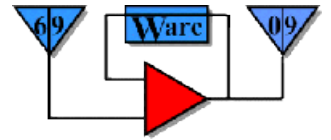




FEEDBACK



Web Site k3dn.org

Warminster Amateur Radio Club

January 2013

Next Meeting January 3, 2013 – N1MM Ham Radio Contesting Software

President's Message

As I write this message, the holiday season has almost come to a close with the New Year only a few days away. Hopefully in 2013 we will find all of our Ham Friends and members in good health. Band conditions seem to be slowly heading to the doldrums with the solar flux declining. I hope we have not seen the peak already. When I look at the DX spots, it seems there is more activity on the low bands.

Our condolences to the family of W3KEN, Chris Dardis, who passed away on December 19th at the age of 91. Chris was a long time member of WARC.

January is a busy month for contesting and has something for everyone with HF, VHF CW, SSB and Digital contests. The ARRL Kids Day is January 6th this year and is a great way to introduce your children and grandchildren to Ham Radio. It's a fun SSB contest with the great kids exchange of name + age + QTH + favorite color. Information can be found at <http://www.arrl.org/kids-day>. For those who like digital contesting, The ARRL RTTY Round-Up is also the same weekend (January 5th and 6th); rules can be found at <http://www.arrl.org/rtty-roundup>.

On January 18th to 20th you will find the ARRL January VHF Sweepstakes. Rules can be found at <http://www.arrl.org/january-vhf>. WARC and Packrats are setting up a station at the Warminster Senior Citizens center. Antennas for 6M, 2M, 432 and 220 are expected to be installed before the VHF contest. You will need to bring your own radio and power supply. More information will follow at our meeting.

The National Contesting Journal, an ARRL publication, features two contests this month and one in February:

- CW: 1800Z January 12 to 0600Z January 13, 2013 (Second full weekend in January)
- SSB: 1800Z January 19 to 0600Z January 20, 2013 (Third full weekend in January)
- RTTY: 1800Z February 23 to 0600Z, February 24, 2013 (Starts on last Saturday in February)

Rules can be found at <http://www.ncjweb.com/naqprules.php>.

I hope you are enjoying our new "*Feature of a Member Ham Radio Station*". Each month we will highlight one of our WARC members station. To do this, we need your input. Please send a picture of your Ham Radio station to our Feedback editor Jim, WA4YWM - wa4wym@comcast.net with a brief description. Each month he will select a station to be included.

Our January meeting will feature Mark, AA3K, giving a presentation on N1MM Ham Radio Contesting Software. N1MM is free contesting software and can be found at the following link: www.n1mm.com.

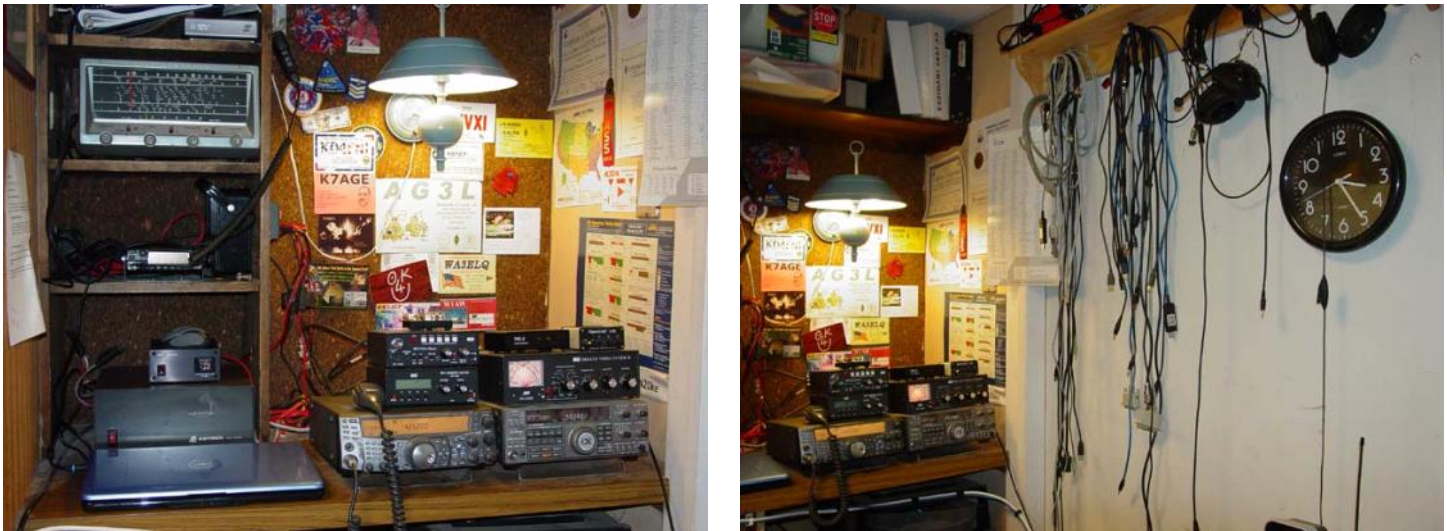
Our February meeting will feature our annual auction. So, it's time to start cleaning out the ham shack and donating all of the stuff you bought at the last Hamfest and still can't figure out why?

A reminder that the 2013 WARC Membership dues, for all members who pay on an annual basis, are due in January. There are three options available: PayPal link on our www.K3DN.org website, bring a check or cash to the January meeting or, mail to the Warminster Amateur Radio Club, PO Box 113, Warminster, PA 18974. Dues for regular members are \$20 per year.

Happy Holidays to everyone and looking forward to seeing you at the January meeting.

Irwin KD3TB

(Continued on page 3)

STATION OF THE MONTH—AG3L


One thing that's a constant about your home radio station is that it's never constant - it's always in the state of change. I can't tell you how many different variations I had for this radio station over the years. Hopefully each version improved on the last.

My radio station shares the space with my home office which is a 11' x 12' room with a 52" wide closet. I converted the closet into a ham radio alcove. I removed the doors, put up Homasote corkboard paneling on the rear of the alcove, and built a plastic laminate counter with drawers and a knee space.

On top of the plastic laminate counter, I built wood shelves and stained them to create additional space for radios, and other equipment. These wood shelves have been drilled at multiple locations, so that wires could be fed through.

With the advent of digital communications, my radio shack expanded from the alcove to include a table on the right side with my ham radio computer which controls my packet station, PSK, RTTY, CW, and APRS.

Since we share the space with my home business office, I'm limited in space both for the office and for the radio shack. It is a compromise that's always being fought. Within this space I have three computers networked together on a wireless system. In addition to the computers, I have three printers also wired into the network. The computer closest to the ham radio gear is dedicated strictly to ham radio. The rest of the computers are for business, and personal non-ham use.

If I can say anything negative about this setup, it's that it's ergonomically not comfortable. It is too cramped and the knee space is too narrow to work efficiently. This is something that I need to work on.

Depending on what the power needs are, we have two (2) Astron power supplies (7 and 35 amp), as well as a Powerwerx 30-amp switching power supply. All of the gear is powered by a 12 V network feeding from a Rigrunner 4005 distribution board feeding various sizes of Anderson power poles.

In the photo, the equipment that we have starting on the upper left is a Hallicrafters S-38E short wave receive receiver. The Hallicrafters radio was given to me in 1958 as a Christmas present from my parents. That got me interested in radio communications. Next we have an ICOM IC-2200H VHF transceiver. This radio is 2-meters only, but it has been converted to provide both D-Star and analog VHF communications.

Sitting on the desktop to the left of the HF radios, is my Dell laptop computer which is used for logging and contest work on voice. When I work digital communications, I use the ham radio computer on the other table.

To the right of the Dell Computer I have a Kenwood TS-2000 multi-mode HF transceiver. The TS-2000 is used for all HF modes, VHF/UHF communications on the 2 meter, 70 cm bands, and the 6 meter band. In my normal operation, I use the TS-2000 strictly for phone operations. That's just a quirk that I have, it would work fine for digital also if I chose to use it.

To the right of the TS-2000, is my original Kenwood TS-440, which I had completely rebuilt when I got back into ham radio. I find that the 440 is a fine radio, and I use it mostly for digital operations. But it works fine for phone also, both in the amateur bands, as well as on MARS, and Civil Air Patrol frequencies. After I put the effort into rebuilding the TS-440, I didn't have the heart to put it

out to pasture, when I later purchased the TS-2000 multi-mode radio.

Sitting on top of the Kenwood TS-440 is the MFJ-949E Versa Tuner, and the Signal Link USB Tigertronics interface for digital communications. To the left of the signal Link is a TNC-X packet node controller which I built from a kit and is used primarily as a digipeater, and for APRS. Sitting on top of the Kenwood TS-2000 is a MFJ-495 CW Memory Keyer which I use for working CW. Sitting on top of that is a MFJ-434B Voice Memory Keyer, which I use for contest work. Finally on top of those two items I have a Vibroplex CW paddle.

What you don't see, is a jumble of wires and coax switches behind the radio equipment which ties all the radios into the antennas. Outside I have a vertical VHF/UHF antenna and a Carolina Windom off-center feed dipole antenna for HF. So far the antennas have suited me well, and other than routine maintenance I think I'll be staying with them for some time. With the help of this station, we worked all states as well as 95 countries.

I can always make it better. I can always buy new equipment; but I think I'm going to stay with what I have for the time being. I just need to make it more comfortable to operate.

2013 WARC Membership dues

2013 WARC Membership dues are due in January. There are three options available:

- PayPal link on our www.K3DN.org website
- Bring a check or cash to the January meeting
- Mail to the Warminster Amateur Radio Club, PO Box 113, Warminster, PA 18974.

Dues for regular members are \$20 per year.
Alumni/Adult family members of club member
Membership \$10.00
Student Membership \$5.00

MEMBERSHIP CORNER

As of December 28, 2012 the status of WARC members dues is listed below. We have listed only the callsigns, not including the prefix(except in cases of dupes), to simplify the listing and it is in alphabetical order in each category listed. If you have any questions, BEFORE YOU PAY please contact membership via email at membership@k3dn.org or call Michelle at 215-672-7578 or Bill at 215-822-0749. Both phones have machines on them.

WARC dues are \$20 per year, \$10 per year for Family(f) and Alumni(a) members. In listings the Family and Alumni class of memberships are indicated by the lower case letters noted above.

Wishing everyone a Happy and Healthy New Year for you and your families, 73
Michelle KB3MTW and Bill K3ZMA , the WARC membership committee

The following callsigns (the part after the number) have WARC 2013 dues due:

ANO(a) BAS(f) BBU BDV BFS BI BIK BON(a) CET(a) DEY(a) DI EBZ ECK ECW(f) EXA FBP FKR FLH FMQ FNY FSB(a)
FT(a) GAD HCL HFH HRO HSB(f) IAS ICC IIE IRC(a) J JEY JH JQH JRB JSR JZN K KH KIO KXS L LJE LJG LPB MJP MTU
NNB NX NXX O OXZ PCX QAJ QBU(a) QGO QL QVQ RAU RF SDD SRO SRU TC TF TPM TQE TRU TSJ TWO UBF UHH
UI UPG UQP(a) VJO(f) VLN VPE WLO WNK WPX WSL WXV WI3Y WW3Y YCG YEP YJB YK YNH YNY YS YWM YZ
ZAP ZMA ZMW

The following callsigns still have partial WARC 2012 dues unpaid and are NOT on the yearly dues cycle, please contact membership for amount due:

A(a) AKW ANZ DHU E(a) JCP(a) JQD MUZ(a) OXW PMD RBX UBJ WJ NR3Z

The following callsigns have partial WARC 2011 dues unpaid and are NOT on the yearly dues cycle. According to the WARC constitution they need to re-apply for membership.

Please contact membership if you would like to continue to be a WARC member:

BAN DXL EPU FEX FQR(a) GFX IA KEN LAW LC MT QBT RWD SSB(2) TBS UKX UBH UVB WDY ZGT

The following callsigns currently have no WARC 2013 dues owed:

ALX BFQ C ELQ EMA ESL FIL FPZ GTV(f) HBT IAN(a) IEO KDA MFI N ODJ(a) ONY PQ QKQ QVU SDF TB TIF ULR
VMN VYX MTW WA WI3Z ZAK and S. Slocum=No Call(f)

SK

SOLAR UPDATE (Ed. Note: Slightly dated but still interesting—especially the 10M propagation discussion)

12/21/2012

It is Friday, and the world did not end. To herald this non-event, NASA even produced a wonderful **video** that explained how the whole thing was a misconception. The Mayan calendar is like an odometer, and when it gets to 999,999, it just rolls over to 0 and begins anew. As expected, Phil Plait of Bad Astronomy also provided a **nonsense-free assessment**, where he referred to the non-event as the “Maya Notpocalypse.”

Solar activity increased this week, but only slightly, geomagnetic indices up as well, but not by much. The average daily sunspot numbers increased 24.5 points, to 72.1, while the average daily solar flux was up by 14.8, points to 117.5. Expressed as a percentage, the average daily sunspot number increase seems large, but it is still in the area of low solar activity. Sunspot numbers for December 13-19 were 77, 71, 88, 74, 83, 66 and 46, with a mean of 72.1. The 10.7 centimeter flux was 116.6, 119.2, 122.4, 119.5, 115, 116.2 and 117.5, with a mean of 102.7. The estimated planetary A indices were 3, 3, 7, 5, 10, 6 and 4, with a mean of 5.4. The estimated mid-latitude A indices were 2, 4, 7, 5, 9, 5 and 4, with a mean of 5.1.

The average daily planetary A index increased 3.4 points to 5.4, and the average daily mid-latitude A index increased 2 points to 5.1. This is still low activity, with the A index good for 160 meters, but the sunspot numbers are not what 10 or 15 meter operators would like to see.

NOAA and USAF are predicting the 10.7 centimeter solar flux numbers at 115 for December 21-24, 120 on December 25-27, 100 on December 28-29, 95 on December 30-January 3, 100 on January 4, 105 on January 5-7, 110 and 115 on January 8-9, 120 on January 10-12, and peaking at 125 on January 13-14. The prediction shows flux values dropping below 100 on January 26-30, and then rising above 100 in February. We see planetary A index at 5 on December 21-22, 8 on December 23-24, 5 on December 25-28, 8 on December 29, then 5 on December 30-January 12. There is a big jump to 16 and 12 on January 13-14, then dropping back to 5 again into February.

Tom Morton, CXC7TT, from Rocha, Uruguay, writes about the ARRL 10 Meter Contest (December 8-9, 2012): "Due to house guests, I did not participate in contest, except for roughly 30 contacts. I turned the rig on right at 0000 on Friday night and 10 meters was pretty much dead (that's 2200 local). I did hear and work XV1X (Vietnam) at 0001 beaming long-path over the southwestern tip of the US, so the band had gone really long. Vietnam is about 12,000 miles from here via long-path. The next morning, typically good for Europe, was pretty dead. The few big guns in Europe were coming through, but not with really big signals. FH8PL at 1217 on SSB and T6LG at 1218 on CW were pretty easy to work. The next day, A45XR at 1600 on 10 meters CW was another easy catch. Around 1400 on Sunday, the band really opened up to the US. My rig had signals from 28.001 MHz that finally tapered off around 28.091 MHz, and SSB was crowded from 28.300-28.553 MHz. It was definitely a South American day, as two local multi-single stations were running big time. CW5W and CX5BW were within 200 contacts of each other by mid-afternoon on Sunday. I think Jorge and his crew, CW5W, may have the top score with more than 3200 contacts."

Peter Matsunaga, WH6EAU -- who operates from the South Coast of Oahu with 50 W into an end-fed wire -- also had 10 Meter Contest comments: "From a limited time working during the contest period, propagation seemed better on Saturday than it did on Sunday. On both days, I could work only one US station, in Texas. My location seems to be in a dead spot for much of Continental United States, due to a nearby mountain mass. Otherwise I could work Southern Brazil, Uruguay, Chile, Argentina and Australia on Saturday, and Japan on Sunday. The signal strength to Australia was particularly strong at times."

Kevin Seeger, NC6V, of Corona, California, also wrote about the 10 Meter Contest, "I noticed that the band just kept going dead from time to time. I checked my antenna and coax a few times to see if they were still there. E-skip openings were very, very rare to almost nonexistent. The strangest propagation was a severe echo on Sunday; I was hearing from stations on CW located in Ohio and Pennsylvania. At times it was so bad I couldn't copy their calls. I worked most states east of the Mississippi, but I missed the whole W7 call area and a big part of the W0 call area. I worked several Japanese stations on Sunday afternoon, and working into South America was a breeze."

Gerald Fasse, W8GF, of Warren, Michigan wrote: "Among the toughest DX paths from Southeast Michigan is to Cambodia (regular path heading 350 degrees, and 14,000 kilometers.). My only need was -- and still is 30 meters. Many 30 meter spots were noted on the DX cluster, coupled with frantic dial spinning, but no copy here. But I did manage to make a single 20 meter CW contact at 1830 on December 14. Checking for openings to the Southeast Michigan area, I saw that possible openings occur between 1600 and 1900 for that date. The point being that XU1A called again and again that day with few contacts noted, probably because mid-day openings to Southeast Asia are not expected. Don't always depend on the DX cluster for rare and unusual DX info. Tune your radio!"

New York City Ham Wins Appeal, Can Keep His Tower

In September 2010, Paul Isaacs, W2JGQ, of New York City, obtained a building permit for his Amateur Radio antenna support structure, comprised of a 40 foot tower topped by a Yagi antenna. Isaacs installed his antenna system on the roof of his four story brownstone -- 58 feet above ground -- in lower Manhattan.

Almost four months later -- months after the erection of the system -- the New York City Department of Buildings (DOB) declared its intention to revoke Isaacs' properly attained building permit, claiming that his Amateur Radio antenna system was not, in the Department's opinion, "an accessory use." Isaacs appealed the decision through the Department's bureaucracy, and when that didn't reverse the decision, he had a series of hearings before the New York City Board of Standards and Appeals.

In November 2012, the Board ruled that though perhaps uncommon, an Amateur Radio antenna system is indeed an accessory use under New York City's zoning ordinance and the building permit was properly granted. "The Board agrees with DCP [Department of City Planning] that the size of a use can be relevant to whether it is 'incidental to' and 'customarily found in connection with' a principal use," the Board wrote in its decision. "However, it finds that in the case of Amateur Radio towers, unlike cellular [towers] and certain other uses, there is no articulated standard to guide DOB in determining at what height a particular radio tower becomes a non-accessory."

The full decision may be found **here** under “Application of Paul K. Isaacs.” Isaacs was represented by attorneys Fred Hopengarten, K1VR, Stuart Klein and Chris Slowik.

Courtesy of the ARRL Newsletter

Kansas Ham Issued \$10,000 Fine for Operation of Unlicensed Broadcast Station

On December 5, Glen Rubash, KC0GPV, of Dwight, Kansas, was issued a \$10,000 fine for what the FCC called “willfully and repeatedly” violating Section 301 of the Communications Act of 1934, as amended by operating an unlicensed radio transmitter on the frequency 88.3 MHz in Manhattan, Kansas.

In response to a complaint, agents from the FCC’s Kansas City Office used direction finding techniques to locate the source of radio frequency transmissions on the frequency 88.3 MHz. According to a *Notice of Apparent Liability for Forfeiture* issued on December 6, agents found an FM transmitting antenna mounted on a pole next to a residence in Manhattan, Kansas on September 26, 2012. The agents determined that the signals on 88.3 MHz exceeded the limits for operation under Part 15 of the Commission’s rules and therefore required a license. Part 15 sets forth the conditions and technical requirements under which certain radio transmission devices may be used without a license; specifically, **Section 15.239** provides that non-licensed broadcasting in the 88-108 MHz band is permitted only if the field strength of the transmission does not exceed 250 $\mu\text{V}/\text{m}$ at 3 meters. The FCC noted that its records showed that no authorization was issued to Rubash, or to anyone else for operation of an FM broadcast station at or near this location.

The next day, agents from the Kansas City Office again used direction finding techniques to confirm if the station was still operating on 88.3 MHz from the same location, and found that it was. The agents, accompanied by the property owner, inspected the unlicensed station’s antenna and transmitter located in a locked detached garage. “The property owner stated that he allowed Rubash to use the garage to operate the radio station and that he thought the operation was legal because Rubash told him that he was a licensed radio operator,” the forfeiture order stated. “Later that same day, Rubash spoke to an agent from the Kansas City Office via telephone and confirmed that he was an Extra class amateur licensee (assigned call sign KC0GPV). Rubash also admitted that he purchased the radio transmitter and that the station had been on the air for two months. Rubash added that he would not voluntarily relinquish the transmitter if asked to do so.” The FCC stated that this response demonstrated that Rubash had control over the station.

Section 503(b) of the Communications Act provides that any person “who willfully or repeatedly fails to comply substantially with the terms and conditions of any license, or willfully or repeatedly fails to comply with any of the provisions of the Act or of any rule, regulation, or order issued by the Commission thereunder” shall be liable for a forfeiture penalty. Section 312(f)(1) of the Communications Act defines “willful” as the “conscious and deliberate commission or omission of [any] act, irrespective of any intent to violate” the law.” According to the FCC, the term “repeated” means the commission or omission of such act more than once or for more than one day.

In addition, Section 301 of the Communications Act states that “no person shall use or operate any apparatus for the transmission of energy or communications or signals by radio within the United States, except under and in accordance with the Act and with a license granted under the provisions of the Act.” For the purposes of Section 301, the FCC noted that the word “operate” has been interpreted to mean both the technical operation of the station, as well as “the general conduct or management of a station as a whole, as distinct from the specific technical work involved in the actual transmission of signals.” In other words, the use of the word “operate” in Section 301 captures not just the “actual, mechanical manipulation of radio apparatus,” but also operation of a radio station generally. To determine whether an individual is involved in the general conduct or management of the station, the FCC noted that it can consider whether such individual exercises control over the station, which it has defined to include “...any means of actual working control over the operation of the [station] in whatever manner exercised.”

The FCC found sufficient evidence to establish that Rubash violated Section 301 of the Communications Act. Additionally, “because Rubash is a licensed Extra class amateur operator, he presumably was aware (or should have been aware) that operation of the radio transmitter required a license. The foregoing facts indicate that Rubash consciously operated and/or otherwise was involved in the general conduct or management of the unauthorized station.”

Pursuant to the Commission’s *Forfeiture Policy Statement* and **Section 1.80** of the rules, the FCC found that the base forfeiture amount for operation without an instrument of authorization is \$10,000. In assessing the monetary forfeiture amount, the FCC noted that it must also take into account the statutory factors set forth in Section 503(b)(2)(E) of the Communications Act, “which include the nature, circumstances, extent, and gravity of the violations, and with respect to the violator, the degree of culpability, any history of prior offenses, ability to pay, and other such matters as justice may require.” Rubash has until January 4, 2013 to pay the \$10,000 fine or file a written statement seeking reduction or cancellation of the proposed forfeiture.

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

2013

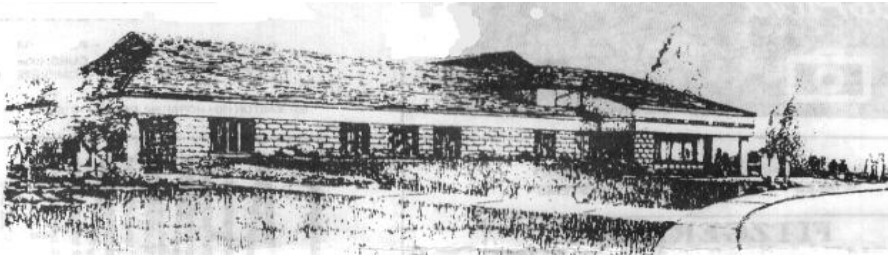
January 3rd N1MM Ham Radio Contesting Software

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.**



2013 Contest Calendar

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

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

*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.



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 | 215-968-397 |
| 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 |
| Interference | Mark Kempisty | AA3K | 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 | AA3K | 215-953-1493 |
| Publicity | | | |
| 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 |
| Youth Programs | Richard Luce | AG3L | 215-441-8264 |
| Youth Programs | Steve Larson | WW3Y | 215-822-1511 |