uploaded after this date might have been overwritten. If you find that your logs that were uploaded after November 25 are not appearing in your LoTW account, please wait until after December 3 to upload them again.

Thanks to everyone who has been patient while we grappled with this bug. The issue of slow processing speed is also being addressed, but it requires a hardware upgrade that will take several weeks to implement. Your continued patience and understanding will be appreciated.

Courtesy of the ARRL Newsletter

The ARRL 10 Meter Contest: The Band Is Hot!

Will it be possible to beat the 2011 running of the [ARRL 10 Meter Contest](#)? With more than 5300 logs received and worldwide openings last year, that may be a tall order. This past weekend during the CQ WW CW Contest, 10 meters was in great shape, despite a coronal mass ejection that hit on Friday evening. But according to ARRL Contest Branch Manager Sean Kutzko, KX9X, one thing's for certain: There's going to be a ton of activity, as hams from all around the world look to work some DX on the band!

In the US, Novice and Technician class operators can get in on the fun, too. Both classes are permitted SSB operation between 28.3-28.5 MHz with 150 W. If you don't have an antenna for 10 meters, build one yourself! A dipole for 28.4 MHz is about 16.5 feet long -- build it and get it up in the air as high as you possibly can. "This is an easy construction project and you *will* work stations, especially with band conditions like this," Kutzko explained. "Quite simply, this is a weekend you don't want to miss!"

Single Operator entrants can use either CW only or SSB only -- or a mixture of both. They can choose between High Power, Low Power (150 W or less) or QRP (5 W or less). Want to share the fun with your friends? Invite them over and enter in the Multioperator category. Stations that operate as a Single Operator are not allowed to use any spotting network; if Single Operator stations wish to use spotting networks, they will be entered in the Multioperator, Single Transmitter category. Even though this is a 48-hour contest, all stations -- be they Single or Multi Operator -- can only work 36 of the 48 hours. This means that operators will have to plan the best strategy to be on the air at the right time to take advantage of the propagation.

In 2010, the ARRL added the 32 Mexican states as multipliers in the ARRL 10 Meter Contest. "Activity from our friends in Mexico spiked in 2010 as a result of the inclusion of Mexican states, and there's every indication there will be even more activity from these stations in 2012, providing even more stations to work and increase your score," Kutzko said. For a list of the Mexican states and their abbreviations, as well as information on how "rare" each state is, download this [free map](#), provided by Grupo DXXE.

All stations will send their signal report -- RS(T) -- as part of the contest exchange. In addition, stations in the US (including Alaska and Hawaii) and Canada will send their state or province as part of the exchange; stations in the District of Columbia stations will send DC. Mexican stations will also send their state. DX stations (including KH2, KP4 and such) will also send a sequential serial number starting with 001. Maritime mobile stations will also send their ITU Region (R1, R2 or R3).

The [ARRL 10 Meter Contest](#) runs from 0000 UTC Saturday, December 8 through 2359 UTC Sunday, December 9. Logs must be [e-mailed](#) or postmarked no later than 2359 UTC Wednesday, January 9, 2013. Paper logs should be sent to ARRL 10 Meter Contest, 225 Main St, Newington, CT 06111

Courtesy of the ARRL Newsletter

Morse Code Plays Role in New Spielberg Movie

Producer Steven Spielberg has used Amateur Radio or Morse code in three of his last four movies: *Super 8* (2011), *The Adventures of Tin Tin* (2011) and *Lincoln* (2012). Members of the Morse Telegraph Club (MTC) -- an association of retired railroad and commercial telegraphers, historians, radio amateurs and others with an interest in the history and traditions of telegraphy and the telegraph industry -- played an integral part in the production of *Lincoln*.

According to International President of the Morse Telegraph Club James Wades, WB8SIW, several MTC members -- including Tom Perera, W1TP; Derek Cohn, WB0TUA; Kevin Saville, N7JKD, and Roger Reinke -- provided telegraph instruments to equip the 16 operating positions portrayed at the War Department set. Jim Wilson, K4BAV, and his son Matt had roles as extras. Wilson also worked with production staff and the actors to explain telegraph technology and the role of the telegrapher in the 1860s.

"Nine of the 16 telegraph positions depicted in the War Department were fully operational," Wades said. "These instruments could be operated in any combination through the use of a specialized computer program and custom built terminal units for the process. When necessary, a hand key could be inserted in the individual telegraph loops so messages could be improvised."

Wades, who was employed as a Technical Advisor for the production, worked with set designers over a period of months to develop the War Department telegraph scenes, coordinating the process of procuring the necessary instruments and serving as an historical consultant as the telegraph scenes were developed. He also worked the producers to develop historically appropriate message traffic that fit the sequence of the script; however, as the movie was edited, he explained that the final product evolved into a more generic facsimile of Morse traffic. "Those with a background in landline telegraphy will hear the occasional snippet of message traffic in the audio track of the movie," he said. "We are very pleased that Mr Spielberg and his staff took the time to treat the telegraph with dignity and respect. It is a pleasure to be associated with a high quality motion picture that can genuinely be classified as not just entertainment, but as a work of art."

Courtesy of the ARRL Newsletter

CLUB INFO

PUBLIC SERVICE

CLUB STATION

The WARC club station is open to anyone with an interest, on Tuesday evenings between the hours of 7:00 and 9:00 pm. For further information, call George Brechmann N3HBT at 215-443-5656.

WARC ALUMNI MEMBERSHIP

Attention all former WARC members. At the March 4, 1999 General Meeting, revisions to our club's constitution were approved that among other things, establishes a new Alumni membership category for former WARC members who are unable to attend meeting and Club activities on a regular basis due to health considerations or travel impediments. Dues for the Alumni membership were established at \$10.00 annually to cover the costs of printing and mailing our monthly FEEDBACK newsletter. Please contact co-chair Bill Strunk (K3ZMA) for more information.

ATTENTION MEMBERS

If you want to have your picture taken to be placed on the 'Members Photos' section of the www.k3dn.org website, please email Michelle at 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: membership@K3DN.org. Thank you.

PROGRAMS

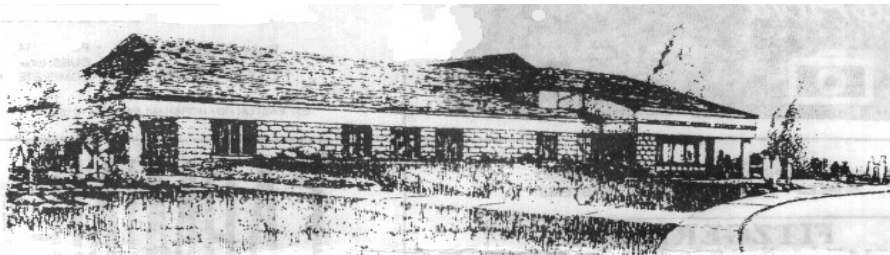
2012 - 2013

December 6th Holiday Party
February 7th Auction

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.**



2012 - 2013 Contest Calendar

December

8-9 ARRL 10 Meter Contest
16 Rookie Roundup - CW

January

1 Straight Key Night
5-6 RTTY Roundup
6 Kids Day
19-21 January VHF Contest

February

11-15 School Club Roundup
16-17 International DX Contest – CW

March

2-3 International DX Contest – [Phone](#)

April

21 Rookie Roundup – [Phone](#)

June

8-9 June VHF Contest
15 Kids Day
22-23 Field Day

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 2012 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 - 2013

January 19 - Harrisburg, PA Winterfest
HACC Campus - Cooper Student Union South Hall , 1 HACC Drive Harrisburg, PA 17101
<http://W3UU.org>

January 27 - 2013 Post Holiday Hamfest
Odenton Volunteer Fire Company
1425 Annapolis Road (Route 175)
Odenton, MD 21113
<http://sites.google.com/site/marylandmobileers/hamfests-1/hamfest-2>

April 6 - Greater Baltimore Hamboree & Computerfest
Maryland State Fairgrounds
2200 York Road
Timonium, MD
<http://www.gbhc.org>

April 13 - York Hamfest
Porters Community Fire Company
1199 Porters Road
Spring Grove, PA 17362
<http://www.yorkhamfest.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

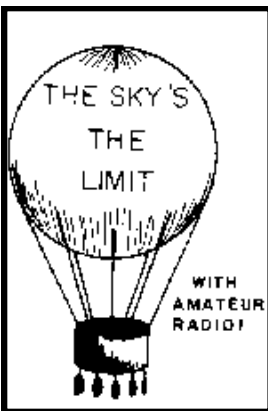
Bucks County SKYWARN Weather Spotter PRIMARY FREQUENCY: 147.300MHZ (+ 131.8)
 Fairless Hills, PA (many remote access locations throughout Bucks County)

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, 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
- 447.625 WE3E
- 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.

2012 Officers

Executive Officers

President	Irwin Darack	KD3TB	215-343-8170
Vice-President	Richard Luce	AG3L	215-441-8264
Secretary	Bernie Paratore	AB3YZ	215-348-2010
Treasurer	Frank Clayton	W3ESL	215-855-1029
Director (E)	Alan Berkheiser	KB3VYX	
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	215-443-7521

Committee Chairpersons

Archives			
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 12	Mark Kempisty	N3GNW	215-953-1493
Fundraising	Adam Huffnagle	KB3JCP	215-442-9526
Hamfest 12	Mark Hinkel	WA3QVU	215-659-4449
Hamwear	Alan Berkheiser	KB3VYX	
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			
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
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