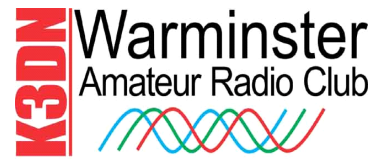




FEEDBACK



Web Site k3dn.org

Warminster Amateur Radio Club

February 2016

Next Meeting February 4th - Club Auction

President's Message

Well, that was a lot of snow... I hope this month's Feedback finds everyone safe and secure after the Blizzard of 2016, and that no one suffered any aerial casualties from the storm!

February is upon us, and since we are mostly housebound during these colder months, it's good to know that amateur radio is there to help occupy our time. If you get the opportunity, there are several contests taking place, and of course you could check in to any one of the nets that are regularly scheduled, including WARC's own Wednesday night net (8:00pm local, 147.090MHz, PL 131.8). They are always glad to have you aboard!

As mentioned in last month's Message, this year is already slated to be an active one for our club. We're making headway on the details for the kit building session, as well as the trip to ARRL HQ, and have secured our spot at the Shrine of our Lady of Czestochowa for Field Day. Of course, all of this takes the hard work and dedication of our club members, and we're glad for their efforts. If you'd like to get more involved in the club, now is a great chance for you to jump in, as elections are coming up soon and we will need several vacancies filled. Please consider accepting a nomination to sit on our Board, or chair a committee, and help steer WARC toward a bright and active future!

This month, the General Meeting is on February 4, and it's the Club Auction. Clean out the shack, and bring some spare change, there's always a deal to be had! See you there...

de Tony, W3FLH
73

TOWER FOR SALE

Height is 60 foot crank up tilt over free standing aluminum tower with thrust bearing and ac hoist motor and base template. \$400.00. Must pick up in Warminster PA. Tower is 35 years old and will need some repair. For more information, contact George Brechmann N3HBT at 215-443-5656 or n3hbt@arrl.net.

K7RA SOLAR UPDATE

Tad Cook, K7RA, Seattle, reports: Solar activity increased January 21-27 compared to the previous 7 days. Average daily sunspot numbers increased from 46 to 57.3; average daily solar flux went from 100.7 to 106. Geomagnetic indices were also higher, with planetary A index going from 9 to 11.6.

Predicted solar flux for the short term is 115, 112, and 115 on January 28-30; 112 on January 31-February 1; 118 on February 2-3; 112 on February 4; 100 on February 5-6; 105 on February 7-11; 110 on February 12-13; 105 on February 14-15, and 100 on February 16-20.

Predicted planetary A index is 12, 10, 8, and 5 on January 28-31; 8, 15, 12, and 8 on February 1-4; 5 on February 5-6; 12 on February 7-8; 10 on February 9; 8 on February 10; 5 on February 11-16, and 10, 15, 10, 12, and 15 on February 17-21.

Sunspot numbers for January 21 through 27 were 56, 50, 54, 47, 58, 61, and 75, with a mean of 46. The 10.7 centimeter flux was 104, 100.5, 98.9, 103.8, 107.6, 114.8, and 112.7, with a mean of 100.7. Estimated planetary A indices were 32, 14, 12, 11, 3, 4, and 5, with a mean of 9.

Estimated mid-latitude A indices were 15, 10, 10, 9, 3, 3, and 3, with a mean of 7.6.

Courtesy ARRL Newsletter

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SEVERE WEATHER CURTAILS VP8STI SOUTH SANDWICH OPERATION; TEAM HEADS TO SOUTH GEORGIA

It's been a tense time for the Intrepid-DX Group's VP8 DXpedition <<http://www.intrepid-dx.com/vp8/>> team on South Sandwich, which had been operating as VP8STI. A fierce South Atlantic storm bearing 70 MPH winds and dropping 2 to 3 feet of snow slammed the VP8STI encampment, threatening to shut down the operation.

"Since early this morning, we have been experiencing blizzard-like conditions with strong winds and heavy snowfall," DXpedition Co-Leader Paul Ewing, N6PSE, said on January 24. "Some of our antennas have become damaged by the high winds, and the snowfall is making access to them very difficult. It is also increasingly difficult to refuel our generators." The group managed to recover, repair its antennas, and return to the air, however, and the VP8STI operators soldiered on despite the adverse conditions.

Not long afterward, though, a storm-related emergency forced the VP8STI team to abandon its equipment and belongings and return to their transport vessel, the R/V Braveheart. Chief Pilot Toni Gonzalez, EA5RM, said the Braveheart's skipper, Nigel Jolly, declared an emergency on January 25 at 2120 UTC, ordering the VP8STI team to cease all operations and come back to the ship. According to Gonzalez, a large ice floe that broke away due to the storm threatened to block the entrance to the bay where the team had camped, raising the possibility that the ship might not have been able to retrieve the operators.

While the emergency effectively ended the VP8STI phase of the two-pronged DXpedition, the team was able to return to camp on January 26 to retrieve its gear and equipment. Gonzalez said on January 27 that the team expects to be on as VP8SGI from South Georgia by the afternoon of January 29 and will attempt to operate from there for 8 days.

VP8STI generated hectic pileups, logging <<https://secure.clublog.org/charts/?c=VP8STI>> more than 51,600 contacts, with more remaining to be uploaded once the team reaches South Georgia. -- Thanks to The Daily DX <<http://www.dailydx.com/>>

Courtesy ARRL Newsletter

HAMS TURN OUT TO HELP AS MASSIVE SNOWFALL STUNS SEVERAL STATES

Amateur Radio Emergency Service (ARES <<http://www.arrl.org/ares>>) and SKYWARN <http://www.skywarn.org> volunteers were at the ready as a storm of historic proportions over the January 23-24 weekend dropped up to 3 1/2 feet of snow, some of it on states not used to seeing much snow at all. Utility line icing caused power outages in some states, and flooding occurred along coastal areas. While the storm bypassed Northern New England, it brought major East Coast cities to their knees, and some 30 deaths were blamed on the severe weather. Federal offices in Washington, DC, including FCC Headquarters, were closed for 2 days.

New York City Area

ARRL NYC/Long Island Section Manager Jim Mezey, W2KFB, reported approximately 2 feet of snow with some local flooding in his Section. ARES members were active in ARES and SKYWARN nets on local repeaters, and 40 meters was used to transmit weather information using digital modes.

Eastern New York Section Emergency Coordinator David Galletly, KM2O, said parts of his section received little to no snow; other areas closer to New York City were clobbered. "The snow/no snow line was extremely sharp," he told ARRL. Reports with snow total data attributed to "Amateur Radio" were filed from several Eastern New York counties in National Weather Service (NWS) statements, including observations from Bergen and Passaic counties in New Jersey, from Westchester, Suffolk, and Orange counties and Bronx borough in New York, and New Haven and Fairfield counties in Connecticut.

The Southeast

The Appalachian Region may have been the hardest hit, with more than 40 inches of snow reported in parts of West Virginia, where a state of emergency was declared. Kanawha County ARES activated nets on 75, 40, and 2 meters.

"We were lucky," said ARRL West Virginia SM Phillip Groves, N8SFO. "Lots of snow -- 24 inches in Beckley, a few power outages around the state. We had several ARES/RACES nets on standby, and a lot of hams with nothing to do but talk on the radio." A state of emergency also was declared in Kentucky, not typically known for snow emergencies, after several counties received a foot or more of snow, stranding thousands of motorists along a stretch of Interstate 75. Kentucky Public Information Officer Greg Lamb, W0QI, said the Kentucky Emergency HF Net activated on 75 meters, with stations checking in from throughout the Commonwealth. Hazard and Harlan County-area repeaters activated a SKYWARN net that remained active until after the storm had passed. Amateur Radio volunteers provided 67 storm-related reports to the NWS Jackson office. Some area repeaters were down as a result of the storm.

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Shelby County ARES was contacted by served agencies and put on standby to assist with possible shelter duty. In Madison, Rockcastle, and Laurel counties, the Red Cross asked for assistance after the Interstate 75 closing.

In Virginia, NWS Wakefield SKYWARN Amateur Radio Coordinator Steve Crow, KG4PEQ, said the Wakefield SKYWARN Amateur Radio Team was active from Friday morning through Saturday evening, with brief wrap-up nets to take total snowfall reports on Sunday.

"While the SKYWARN Radio Desk at NWS Wakefield (WX4AKQ) was not activated, we ran local nets in four of our regions impacted by the storm," Crow told ARRL. "Participation exceeded expectations, with 13 SKYWARN net controls taking 274 reports from 109 different spotters." In Stafford County, about a dozen ham radio volunteers deployed to support communication for the county emergency manager, but no emergency developed there.

In North Carolina, the storm brought snow and downed utility lines, leaving some 200,000 without power at the peak, but causing no communication outages, ARES SEC Tom Brown, N4TAB, reported. "A few shelters were opened, but were subsequently closed due to minimal need," he said.

Middle Atlantic

Delaware, which typically experiences fairly mild winters, was not spared this time. "While some areas of Delaware received up to 17 inches of snow, public service, wireless, and telephone services were operational throughout," ARRL Delaware SM Bill Duveneck, KB3KYH, said. "This made for a very routine and uneventful ARES activation...just the kind we always hope for."

Amateur Radio volunteers in The First State began preparing for the storm the day before it started, firing up a "Ready Net" in Sussex County, providing weather forecasts and potential served-agency assignments. The next morning, ARES initiated spot reporting to the county emergency operations center (EOC), staffed by Sussex County RACES. The ARES Storm Net opened at noon, and stayed up into the evening. Duveneck said 34 volunteers participated in the net, reporting weather, downed wires, and traffic accidents. Other ARES volunteers staffed a shelter at a Georgetown high school, and ARES remained on standby to assist South Delaware hospitals and the Delaware State Police.

SKYWARN nets were reported active in New Jersey's southern Ocean County.

Southern New England

In Connecticut, Section Emergency Coordinator Wayne Gronlund, N1CLV, summed it up this way: "Our first significant winter storm has passed with surprisingly few power disruptions!"

In Massachusetts, the NWS Taunton office's SKYWARN station WX1BOX activated for 16 hours over the weekend to gather reports on the blizzard's effects over its coverage area. The storm largely affected the area south of Boston toward southeastern Massachusetts -- especially Cape Cod and the Islands, south-central Rhode Island, and south-central Connecticut. WX1BOX handled several hundred snowfall reports, as well as reports of damage due to high winds and the heavy, wet snow, and of coastal flooding.

"Compared to last year, this storm did not impact our Section as badly as it could have, but there were still reports of significant snowfall, as well as some coastal flooding and pockets of tree and wire damage and power outages," said Eastern Massachusetts ARES Assistant Section Emergency Coordinator Rob Macedo, KD1CY. "SKYWARN Net reports were invaluable." SKYWARN nets also were active in southeastern Connecticut.

Nantucket ARES was on standby to support shelter operations on the island, as power outages mounted, but power was restored quickly enough to avert the need for opening a shelter. Read more <<http://www.arrl.org/news/hams-turn-out-to-help-as-massive-snowfall-stuns-several-states>>.

Courtesy ARRL Newsletter

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NASA CONTROL TERMINATES SPACEWALK BY TWO-HAM ASTRONAUT TEAM

NASA prematurely terminated a January 15 extra-vehicular excursion (EVA) - or spacewalk - that Astronauts Tim Peake, KG5BVI, and Tim Kopra, KE5UDN, had been undertaking since early that morning. The two were replacing a voltage regulator near the solar arrays that had failed in November outside the International Space Station (ISS) when Kopra reported what NASA Control called "a small amount of water" inside his space helmet. NASA cut the spacewalk short at about 1700 UTC.

The incident recalled the 2013 problem suffered by Astronaut Luca Parmitano, KF5KDP, when his helmet inexplicably began filling with water. The situation became urgent by the time Parmitano and fellow spacewalker Chris Cassidy, KF5KDR, were ordered back into the ISS. NASA subsequently blamed the water buildup on unexplained cooling system issues.

The January 15 spacewalk was the first for Peake, and the third for Kopra. Peake, the first UK astronaut, and Kopra arrived at the ISS in December.

All Amateur Radio equipment on the ISS is routinely shut down during EVAs, effectively postponing planned commemorative slow-scan TV transmissions.

Courtesy ARRL Newsletter

ARRL AGAIN COMPLAINS TO FCC ABOUT ILLEGAL MARKETING OF ELECTRONIC LIGHTING BALLASTS

The ARRL has again complained to the FCC to allege illegal marketing of electronic RF lighting ballasts, operating under Part 18 of the Commission's rules, on the part of two major retailers. Letters went out in late December to the FCC Enforcement Bureau and its Office of Engineering and Technology, claiming Part 18 marketing regulations violations by Lowe's and by Walmart stores. At issue is the sale of non-consumer RF lighting ballasts to consumers who, in several instances, were told by store personnel that it was okay to install these in a residential setting. In addition, non-consumer and residential-class ballasts are being intermixed in store displays with inadequate signage to direct consumers to the correct choice. Both letters asked the FCC to investigate and commence enforcement proceedings with respect to the two stores' marketing and retail sale of RF lighting devices in the US.

"ARRL purports to show that the [retailer] is...marketing and selling to consumers (by retail sale) non-consumer Part 18 RF lighting devices which are not intended for residential deployment, to consumers who have specifically noted their intention to deploy the devices in residential applications," ARRL Chief Counsel Chris Imlay, W3KD, said in similar complaint letters to the Commission. Part 18 emissions limits for consumer devices are far lower than those allowed for non-consumer devices.

"ARRL has received numerous complaints from Amateur Radio operators of significant noise in the medium (MF) and high frequency (HF) bands between 1.8 MHz and 30 MHz from 'grow lights' and other Part 15 and part 18 RF lighting devices," Imlay continued. "These devices are easily capable of emitting RF noise sufficient to preclude Amateur Radio MF and HF communications (and, as well, AM broadcast station reception) throughout entire communities."

Supporting both complaints were extensive and detailed reports by ARRL Laboratory EMC Specialist Mike Gruber, W1MG. The reports recount incidents of actual purchases of Part 18 RF lighting devices intended for commercial use to consumers who made clear to store personnel that they intended to use the devices at home. Gruber's reports include multiple photographs depicting in-store displays of the products in question and showing signage that does not adequately explain which devices may be sold to whom. The ARRL has asked that stores remove all non-consumer devices from retail sale and marketing and to track and recall non-consumer devices already sold to consumers. Read more <<http://www.arrl.org/news/arrl-again-complains-to-fcc-about-illegal-marketing-of-electronic-lighting-ballasts>>.

Courtesy ARRL Newsletter

"OFFICIAL" P5/3Z9DX NORTH KOREA ACTIVATION NOW SET FOR THIS SUMMER

Following an unexpected "demonstration" operation from North Korea -- officially the Democratic People's Republic of Korea (DPRK) -- just before Christmas, Polish DXer Dom Grzyb, 3Z9DX, now expects to be back in the DPRK -- the most-wanted DXCC entity -- for his "official" activation by late this summer, according to The Daily DX <<http://www.dailydx.com>>. He initially had anticipated returning this month or next.

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P5/3Z9DX showed up on the air from the most-wanted DXCC entity on December 20 and 21 to demonstrate Amateur Radio for North Korean officials. Over the course of that activation -- the first in more than a decade -- P5/3Z9DX made nearly 785 SSB contacts, most of them on 15 meters. Nearly 600 of the contacts were with stations in Asia; P5/3Z9DX worked just 26 stations in North America. He has posted <<https://secure.clublog.org/charts/?c=P5/3Z9DX>> his log on ClubLog.

Grzyb recently contacted The Daily DX Editor Bernie McClenny, W3UR, to update his situation. During his visit, authorities were friendly and polite, McClenny reported, noting that he was also surprised that they allowed him to operate in December. P5/3Z9DX was severely hampered by extremely high noise levels on all HF bands, not to mention a geomagnetic storm. Noise, he said in a video <<http://k38dom0.wix.com/3z9dx#!video/o9ero>> posted on his website, made it "almost impossible" to copy weaker signals in Pyongyang.

When he goes back to the DPRK this summer, he will be operating from a far quieter location in a rural area, Grzyb told The Daily DX. While operating from North Korea in December, P5/3Z9DX was running 100 W to a vertical antenna mounted on a metal fence post some 7 feet above the ground among government high-rise buildings. His equipment was left behind in Pyongyang, as was agreed to before his December visit. The P5/3Z9DX preview was the first activation from North Korea since the 2001-2002 operation by Ed Giorgadze, 4L4FN. -- Thanks to OPDX, The Daily DX <http://www.dailydx.com>

Courtesy ARRL Newsletter

DISHTRONIX PURCHASES TEN-TEC ASSETS

Dishtronix <<http://www.dishtronix.com/>>, an electronics design and manufacturing company, has purchased the assets of Amateur Radio equipment manufacturer TEN-TEC from RKR Designs. Headquartered in Bellefontaine, Ohio, Dishtronix manufactures and markets the "Prometheus" solid-state Amateur Radio amplifier, among other products. No formal announcement has been made by either company, and details of the purchase are still being finalized. RKR Designs announced last April 2 that it had acquired the assets of TEN-TEC and Alpha Amplifiers from RF Concepts, less than 1 year after the two lines had merged under the RF Concepts brand in an asset sale. Dishtronix owner Steven M. "Mike" Dishop, N8WFF, told ARRL that, while TEN-TEC has had different owners over the years, he is in it for the long haul.

"Dishtronix has been continuously operating for 17 years, is financially stable and will continue managing in a manner that promotes and maintains financial stability. My vision is strictly long term," he said. TEN-TEC production will remain in Sevierville, Tennessee.

According to its website, Dishtronix was incorporated in 1998 to design, develop and manufacture electronic controls and products, serving smaller manufacturers that lack electronic design expertise. Dishtronix said that it "seriously committed" in September 2001 to enter the Amateur Radio market with high-power, solid-state amplifiers and accessories. Dishop said Dishtronix has other new products under development, including a new legal-limit, solid-state amp that he expects to debut at Dayton Hamvention <<http://www.hamvention.org>>® in May.

"When I have capacity, the next step is to run the first batch of Omni VII+ [transceivers], which is the Omni VII with some minor cosmetic changes and improvements, such as a flat metal front for improved shielding," he added. He also expects to post some firmware updates as soon as possible, once the new TEN-TEC website is up.

Dishop told ARRL that he's had to make "some tough decisions" to ensure the company's long-term viability. He confirmed a recent TEN-TEC reflector web post by former TEN-TEC Engineering Manager John Henry, KI4JPL, whom Dishop has retained on a contract basis, that indicated a new service policy is now in place, with a \$140 minimum charge just to look at a radio, even if it is not repaired. This includes items already sent to RKR for repair.

Dishop asked the Amateur Radio community to be patient during the transition. "I am fully committed to bring TEN-TEC back to a sustainable state," he said in his earlier web post. "This will take some time." Read more <<http://www.arrl.org/news/dishtronix-purchases-ten-tec-assets>>.

Courtesy 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

An Alumni membership category is available for WARC members who are unable to attend meetings and club activities on a regular basis because of health considerations, travel impediments, or other hardships. Dues for the Alumni membership are \$10.00 annually. Please contact the Membership Committee for more information if interested."

ATTENTION MEMBERS

The Membership Committee can provide Club badges. Two types are available: an engraved plastic call sign and name badge for \$5 or a free, laminated plastic, photo ID badge/card. The photo id badge is included with your membership when a facial photo is provided by you. Please see members' photos on club website for proper facial composition. If you do not have at least a Warminster Amateur Radio Club badge with your picture on it, please contact your Membership Chairs at the WARC monthly meetings. Otherwise, please contact Membership by email at: membership@k3dn.org.

If you want to have your picture taken to be placed on the 'Members' Photos' section of the www.k3dn.org website, please contact Membership with your interest. When we get enough people who are interested we will post a notice in Feedback and have a camera ready at the following club meeting.

PROGRAMS 2016

February - Club Auction

March - New Club Website Demonstration and Yahoo Groups Mail

April - Hamfest Prep

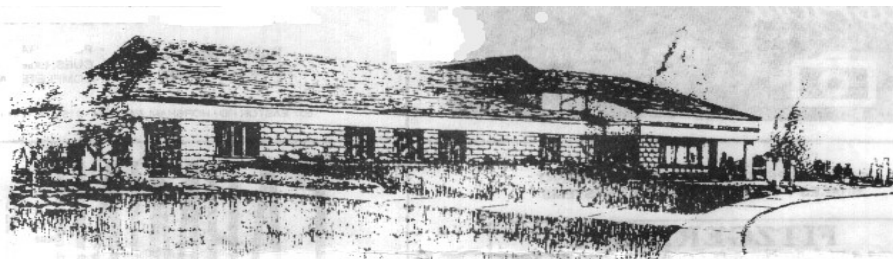
May - Elections/Hamfest Recap/Pizza Night

June - Field Day

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.**



2016 Contest Calendar

FEBRUARY

School Club Roundup

Monday, Feb 8 through Friday, Feb 12 from 1300 UTC Monday through 2359 UTC Friday

International DX – CW

0000 UTC Saturday, Feb 20 through 2359 UTC Sunday, Feb 21

MARCH

International DX – Phone

0000 UTC Saturday, March 5 through 2359 UTC Sunday, March 6

QSO Parties

Vermont 0000Z, Feb 6 to 2400Z, Feb 7

Minnesota 1400Z-2400Z, Feb 6

New Hampshire 1600Z, Feb 13 to 2200Z, Feb 14

Oklahoma 1400Z, Mar 12 to 0200Z, Mar 13 and 1400Z-2000Z, Mar 13

Idaho 1900Z, Mar 12 to 1900Z, Mar 13

Wisconsin 1800Z, Mar 13 to 0100Z, Mar 14

Louisiana 1400Z, Mar 19 to 0200Z, Mar 20

Virginia 1400Z, Mar 19 to 0200Z, Mar 20 and 1200Z-2400Z, Mar 20

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 2016 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 ➤ 2016

February 14 - Gloucester City ARC Winter Hamfest

Brooklawn American Legion

11 Railroad Lane

Brooklawn, NJ

<http://nj2gc.org>

March 19 - FARC Hamfest and Indoor Tailgating Expo

Independent Hose Company Social Hall

310 Baughmans Lane

Frederick, MD 21701

<http://frederickarc.org>

April 16 - Delaware State Convention (Delmarva AR & Electronics EXPO)

Sussex Technical High School

17099 County Seat Highway

Georgetown, DE 19947

<http://www.radioelectronicsexpo.com>

May 1 - WARC Hamfest

Middletown Grange Fairgrounds 576 Penns Park Road

Newtown, PA 18940

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

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, Vinny Porcaro K3VJP
 215-493-0783

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 Buergers
- 147.030 Phil-Mont
- 147.090 Warminster
- 147.270 Frankford
- 147.300 BEARS
- 147.390 CBRA

220

- 224.580 PackRats
- 223.76 K3NAL

UHF

- 442.650 DVRA
- 443.250 TAG
- 443.050 Metro-Comm
- 443.950 Warminster
- 444.200 BEARS
- 447.475 WR3B
- 448.225 Penn Wireless

D-STAR

- 146.61000 K3PDR DV
- 445.18125 K3PDR DV
- 445.01875 AA3E Montco RACES

6 Mtr

- 53.030 WA3BXW
- 53.230 N3DQZ
- 53.320 K3MFI

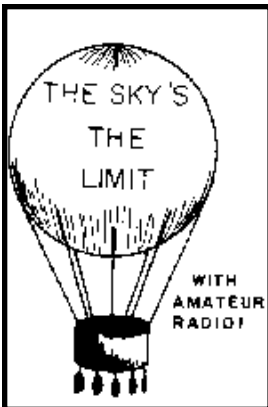
*The Warminster Amateur Radio Club
 Announces Free Ham Radio Instructional Classes*

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.

Technician classes taught by Ron Small kb3oob March 14th for 5 Mondays in a row from 7pm to 9 pm

Extra classes taught by George Altemus ka3wvx March 14th for 8 Mondays in a row from 7pm to 9 pm

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:

- 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	2000	2 Meter Net	147.09 Rptr.
Wednesday	2000	Linked w/ 2 Meter Net	443.95
Rptr. Wednesday	2000	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

- Are your dues current ?

2016 Officers

Executive Officers

President	Tony Cuttone	W3FLH	267-679-9297
Vice-President	Vinny Porcaro	K3VJP	215-493-0783
Secretary			
Treasurer	Bill Ballantine	K3FMQ	215-766-0764
Director (A)	Michael Shanblatt	W3MAS	267-491-5773
Director (E)	Larry Abbott	WA3ELQ	215-704-3282
Director (A)	Jim Elmore	WA4YWM	215-538-1889
Director (E)	George Brechmann	N3HBT	215-443-5656
Past President	Irwin Darack	KD3TB	215-343-8170

Committee Chairpersons

Archives			
ARES/RACES Liason	Karl Harris	K3KH	215-264-1855
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 16			
Fundraising	Adam Huffnagle	KB3JCP	215-442-9526
Hamfest 16	Mike Karabin	WJ3O	215-317-4029
Hamwear	Herb Hickmott	KB3VMN	267-718-3601
Holiday Dinner	George Brechmann	N3HBT	215-443-5656
Membership	George Acker	KC3ESH	215-815-7783
Net Manager	George Brechmann	N3HBT	215-443-5656
Publicity	Bernice Kraut	KB3PCX	215-884-8195
Refreshments	Brandon Penglase	KC3DYT	
RF Interference	Andy Vavra	KD3RF	610-287-3295
RF Interference	Bill Ballantine	K3FMQ	215-766-0764
Repeater Coordinator	Brian Taylor	N3EXA	215-257-6303
Safety Officer	Vinny Porcaro	K3VJP	215-493-0783
Skywarn Liason			
Station Trustee	George Brechmann	N3HBT	215-443-5656
Sunshine Club	Vince Pironti	KD3TC	215-674-0446
Township Liason	Richard Luce	AG3L	215-441-8264
VE License Testing	Larry Abbott	WA3ELQ	215-704-3282
VHF/UHF/MW	George Altemus	KA3WXV	215-855-3856
Website Coordinator	Al Konschak	WI3Z	215-491-9941
Youth Programs	Steve Larson	WW3Y	215-822-1511