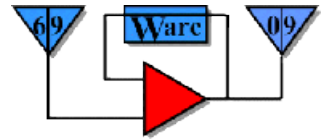




FEEDBACK



Web Site k3dn.org

Warminster Amateur Radio Club

March 2012

Next Meeting March 1st, 2012 – Amateur Radio Satellites

President's Message

As I write this, we just received our 30th reservation for the March 22nd Warminster ARC trip to ARRL HQ. **The trip is sold out!** The stress of filling those seats is now past, and I want to thank those of you who have signed up for the event. I also want to thank the Pottstown ARC for filling so many of the seats. For those not coming this time, we will be taking videos and pictures and posting links to them on the K3DN.org website. The bus has WIFI and we'll be checking in with progress via Echo-link.

HAMFEST 2012 – Time is getting closer to our club's one yearly major event – the Hamfest on Sunday May 6th which is the first Sunday in May. We really do need your help on this one day. Mark / WA3QVU has volunteered to be our Hamfest chairman again and he can be reached via email at: wa3qvu@arrl.net. Mark has a list of jobs in the morning and afternoon. So please contact Mark directly – we really do need your help.

FOR NEW MEMBERS - I was listening in on one of our nets last week to one of our members who was searching around for some testing equipment. It dawned on me that with all the new members in the club, they might not know what we have in the club's inventory, that is available to loan. So as part of this month's article, for the benefit of the new members, I wanted to list some of the as-sets and equipment we have available for your use.

These items are available to club members, and we routinely loan it out to members. Here are some of the items:

K3DN CLUB STATION – We have a Kenwood TS-570 HF station at the mezzanine level of the Ben Wilson Senior Center. The station is connected to a multi-band HF vertical antenna on the roof of the senior center. This equipment is used on field day, and other club events which require HF equipment.

Arrangements for the use of the station need to be made through our club's Trustee George / N3HBT. You can reach George on the repeater, or leave George a message on the club telephone: 267-702-4355.

K3DN REFERENCE LIBRARY – We have a nice library on the mezzanine, and you can always sign out a reference book or two. Speaking of books we have a supply of the latest QST's, and Technician Class ARRL training books which you can purchase at a discount over the cover price.

VERTEX 150 HT RADIOS – The club owns four (4) Vertex 150 HT's which can be loaned out to members on a month to month basis. These radios are also available for all club events. These radios are pre-programmed for the K3DN 2-meter repeater. The radios are ready to go with 4-AA alkaline batteries, instructions, and a 12v power cord.

As you may be aware, these radios are very similar to the popular Yaesu FT-60R radio – except the Vertex is 2-meter mode only. Both radios program in a similar manner. See Irwin / KD3TB to sign out one of these items – especially if you are a new member without VHF equipment, or your VHF equipment is down for repairs.



**WARMINSTER AMATEUR RADIO CLUB
HAMFEST 2012**

Sunday, May 6, 2012 (rain or shine)
Open at 7 a.m. (vendors at 6 a.m.)

Talk-in 147.09+ (131.8) / 443.95+ (131.8)

Location:
Middletown Grange Fair Grounds
576 Pennes Park Road
Wrightstown, Bucks City, PA

GPS Coordinates:
N 40° 15' 11" W 74° 59' 16"

We'll be giving away two (2) Wouaun
K3-DV-D3 dual band HT's with accessories
as door prizes from HRO

For more info:
Web: www.k3dn.org/hamfest.htm
Hamfest Contact: Steve Leebman 215-784-1360 • email: hamfest12@k3dn.org
Vendor Contact: Dan Myers 215-957-2343 • email: vendor12@k3dn.org

- New & Used Ham Radio & PC Equipment
- High Indoor Antennas – electricity available at all tables
- Handicap Parking Available
- State sponsored Sponsor: uniformed groups & children under 13 free!
- Unlimited sampling of \$100-worth space (no cash parking) – not including admission
- Approx. 70 indoor spaces available at 15:00h – not including admission
- Equipment check-out table
- IC Testing at 10:00 am. "No cash welcome"
- ARRL Field Checking



MFJ ANTENNA ANALYZER – The club owns a MFJ Antenna Analyzer specifically for use by our members. The equipment is available to any club member to set up their antennas. The equipment covers 1.8 to 170 MHz and 415 to 470 MHz. It has a large easy-to-read two line LCD display and side-by-side meters clearly display your information Built-in Ni-Cad/Ni-MH charger circuit, battery saver, low battery warning, smooth reduction drive tuning. Use as signal source for testing/alignment. Built-in Coax Calculator which calculates coax line length in feet given coax length in electrical degrees and vice versa



(Continued on page 2)

(Continued from page 1)

for any frequency and any velocity factor.

Arrangements for the use of the equipment need to be made through our club's vice president Irwin / KD3TB. He handles the paperwork for loaning out the equipment. Irwin can be reached on the club voicemail telephone: 267-702-4355.

ANDERSON POWER POLES AND CRIMPER – We have our own Anderson Powerpole crimper. In addition we have a small supply of Powerpoles, We ask that you replace any parts that you use, so that the next member to use the crimper has all of the parts.



The Powerpole system is the standardized wiring connections for our 12v systems, it allows all member's equipment to be interchangeable with other equipment at field day, emergency communications events, and its just so convenient to use. Arrangements for the use of the equipment need to be made through our club's vice president Irwin / KD3TB. He handles the paperwork for loaning out the equipment. Irwin can be reached on the club voicemail telephone: 267-702-4355.

DIPOLE ANTENNAS - Our club has a few HF dipole antennas which were used on field days past. You are welcome to use them as needed. For instance if your antenna is down and you need a temporary antenna until you can get a permanent antenna up and working. Arrangements for the antenna should be made through our club's Vice President Irwin / KD3TB. You can reach him on the repeater, or leave Irwin a message on the club telephone: 267-702-4355.

ELMERING AND COACHING – We have over 120 amateur radio operators who can assist you with your problem. Some of our members are proficient in antennas, some are proficient with computers. That's part of the benefits of belonging to the Warminster ARC. Let us know what your issues are, and we can point you to the right person.

VE TESTING SESSIONS – Our club offers ARRL VEC testing sessions each month – except August. The sessions are held at the WREC in Warminster. In addition, we offer a session at the club's Hamfest each May. Arrangements for the should be made through our club's Trustee George / N3HBT. You can reach George on the repeater, or leave George a message on the club telephone: 267-702-4355.

MEMBERSHIP – Many thanks to Bill / K3ZMA and Michelle / KB3MTW for their long hours in getting everyone on a single month renewal, rather than some each month. It was so easy to forget when your membership was due for renewal. Now it's all in January. And to our members, thanks for your continued support and membership in WARC, and finally I just wanted to re-state, again, to please contact Mark / WA3QVU to volunteer at the for May 6th.

All the best to you and your family, 73's,

Rich Luce / AG3L

President

Warminster ARC

Warminster, Bucks County, PA

Meeting Minutes February 2, 2012

The President Rich / AG3L opened the meeting at 7:35.

The sign-in sheet was passed around.

Opening comments:

Trip to ARRL HQ planned for March 22. Approximately 15 individuals have signed up. Need to have 30 to fill the bus. Interested members can sign up using PayPal on our web site. Cost for the trip is \$45. Members of the Pottstown Radio Amateur Club have expressed interest in the trip.

The Hamfest is less than 5 months away. Please contact Mark /WA3QVU to volunteer.

The idea of allowing a reserve amount for auction items was suggested. The reserve amount would be shared with the donor of the item. Feedback on the proposal is welcomed.

Gary / KB3TIF volunteered to conduct the 50-50 raffle.

Introductions

Sixty three members present. One guest.

(Continued on page 3)

Minutes of previous meeting

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

Committee Reports**Treasurer report - Frank, WD0ESL**

As reported.

Programs - Irwin, KD3TB

March Home brew night.

Irwin is looking for a speaker on the subject of Satellite Amateur Radio.

Public Service - George, N3HBT

Nothing to report until April.

Classes - George, KA3WXV

Weekly classes for the General license exam will start on the second Monday in March and will run for eight consecutive weeks. The classes meet from 7:00 to 9:00 PM at the Ben Wilson Center in Warminster. There is no cost for the classes. License manuals are available for \$20. A Technician license class will be run in parallel if there is interest.

Repeater - Brian, N4EXA

No problems reported.

Membership - Bill, K3ZMA

Members on rolls: 146

Paid up to January: 118

Paid up for 2012 (New annual dues schedule): 85

Transition to yearly dues payment is going smoothly. Thanks to Bill and Michelle for a job well done!

Hamfest - Mark, WA3QVU

Preparation activities are moving along well. Volunteers needed.

Cards will go out to vendors in February. General mailing will follow in March.

Other announcements

None.

Old Business

None.

April ARRL night

May Ham fest setup

June Pizza night. Elections.

July - December TBD. SUGGESTIONS WELCOMED!

New Business

None.

Members Comments/Questions

None.

The refreshments and the annual club auction followed after the meeting was adjourned.

These minutes were transcribed from a recording of the meeting because the secretary was absent due to a family emergency.

Submitted:

Bernie / AB3YZ, Club Secretary

SOLAR UPDATE

Tad "Behind the clouds the Sun is shining <<http://www.youtube.com/watch?v=7b6fBnPmhmc>>" Cook, K7RA, reports: We don't know if this is a significant trend, but solar activity has really leveled off recently. Not everyone is unhappy about this: During the recent long minimum, 160 and 80 meter operators were very excited about conditions, and that enthusiasm seems to have increased of late. The average indicators this week were almost exactly the same as last. The average daily sunspot number rose from 55.6 to 55.7, while the average daily solar flux declined 2.6 points to 105. In an unusual coincidence, the average planetary A index and mid-latitude numbers were the same this week as last, 8 and 6.7 The latest prediction shows solar flux at 105 on February 23-24, 100 on February 25, 95 on February 26-29, 100 on March 1-4, 105 on March 5-11, 110 on March 12-13, and rising to 115 on March 14-19. The prediction also sees planetary A index at 8 on February 23, 5 on February 24-28, 7 on February 29, 5 on March 1, 8 on March 2-3, and 5 on March 4-6. Look for more information on the ARRL website on Friday, February 24. For more information concerning radio propagation, visit the ARRL Technical Information Service Propagation page <<http://www.arrl.org/propagation-of-rf-signals>>. This week's "Tad Cookism" is brought to you by Disney's Cars <http://en.wikipedia.org/wiki/Disney_Cars>.

Courtesy ARRL Newsletter

NASA Selects AMSAT Fox Satellite to Join Program

Project ELaNa, NASA's "Educational Launch of NanoSat" managed by the Launch Services Program at the Kennedy Space Center, announced on February 10 that the AMSAT **Fox-1** CubeSat has been selected to join the program.

NASA will work with AMSAT in a collaborative agreement where NASA will cover the integration and launch costs of satellites deemed to have merit in support of their strategic and educational goals.

AMSAT teamed with the ARRL to write and deliver the 159 page educational proposal to NASA. Letters documenting the importance of AMSAT's satellites in the education programs at the ARRL and also at the Clay Center for Science and Technology at the Dexter and Southfield schools in Brookline, MA, were important parts of the proposal.

AMSAT President Barry Baines, WD4ASW said, "The ELaNA Launch opportunity marks AMSAT's return to space after the conclusion of the successful ARISSat-1/KEDR flight. We need to get the flight Fox-1, along with an operational flight backup satellite, built, integrated, tested, and delivered. Our ability to provide a spacecraft and get it launched is dependent upon the active support of our donors who wish to see Fox-1 fly."

AMSAT Vice-President of Engineering, Tony Monteiro, AA2TX noted this will provide a launch opportunity for AMSAT's next generation of FM repeater satellites with features and operation beyond the experience of AO-51. AMSAT's Fox-1 Engineering Team is making progress developing the advanced satellite that will provide these features:

+ Fox-1 is designed to operate in sunlight without batteries once the battery system fails. This applies lessons learned from AO-51 and ARISSat-1 operations.

+ In case of IHU failure Fox-1 will continue to operate its FM repeater in a basic, 'zombie sat' mode, so that the repeater remains on-the-air.

+ Fox-1 is designed as the immediate replacement for AO-51. Its UHF/VHF transponder will make it even easier to work with modest equipment.

+ From the ground user's perspective, the same FM amateur radio equipment used for AO-51 may be used for Fox-1.

+ Extending the design, Fox-2 will benefit from the development work of Fox-1 by adding more sophisticated power management and Software Defined Transponder (SDX) communications systems.

Courtesy ARRL Newsletter

New Satellites Reach Orbit

At 1000 UTC February 13, a European Space Agency *Vega* rocket lifted off from Kourou, French Guiana on its inaugural flight. It carried the **Laser Relativity Spacecraft** (LARES) to orbit along with eight student-built MicroSats and CubeSats. The student satellites will transmit telemetry in the VHF, UHF and microwave amateur bands, with one satellite also including a voice repeater. The lineup includes:

ALMASat-1 from the University of Bologna, Italy, transmitting 1200-baud packet data at 437.465 and 2407.850 MHz.

Xatcobeo, a collaboration between the University of Vigo and INTA, Spain, transmitting telemetry at 437.365 and 145.940 MHz.

Robusta, from the University of Montpellier, France transmitting 1200-baud packet telemetry at 437.325 MHz with one 20-second data burst every 3 minutes.

E-St@r, a project of Politecnico di Torino, Italy, sending 1200-baud packet telemetry at 437.445 MHz.

Goliat, from the University of Bucharest, Romania, transmitting 1200-baud packet data at 437.485 MHz.

PW-Sat from the Warsaw University of Technology, Poland, which includes a voice repeater mode in addition to its telemetry functions. The voice repeater will listen for transmissions at 435.020 MHz FM and retransmit at 145.900 MHz SSB. PW-Sat telemetry will be sent as 1200-baud packet and CW at 435.020 MHz.

MaSat-1 from the Budapest University of Technology and Economics, sending 625/1250 bps GFSK data at 437.345 MHz. Ground station software is available [here](#).

(Continued from page 4)

UniCubeSat GG from the University of Rome, which will transmit 9600-baud data at 437.305 MHz.

Courtesy ARRL Newsletter

WRC-12: NOBEL LAUREATE JOE TAYLOR, K1JT, ADDRESSES PLENARY SESSION AT WRC-12, RECEIVES ITU GOLD MEDAL

On February 3, delegates and attendees at the 2012 World Radiocommunication Conference had the pleasure of listening Joe Taylor, K1JT, share his vision of the future of radiocommunication. Taylor -- an ARRL Member -- won the Nobel Prize in physics in 1993 <http://www.nobelprize.org/nobel_prizes/physics/laureates/1993/> for the discovery of a binary pulsar, a discovery which has opened up new possibilities for the study of gravitation. After the speech, International Telecommunication Union Secretary General Dr Hamadoun Tour, HB9EHT, presented Taylor with the ITU Gold Medal in recognition of Taylor's outstanding contribution to the research in the field of radiocommunication.

Dr Tour introduced Taylor to the Plenary. In his introduction, he told the audience that Amateur Radio led to Taylor's career as a radio astronomer, and ultimately to his winning the Nobel Prize: "I'm told that an early interest in Amateur Radio led Joe Taylor to an exciting career in radio astronomy, which then earned him the 1993 Nobel Prize in physics. I share his interest in Amateur Radio with passion, but will that lead me to a Nobel Prize? I'm working on it!"

Taylor began his speech by thanking the WRC-12 delegates for the job they were doing at the Conference. "I understand that you have come to Geneva from more than 150 of the ITU's Member States," he said. "You are here to do an important job, an essential one, for nearly all of humanity in today's world. You are charged to do your utmost to accommodate the wide variety of competing interests of all users of the radio frequency spectrum and its available orbits for Earth satellites. This is surely not an easy task. Most people give very little thought to the complicated issues that you face. Why should they, since for most of us, most of the time, the technologies that depend on these limited resources just seem to work. But I know, and each one of you knows, that much background work and many long negotiations are often necessary in order to make everything fit together and work in harmony."

Taylor noted new discoveries "that have fundamentally changed or expanded our understanding of nature's laws, or might do so in the near future." But, he said, these discoveries will not affect the ITU or future WRCs for "at least not for many decades to come. This is because our fundamental understanding of electromagnetism is already in a mature state. Maxwell's equations <http://en.wikipedia.org/wiki/Maxwell%27s_equations>, after all, have been thoroughly tested now for 150 years. And in principle, they tell us everything we need to know in order to exploit the wonders of telecommunications at the speed of light. Our understanding of these laws of nature, including what they tell us is possible and not possible, is not likely to change, even in the more distant future. But of course we can still develop new and improved ways of generating, controlling and detecting electromagnetic radiation, as well as clever new ways of effectively sharing the spectral resources that we have. Such advances as these will surely continue, and perhaps they will even increase. The fundamental science may be mature, but technology's ability to exploit and build upon electromagnetic phenomena is still rapidly developing.

"It's interesting to comment in passing on the fundamental differences between the bounded radio frequency spectrum and the balance, for example, on accessible fossil fuels. Limitations of the radio spectrum are a result of fundamental laws of nature. Every nation on Earth, and indeed every person on Earth, has access, in principle, to the same spectrum as everyone else. The amount of accessible oil, on the other hand, depends on the much more complicated way on how the Earth formed and evolved over time, and fossil fuels are not evenly distributed over the Earth and they are expendable. When it's gone, there's none left. The electromagnetic spectrum, on the other hand, will always be there, whether or not we humans are around here to enjoy using it. Moreover, the spectrum can be shared by many users simultaneously, and shared use can be especially effective if adequate planning is done in advance. That planning, of course, is an essential part of your assignments here.

"Future technologies will surely make even better uses of wireless communication than we do today. I foresee plenty of scope for contributions for new technologies. Information and communication technologies have much to offer for the betterment of the human condition everywhere, and perhaps especially so in the developing world. It is extremely important to continue seeking the best efficiencies in the use of the spectrum. I wish you every success in your task of creating wise and fair guidelines for regulators and policy makers who must allocate the limited resources in the very best interest of all mankind."

You can view Taylor's speech on YouTube <<http://www.youtube.com/watch?v=F028RkKLeFl>>, courtesy of Andy Clegg, W4JE.

Courtesy ARRL Newsletter

(Continued on page 6)

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!"

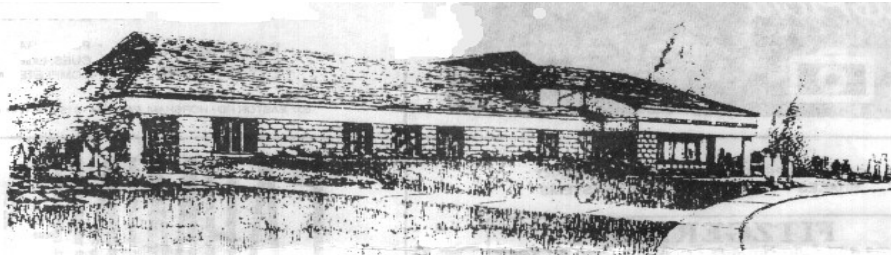
The Membership Committee has badges and Club cards for you to pick up. If you do not have a Warminster Amateur Radio Club badge or card with your picture on it, please stop by and visit your Membership Chairs, Bill Strunk, K3ZMA or Michelle London - KB3MTW at the WARC monthly meetings. Otherwise, please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

PROGRAMS 2012

March 1st	Amateur Radio Satellites (Al Tribble – W3STW)
April 5th	Tentative – Wings of Freedom Museum Presentation
May 3rd	Hamfest Set up
June 7th	WARC Elections, Pizza Night and Field Day Set up
July 5th	Tentative – Emergency Management
August 2nd	Tentative – Fox Hunting
September 6th	Home Brew
October 4th	ARRL night
November 1st	Tentative – Rick Lamb HRO
December 6th	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

March

3-4 International DX Contest – Phone

April

15 Rookie Roundup - SSB

June

9-10 June VHF QSO Party

16 Kids Day

23-24 Field Day

July

14-15 IARU HF World Championships

State QSO Parties

Idaho 1900Z, Mar 10 to 1900Z, Mar 11

Wisconsin 1800Z, Mar 11 to 0100Z, Mar 12

Oklahoma 1300Z, Mar 17 to 0100Z, Mar 18 and 1300Z-1900Z, Mar 18

Virginia 1400Z, Mar 17 to 0200Z, Mar 18 and 1200Z-2400Z, Mar 18

North Dakota 1800Z, Mar 17 to 1800Z, Mar 18

Missouri 1800Z, Mar 31 to 0500Z, Apr 1 and 1800Z-2359Z, Apr 1

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, 1st Saturday - George LeNoir, WR3B, 215-943-4886.

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 jmcloskey@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 - 2012

March 31 - Greater Baltimore Hamboree & Computerfest

Baltimore Amateur Radio Club Maryland State Fairgrounds 2254 York Road Timonium, MD

<http://www.gbhc.org>

April 14 - York Hamfest

Porters Community Fire Company 1199 Porters Road Spring Grove, PA 17362

<http://www.yorkhamfest.org>

April 21 - Delaware State Convention (Delmarva Amateur Radio & Electronics Expo)

Sussex Amateur Radio Association & Sussex Technical High School

Sussex Technical High School 17099 County Seat Highway (Route 9)

Georgetown, DE 19947

<http://www.radioelectronicsexpo.com>

April 29 - JSARS Hamfest by the Shore

Jersey Shore Amateur Radio Society Riverwood Park Riverwood Drive

Toms River, NJ 08753

<http://jsars.org>

May 6 - Warminster Hamfest

Warminster Amateur Radio Club

Middletown Grange Fairgrounds 576 Penns Park Road Newtown, PA 18940

<http://www.k3dn.org/hamfest.htm>

July 8 - Mid-Atlantic ARC's Valley Forge Hamfest

Kimberton Fire Company Fairgrounds Firehouse Lane Kimberton, PA 19442

<http://www.marc-radio.org>

September 30 - Hamarama,

Mount Airy VHF Radio Club (Packrats)

Middletown Grange, Penns Park Road, Wrightstown, Pa.

<http://www.packratvhf.com>

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

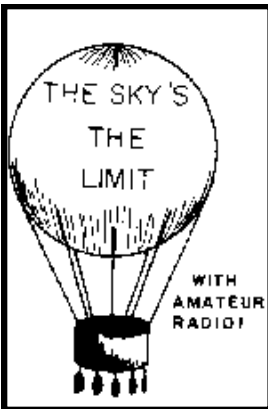
Bucks County SKYWARN Weather Spotter PRIMARY FREQUENCY: 147.300MHZ (+ 131.8)
 Fairless Hills, PA (many remote access locations throughout Bucks County)

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.

**Entry level Ham radio classes in March
 General license radio classes in March**

The Warminster Amateur Radio Club will be offering free ham radio licensing classes starting on Monday, March 12 th, 2012 at the Benjamin Wilson Senior Center. The classes will start at 7:00 pm and last until 9:00 pm and run for 8 weeks. The Classes are free, but the students will be responsible for any

study guides. 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.

Area Repeaters

VHF

- 145.310 R.F. Hill
- 145.350 Doylestown R.C.
- 145.250 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

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	Richard Luce	AG3L	215-441-8264
Vice-President	Irwin Darack	KD3TB	215-343-8170
Secretary	Bernie Paratore	AB3YZ	215-348-2010
Treasurer	Frank Clayton	WD0ESL	215-855-1029
Director (E)	Michelle London	KB3MTW	215-672-7578
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