



FEEDBACK



Web Site k3dn.org

Warminster Amateur Radio Club

September 2012

Next Meeting September 6th, 2012 – Home Brew

President's Message

The Presidents Message September 2012 WARC Feedback

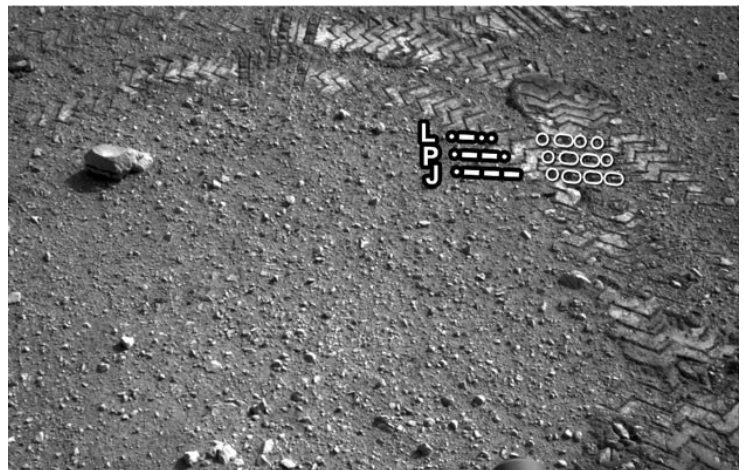
As I write this article on Labor Day weekend, the summer is slowly coming to a close. I am looking forward to some fall cool weather after this scorcher of a summer. The sun is giving us some good summer DX, although it seems to be lower than expected. This has been an interesting solar cycle with wide variations in the sun spot numbers. Today we find the Solar flux at a high of 131 (at 10.7 cm) with an A value of 3 and a K value of 2 resulting in good propagation and a quiet band. George (N3HBT) reported that he recently worked a station in Thailand on 15M with his new Stepper antenna. While looking at the Dx Cluster spots this afternoon I saw that James in Singapore (9V1YC) was spotted on 20M. The latest ARRL Propagation Bulletin ARLP035 (2012) can be found <http://www.arrl.org/wlaw-bulletins-archive/ARLP035/2012>. The fall brings the start of contesting season and September is a great month to finalize any antenna and station projects. A great website to keep track of contests can be found at the WA7BNM contest calendar website. Some notable contests include the ARRL September VHF QSO Party on September 8th to 10th and those of us who enjoy the digital modes, the CQ Worldwide DX RTTY Contest on September 29th to 30th. CQWW Worldwide contests are a great way to earn your DXCC awards. We also find the solar autumn equinox occurs in September (September 22, 10:49 A.M. EDT) giving us increased propagation across the equator into South America and into the southern Pacific.

Our club classes this fall begin on Monday, September 10th (7 pm to 9 pm) at the Senior Citizens Center and will feature a combined Tech/General class. If you are someone you know are interested in attending, contact George KA3WXV.

Michael Sabal, KB3GJT. Reports that BCARES will be assisting in the annual Bucks County Pandemic (flu) vaccination drill on Saturday, September 29th. On Tuesday September 11 at 7:30pm at the EOC BCARES will hold its regular meeting.

On September 15th WARC is coordinating a trip to the Battleship New Jersey to tour the ship and operate the NJ2BB station radios. If you are interested, please sign up through the club website at WWW.K3DN.ORG. We will meet at the Senior Citizens center at 8:30 am and be back around 4 pm. If you plan on going on your own, we are scheduled for our tour from 10 am to 2 pm.

Is there intelligent life in outer space speaking to us Hams? NASA Mars Rover Curiosity treads include the Morse code letters 'JPL' in honor of NASA's Jet Propulsion Laboratory in Pasadena, California. These letters emblazoned on Curiosity's wheels, allow scientists to estimate how far the rover travels by noting the marks it leaves behind in the Martian dirt.



Our September meeting will feature '*Hombrew Night*'. It's a great opportunity for our club member to show off their latest projects. I am interested in seeing what project everyone has been working on this year.

I hope to see everyone on Thursday night, September 6th.

73's Irwin, KD3TB

(Continued on page 2)

(Continued from page 1)

August Minutes

The President Irwin /KD3TB opened the meeting at 7:30 and sign in sheet was passed around.

Introductions

The microphone was passed around. Fifty members and three guests present: Tom/ K3TF, Barbara/KB3ZAK and Brian/KB3MTU.
Gary/KB3TIF volunteered to run the 50/50.

Minutes of previous meeting

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

Committee Reports

Treasurer report - Frank, W3ESL

As reported.

Programs - Rich, AG3L

Tonight Fox Hunting - Jim Toth/K3CHJ
Sep 6 Home brew
Oct 4 ARRL night - Bob Famiglia/K3RF
Nov 1 Rick Lamb, K3TL -HRO
Dec 6 Holiday dinner

Membership - Michelle, KB3MTW for Bill, K3ZMA

Members on rolls: 142

95% of members are on new yearly cycle.

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

Public Service - George, N3HBT

Hatboro car show on Saturday July 28 went well. Thanks to all that participated.
Doylestown Hospital 5k race event on Wednesday July 25 in Peddlers Village went well.
Organizers were very appreciative of our support.
Polish Shrine Festival - Labor Day Weekend and Following weekend.
Doc/W3GAD is coordinating the Delaware Canal Run on 11/20.
Five Ponds Hole in one run in October on Columbus day. Need 8-10 operators.
Warminster Community park 5K run at end of October. More info to come.
Doc/W3GAD announced the following Packrats events: Hamorama on 9/30 at the Grange and Mid-Atlantic VHF conference on evening of 10/11 and all day on 10/12.
Registration fee for the conference is \$35 and \$35 for the banquet.

Classes - George, KA3WXV

Combined Tech/General classes will start on second Monday of September. No pre registration is needed.

VE session - Larry, WA3ELQ

Two new Technicians, one General and 1Extra joined the ranks last session. No VE session scheduled in August.

Repeater - Al, WI3Z for Brian, N3EXA

Brian described the repeater architecture. Have received new radios.

Field day - Irwin, KD3TB for Mark, AA3K

Hamfest - Rich, AG3L

The Grange location has been confirmed and will send application.

(Continued on page 3)

Good and Welfare - Vince, KD3TC

Sent a few cards. Please let Vince know of any situations.

Publicity - Bernice, KB3PCX

Working on putting ads for Ham Radio in local papers.

Club clothing - Alan, KB3VYX

Working on procuring samples of polo shirts and T-shirts.

Old Business

None.

New Business

Joe/AA3J is looking for individuals that are interested in buying an KX-3 radio. Elecraft offers a 5% discount on purchases of 5 units or more.

Battleship New Jersey trip is on 9/15. Not enough people interested in the bus. Cutoff date for signup is Labor day.

Members Comments/Questions

None.

The meeting was adjourned at 8:15.

Coffee and donuts were served followed by a presentation on Fox Hunting by Jim Toth/ K3CHJ and Bob Rex/K3DBD.

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

Submitted:

Bernie / AB3YZ, Club Secretary

August 31, 2012

FOR SALE: KENWOOD D7A (not "G" version)

FM Dual Band w/ TNC. Includes the following: Original Instruction Manual & Antenna, Nifty Quick Reference Card, Generic NIB EMS-30 Rapid Charger, TWO (2) NIB Generic PB-39 Ni-Cd 9.6V/600mAh Batteries, Kenwood-compatible ICOM MC-99 Cigarette Lighter DC Charger. This radio has served me well primarily as a base unit for radio-computer interface for APRS net control station. EXCELLENT Condition! Sold as is! PICTURES available upon request! ASKING \$250, plus S/H/I. ConUS Only! Contact Mike: W3MJP at w3mjp@arrl.net.



SOLAR UPDATE

Tad "Everything under the Sun is in tune, but the Sun is eclipsed by the Moon" Cook, K7RA, reports: Although solar activity is quite low, there was an increase in sunspot numbers and the solar flux over the past week. The average daily sunspot numbers were up nearly 20 points -- about 36 percent -- to 74.1, while the average daily solar flux increased nearly 13 points to 108.7. The latest forecast has activity over the next week a bit lower than what forecasts predicted a few weeks ago: Expected solar flux is 115 on August 30, 120 on August 31-September 2, 115 again on September 3-8, 110 on September 9-10, 105 on September 11-12, 100 on September 13-16, 95 on September 17-22, and then rising above 100 to a peak of 125 on September 26-28. The predicted planetary A index is 5, 10 and 8 on August 30-September 1, 5 on September 2-7, 8 on September 8-9, 5 on September 10-14, 12 on September 15-16, 8 on September 17-18, 5 on September 19, 8 on September 20-21, 10 on September 22, and 8 on September 23-25, followed by 5 on September 26 through the first few days in October. Look for more on the ARRL website on Friday, August 31. For more information concerning radio propagation, visit the ARRL Technical Information Service Propagation page. This week's "Tad Cookism" is brought to you by Pink Floyd's *The Dark Side of the Moon (Brain Damage/Eclipse)*.

Courtesy of the ARRL Newsletter

ARRL Teachers Institute Offers Instructors Wireless Technology Skills for the Classroom

This summer, the ARRL offered teachers the opportunity to learn about ways to incorporate wireless technology into their classroom curriculum through its Teachers Institute on Wireless Technology (**TI**). Since 2004, the ARRL has sponsored TI sessions as part of its educational outreach to schools. This professional development training is offered at no cost to the teachers, but is funded through grants and donations to the ARRL's Education & Technology Program (**ETP**).

The Teachers Institute has provided teachers from elementary school to the university level with tools and strategies to introduce basic electronics, the science of radio, space technology and satellite communications, as well as weather science, introduction to micro-controllers and basic robotics in their classrooms. The curriculum is designed for motivated teachers and other school staff who want to learn more about wireless technology and bring that knowledge to their students.

In 2012, the ARRL offered two sessions of the basic TI course (TI-1) -- held at Parallax in Rocklin, California (led by Tommy Gober, N5DUX, of Longview, Texas) and at ARRL Headquarters in Newington (led by ARRL Education and Technology Program Coordinator Mark Spencer, WA8SME, of Gales Ferry, Connecticut) -- and one session of the advanced course (**TI-2**), held in Dayton, Ohio (led by Matt Severin, N8MS, of Eau Claire, Michigan) and sponsored by the Dayton Amateur Radio Association (**DARA**). This year, 26 teachers from 17 states and a Department of Defense school in Korea participated in the TI-1 courses. At the TI-2 course, there were eight teachers from seven states. To date, almost 450 teachers have participated in the ARRL's Teachers Institute.

While the TI-1 sessions introduce basic concepts of wireless technology, including robotics, the TI-2 course focuses on the nuts and bolts of setting up and operating a satellite ground station for classroom participation; each TI-2 participant received equipment to configure a satellite communications station. TI-2 participants must have already completed the TI-1 course.

Since the California TI-1 session and the Dayton TI-2 session were held at the same time, Gober and Severin scheduled a QSO for the groups via satellites. "As was expected, the teachers *loved* the satellite contacts," Severin said. "I was a bit surprised to *not* hear a pileup for W1AW/6. We did work Matt from the other TI session -- it literally received cheers from the attendees here." Gober concurred: "While Matt was replying to me, I could hear the cheering and clapping in the background!"

The Teachers Institute is only the beginning of a participant's exploration with wireless technology. The goal of the TI program is to equip each teacher with necessary foundational knowledge, and through hands-on learning, generate the inspiration for teachers to continue to explore wireless technology and adapt relevant content into their classroom instruction. This training serves as excellent foundational preparation for teachers interested in including classroom learning about radio communications and wireless technology.

Teachers who participated in the 2012 summer TI sessions had some enthusiastic comments about their experience:

- "The Institute provided me with knowledge and materials to implement these topics into my middle school curriculum, but also gave me confidence in areas that I had felt deficient in before."
 - "The workshop was right on the mark with the curriculum that I wanted to bring into the classroom. It provided me a cost effective path to bring it into the classroom. It provided both the knowledge and a cost effective way to do so."
 - "Having an instructor who did and does the activities is priceless. "
-
-

- “I have been to numerous workshops, most sponsored by Fortune 100 companies as employee training - this one is right there with the best. Thanks for a terrific learning experience!”

Some highlights of the post-TI evaluation survey:

- 89 percent of participants at the TI-1 sessions said they eagerly anticipate including some of the knowledge obtained in their instruction next year.
- 94 percent of respondents responded that the content covered in the TI motivated them to encourage their students to learn more about wireless technology and to consider obtaining an amateur radio license, and/or encourage their students to do so.
- Confidence levels in teaching the content addressed in the TI improved dramatically for all topics.

One participant took some time to thank the donors who made the TI-2 possible: “I am very appreciative of the generous support by ARRL, DARA and Yaesu in providing travel expenses, tuition, equipment, cables and software to the students of the institute. I feel this was time and money well spent to support teachers and further the goals of STEM education in our country and in our hobby.”

“We echo that sentiment,” said Education Services Manager Debra Johnson, K1DMJ. “I also want to thank Ham Radio Outlet and the generous ARRL members who have supported these outreach efforts through donations to ARRL’s Education & Technology Fund.”

Though participants need not hold an Amateur Radio license to enroll in a TI-1 session, TI-2 participants must possess at least a Technician class license at the time of application and be an ARRL member. Priority for attending the TI-2 session will be given to those teachers who have developed an educational proposal accepted for participation in the Amateur Radio on the International Space Station (ARISS) Program.

Enrollment for the 2013 Teachers Institute sessions is expected to begin in February 2013.

Courtesy of the ARRL Newsletter

FCC Releases Congressionally Mandated Study on Amateur Radio

On August 20 -- in response to a Spring 2012 Congressional directive -- the Federal Communications Commission **released its findings** on the *Uses and Capabilities of Amateur Radio Service Communications in Emergencies and Disaster Relief: Report to Congress Pursuant to Section 6414 of the Middle Class Tax Relief and Job Creation Act of 2012*.

This report contains the FCC’s “review of the importance of emergency Amateur Radio Service communications relating to disasters, severe weather and other threats to lives and property in the United States; and recommendations for enhancements in the voluntary deployment of Amateur Radio operators in disaster and emergency communications and disaster relief efforts; and recommendations for improved integration of Amateur Radio operators in the planning and furtherance of initiatives of the federal government.” It also required “that the study identify impediments to enhanced Amateur Radio Service communications and provide recommendations regarding the removal of such impediments.”

“There are many positive things included in the FCC report to Congress,” said ARRL Regulatory Information Manager Dan Henderson, N1ND. “We are pleased that the Commission highlighted the existing Amateur Radio infrastructure to provide disaster and time-critical communications. They also recognized the flexibility of the Amateur Service in working with federal, state, local and tribal emergency service agencies to supplement existing communications. The affirmation of the value that Amateur Radio brings to the communities across the country is underscored by the suggestion that ‘DHS work with state, local, and tribal authorities so they may develop disaster area access or credentialing policies for trained amateur operators, including a means for documenting their qualifications...’”

While the FCC did hold Amateur Radio in a positive light in its discussion of emergency Amateur Radio Service communications, the FCC report was not as favorable in the portion of the study that addressed impediments to enhanced Amateur Radio Service communications. In the comments provided to the FCC as they prepared the study, the ARRL -- as well as numerous individuals -- cited the proliferation of specific land-use restrictions, such as deed restrictions and homeowners associations covenants, that prohibit the erection of even modest Amateur Radio antennas.

The ARRL cited that such restrictions now apply to tens of millions of homes and condominiums. In communities across every state, these restrictions make finding suitable living arrangements that would also allow amateurs to participate effectively in providing support communications nearly impossible to find. The FCC disagreed with that assessment stating “...our review of the record does not indicate that amateur operators are unable to find homes that are not subject to such restrictions. Therefore, at this time, we do

not see a compelling reason for the Commission to revisit its previous determinations that preemption should not be expanded to CC&Rs.”

When considering any current rules that serve as impediments to enhanced Amateur Radio Service communications, the report did agree with the ARRL’s position, stating that “Commission rules that may be an impediment to enhanced Amateur Service emergency communications can, as the ARRL notes, be considered through the Commission’s rulemaking process. Consequently, we do not believe that Congressional action is necessary to address any of these issues.”

In the report, the FCC recommended that “DHS consult with the public safety, emergency management and Amateur Radio emergency communications associations and groups to identify training opportunities that will support better utilization of Amateur Radio operators for emergency communications, and to solicit views on how Amateur Radio capabilities could be further incorporated into response plans or initiatives. We also recommend that OEC include these recommendations in the NECP.”

Henderson noted that it is significant “that the FCC recommends efforts be continued by DHS to facilitate the training and utilization of Amateur Radio across the emergency and disaster response spectrum -- from the public sector through to the various groups and organizations which provide support communications via the Amateur Service, including ARES, RACES, MARS or locally organized support groups. When served agencies and amateur groups plan and train cooperatively, it only enhances our abilities to serve our communities and the public.”

With the delivery of the FCC’s report to Congress, the ARRL will determine its next step in its efforts to find relief for amateurs who live under unduly restrictive private land-use regulations. “Our review of the FCC report shows that there is a lot to be done if amateurs living in deed-restricted properties are to receive even the limited relief they enjoy under the Commission’s PRB-1 ruling or the limited relief given to deed-restricted properties given by the FCC’s OTARD ruling,” Henderson said. “This means continuing ARRL’s efforts on Capitol Hill and continuing to seek a Congressional directive to the Commission to extend those limited preemptions to include prohibition of effective Amateur Radio antennas and support structure that are imposed by private land use restrictions. The FCC report to Congress is not the final action in this fight. It merely lays the groundwork for the next steps to be taken by the ARRL,” he concluded.

Courtesy of the ARRL Newsletter

Hams Heed the Call to Help As Isaac Makes Landfall, Downgraded to Tropical Storm

Seven years to the day that Hurricane Katrina smashed into New Orleans, Hurricane Isaac came calling. But instead of making landfall right at New Orleans like Katrina (a Category 3 storm) did on August 28, 2005, Isaac veered slightly to the west of the city. Through it all, hams at WX4NHC -- the Amateur Radio station at the National Hurricane Center (NHC) in Miami, Florida -- and those supporting the Hurricane Watch Net and the VoIP Hurricane Net, along with various nets within the ARRL's Delta Division, relayed reports to their served agencies on Isaac's progress and the damage the storm created in its wake.

"Even though Isaac has made landfall and is currently tracking slowly up Central Louisiana to Arkansas, hams in the Delta Division are not done," explained ARRL Delta Division Director David Norris, K5UZ. "We had quite a few nets running as Isaac came ashore, and some are still going on, relaying damage reports and assisting with health-and-welfare traffic. As the American Red Cross and other served agencies venture out in the field within the next few days to assess the damage created by Isaac, hams in the Delta Division are ready to assist these teams with whatever communications support is necessary. Just because Isaac itself is over, we know that storms like this can bring tornadoes, power outages and other weather events in their wake, and we are prepared to continue to provide any support that is needed."

Courtesy of the ARRL Newsletter

CLUB INFO

PUBLIC SERVICE

Doc/W3GAD is coordinating the Delaware Canal Run on 11/20.
Five Ponds Hole in one run in October on Columbus day. Need 8-10 operators.
Warminster Community park 5K run at end of October. More info to come.

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!"

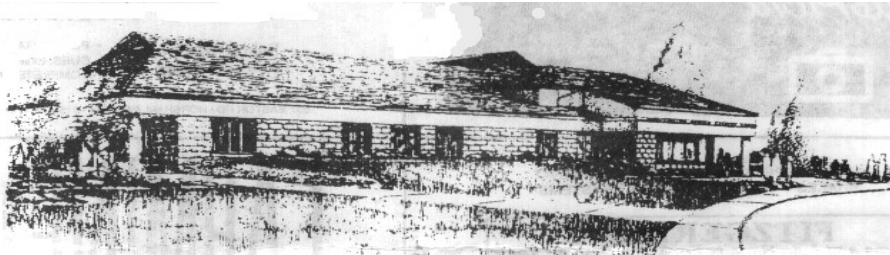
The Membership Committee has badges and Club cards for you to pick up. If you do not have a Warminster Amateur Radio Club badge or card with your picture on it, please stop by and visit your Membership Chairs, Bill Strunk, K3ZMA or Michelle London - KB3MTW at the WARC monthly meetings. Otherwise, please contact Membership at: membership@K3DN.org. Thank you.

PROGRAMS 2012

September 6 th	Home Brew
October 4 th	ARRL night
November 1 st	Rick Lamb HRO
December 6 th	Holiday Party

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

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



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

2012 Contest Calendar

September

8-10 September VHF QSO Party
15-16 10 GHz and Up Contest (round 2)

October

15-19 School Club Roundup

November

3-5 November Sweepstakes, CW
17-19 November Sweepstakes, Phone
30 - Dec 2 ARRL 160 Meter Contest

December

1-2 ARRL International EME Competition (50-1296 MHz Round 2)
8-9 ARRL 10 Meter Contest
16 Rookie Roundup - CW

QSO Parties

Arkansas 1400Z, Sep 8 to 0200Z, Sep 9
South Carolina 1400Z, Sep 15 to 0300Z, Sep 16
Texas 1400Z, Sep 29 to 0200Z, Sep 30 and
1400Z-2000Z, Sep 30

➤ ATLANTIC DIV. HAMFESTS - 2012

September 16 - Gloucester County ARC's Hamfest 4-H Fairgrounds
240 Bridgeton Pike (Route 77)

Mullica Hill, NJ 08062

<http://www.w2mmd.org>

September 30 - Hamarama,

Mount Airy VHF Radio Club (Packrats)

Middletown Grange, Penns Park Road

Wrightstown, Pa.

<http://www.packratvhf.com>

October 7 - CARAFest

2210 Fairgrounds Road

West Friendship, MD 21794

<http://www.carafest.org/>

October 12 - Joint Mid-Atlantic & Eastern VHF Conference 2012

Courtyard Marriott- Bensalem 3327 Street Road

Bensalem, PA 19020

<http://www.packratvhf.com>

October 21 - R F Hill ARC Hamfest

Sellersville Fire House

50 North Main Street

Sellersville, PA 18960

<http://www.rfhill.ampr.org>

V.E. TEST LOCATIONS

Confirm all information, in advance, with the contact person. Licensed applicants must bring the original, and one photocopy of their license. All applicants, including children, must bring two forms of positive ID. Also bring the original, and a copy, of any Certificate of Successful Completion needed to prove current status. The ARRL VEC'S 2012 test fee is **\$15.00**.

Warminster Amateur Radio Club, Monthly, Last Wed. 7:00 pm at the Warminster Recreational and Educational Center on Little Lane.

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

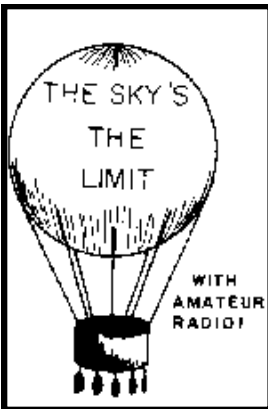
Bucks County SKYWARN Weather Spotter PRIMARY FREQUENCY: 147.300MHZ (+ 131.8)
 Fairless Hills, PA (many remote access locations throughout Bucks County)

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.

Tech/General Class: Starting Monday Sept. 10 from 7 - 9 PM.

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			
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
Youth Programs	Richard Luce	AG3L	215-441-8264
Youth Programs	Steve Larson	WW3Y	215-822-1511