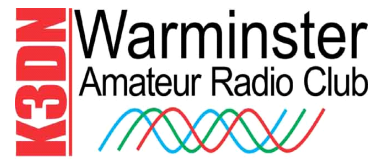




# FEEDBACK



Web Site [k3dn.org](http://k3dn.org)

Warminster Amateur Radio Club

May 2024

## Next Meeting May 2nd - Hamfest

### Warminster ARC General Meeting Minutes April 4, 2024

Call to Order: 7:30 pm by Dave (KC3RAT)

Introductions and Attendance: 32

Minutes from last Meeting: The March meeting minutes were approved as submitted.

#### Committee Reports:

**Treasurer's Report:** Tom (K3PLA) As given. Copies were available for members to review.

#### **Programs:** Dave (KC3RAT)

May – Hamfest Preparations  
June – Pizza Night / Bucks County History  
July – tba  
August – Fat Dipole

#### **Membership:** Tony (W3FLH)

118 Members on roll, 100 in good standing; 93 Regular, 7 Alumni/Assoc.

#### **Public Service:** George (N3HBT)

May – Warminster Memorial Day Parade 5/27 from 9 AM to 1 PM  
June – Golf Outing  
October – Golf Outing Part 2  
More information as we get closer to the dates.

#### **Classes:** Dave (K3RAT)

A General class is half done. Tech class to start 4/15 and will be remote via Zoom.

#### **VEC Testing:** Larry (WA3ELQ)

Session 03/25/2024 Six candidates, five successful. Two upgrades. Next session 4/29/2024.

#### **Repeater:** George (N3HBT)

All is presently good and working as expected. Echo-link is down.

**Good and Welfare:** Card sent to Tony Radice KC3QFS.

#### **Radio sport:** Irwin (KD3TB)

See the ARRL website for details. Sunspot 25 is starting and is supposed to be very intense. There is an eclipse QSO party scheduled. One member suggested that an ICOM sponsored website is available for listing upcoming events. Checkout [ContestCalendar.com](http://ContestCalendar.com)

#### **Hamfest:** Tony (W3FLH)

Hamfest is scheduled for May 5, 2024 and will be held at the Bristol Campus of the BCCC. There is a club meeting scheduled for 5/2/2024 at which more details will be discussed. Volunteers will be needed on Saturday 5/4 1:30 PM at the BWSC to load stuff from storage, and at 3:00 PM at the BCCC to unload. Help will be needed Sunday morning 5/5 starting around 5 AM. SLACKS will be providing food at the BCCC throughout the morning.

**Refreshments:** Arlene (KA3PLA)

(Continued from page 1)

Members were thanked for upping their donations for refreshments.

**Other Committees:**

No additional reports.

Old Business:

**Club Station:**

Everything working with no problems. Ray KA3TRU reported that he contacted Stanley Steamer about cleaning the carpet but they wanted to charge commercial rates since the BWSC is considered a commercial account. Ray will be looking at other vendors. If anyone has any suggestions or contacts, please let Ray know.

**Constitution:**

The Club Constitution is signed and will be made available on the club website

**Field Day:**

Field Day is scheduled for the last Saturday (6/22) and Sunday (6/23) in June. Help will be needed at the BWSC to load stuff from storage on Saturday morning at around 10:30 AM. Help will be needed at the Shrine to unload and set up at around 2 PM on Saturday afternoon. A family picnic is being planned for Saturday. Help will be needed Sunday afternoon to tear down and load stuff to be taken back to the BWSC. Anyone with ideas or able to help, please let one of the club officers know.

New Business:

**Elections**

The Nominating Committee currently has one candidate for all positions, except Vice President. The Committee is looking to have at least two members for each position. Anyone interested in serving the Club should contact either Dave KC3RAT or Tony N3YNH to let them know of their interests. Nominations will close in two weeks.

**BCARES**

Karl Harris K3KH announced that a SET (Scheduled Emergency Test) will occur on April 6<sup>th</sup>. Members should listen to the 09 repeater or use Win Link to participate. Another SET will occur in May.

**ARRL Night**

The Packrats ARRL night is scheduled for April 18 at 7 PM at the BWSC. All hams are invited to attend. Included is Riley Hollingsworth of the ARRL to provide the latest updates on what the ARRL is working on.

**POTA (Parks on the Air)**

There was a discussion about the club doing a formal POTA activation at one of the local parks. Any ham may go out on their own and use the K3DN call sign as well as their own to gain points for such an activation.

Business meeting adjourned at 7:55 PM.

### **The K7RA Solar Update**

Tad Cook, K7RA, of Seattle, Washington, reports for this week's ARRL Propagation Bulletin, ARLP0017:

After a big jump in solar activity, conditions continued to improve throughout the past week.

Twelve new sunspot groups emerged: two on April 18, three on April 19, five on April 21, one on April 22, and one on April 24.

The average daily sunspot number jumped from 142.7 to 265.9, and the average daily solar flux rose from 177.4 to 216.

The predicted solar flux over the next month shows values peaking at 215 during May 15 and 16, and again on May 19 and 20.

We see solar flux at 195, 185, 170, 160, and 140 on April 25 - 29; 135, 135, and 130 on April 30 through May 2; 160 on May 3 - 6; 165, 170, 180, 185, 190, 195, 200, and 210 on May 7 - 14; 215 on May 15 - 16; 212 on May 17 - 18; 215 on May 19 - 20, and 200

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This solar disk image was taken on April 25, 2024. [Photo courtesy of NASA SDO/HMI]

and 190 on May 21 - 22.

The predicted planetary A index is 20, 18, 15, 12, 10, and 8 on April 25 - 30; 10 on May 1 - 3; 5 on May 4; 8 on May 5 - 7; 5 on May 8 - 18, and 10, 15, 10, and 12 on May 19 - 22.

Watch this new report from Space Weather Woman Dr. Tamitha Skov, WX6SWW: [https://youtu.be/MIB\\_OnxhpLk](https://youtu.be/MIB_OnxhpLk).

Sunspot numbers for April 18 - 24, 2024, were 247, 243, 240, 283, 283, 282, and 283, with a mean of 265.9. The 10.7-centimeter flux was 226.9, 213.4, 209.5, 217.1, 226.8, 219.1, and 199.1, with a mean of 216. Estimated planetary A indices were 4, 41, 12, 19, 9, 8, and 4, with a mean of 13.9. The middle latitude A index was 5, 21, 10, 14, 10, 9, and 4, with a mean of 10.4.

Send your tips, questions, or comments to [k7ra@arrl.net](mailto:k7ra@arrl.net).

A comprehensive K7RA Solar Update is posted Fridays on the ARRL website. For more information concerning radio propagation, [visit](#) the ARRL Technical Information Service, [read](#) "What the Numbers Mean...", and [check out](#) the Propagation Page of Carl Luetzelschwab, K9LA.

A propagation bulletin [archive](#) is available. For customizable propagation charts, visit the [VOACAP Online for Ham Radio](#) website.

[Share](#) your reports and observations.

A weekly, full report is posted on [ARRL News](#).

### Armed Forces Day Crossband Test May 11, 2024

The US Department of Defense will host this year's Armed Forces Day (AFD) Crossband Test on May 11, 2024. For more than 50 years, military and amateur stations have taken part in this event, which is an interoperability exercise between hobbyist and government radio stations. The event is open to all licensed amateur radio operators and will not impact any public or private communications. The AFD Crossband Test is a unique opportunity to test two-way communications between military communicators and radio stations in the Amateur Radio Service (ARS), as authorized in 47 CFR 97.111.

These tests provide opportunities and challenges for radio operators to demonstrate individual technical skills in a tightly controlled exercise scenario. Military stations will transmit on selected military frequencies and announce the specific ARS frequencies monitored. All scheduled times will be in Zulu (Z), and all scheduled frequencies will be upper sideband (USB) unless otherwise noted.

Information on frequencies, times, and other technical information can be found at [DoD MARS - Armed Forces Day](#). Information for QSL cards and contact information is available at [Armed Forces Day QSL request form](#).

AFD is classified as an observance -- not a federal holiday. It will be celebrated on Saturday, May 18, 2024, and it will be a time of honor. The establishment of AFD was first announced on August 31, 1949, by then US Secretary of Defense Louis Johnson. It was meant to replace the separate Army, Navy, and Air Force Days. All branches were combined to create the US Department of Defense. The first Armed Forces Day was held on May 20, 1950. The day is celebrated with special events, tributes, observances, and parades.



Courtesy ARRL Newsletter

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## Amateur Radio Saves Family in Death Valley National Park



Death Valley National Park is in a remote desert in southern California, where mobile phone networks are spotty at best. On Saturday, April 6, a radio amateur and his family were enjoying the park when their vehicle became stuck in mud in a dangerous area. Without access to a cell network, the ham called for help on the 10-meter band.

According to a news release from the Black Swamp Amateur Radio Club, Caleb Gustwiller, KD8TGB, jumped into action.

Gustwiller was monitoring from Ohio when he picked up the distress call. He was able to hear the call sign and the general location of the ham in distress. He lost the signal to the noise, so he wrote a post in the Parks on the Air® Facebook group asking for other hams to listen for the calls.

Several hams contacted emergency officials in southern California, which led to the ham and their family being rescued within a few hours by park rangers. The club stated in their Facebook post: "Without Caleb hearing this distress call, it could have quickly become a very deadly situation for the operator and his family."



**Much of Death Valley National Park sits below sea level, surrounded by terrain. [Sierra Harrop, W5DX, photos]**

*Courtesy ARRL Newsletter*

## Ham Radio Active During Eclipse

Millions of people across the United States got to see a rare solar eclipse on Monday, April 8, 2024.

The path of totality -- the line of darkness where the moon fully occluded the sun -- stretched through the South Pacific, Mexico, central Texas, the Ozarks, the Midwest, the Rust Belt area, and to New England through the Maritimes. In all, 14 ARRL Sections were impacted directly and several more were on the fringes of the solar umbra.

### Radio Serves

Amateur radio was active throughout the areas of impact. Most ARRL Sections in the path had been developing a plan with their served agencies for months or years beforehand.

Traffic was expected to be significant, with up to 3.7 million people forecast to travel to areas within the path of totality.

Radio amateurs were activated in many locations.

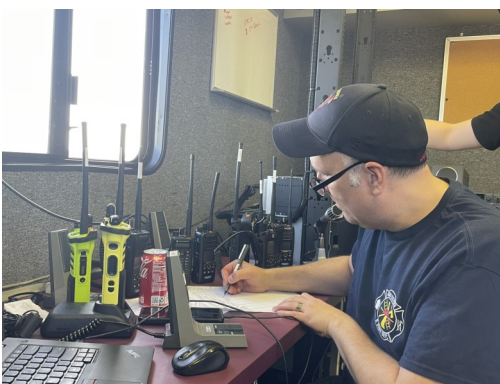
In Paris, Texas, hams split shifts at the Lamar County Emergency Operations Center (EOC). Teams of two operators volunteered for 4-hour shifts. The activation doubled as a training opportunity and an equipment test.

(Continued on page 5)



**Bill Townsend, KJ5ABG; Jeff Laughlin, KJ5DNA, and Dr. Randy Holland, N5DDS, at the Lamar County EOC in Paris, Texas. [Steven Lott Smith, KG5VK, photo]**

The ARRL Indiana Section was in full force with their Amateur Radio Emergency Service® (ARES®) member-volunteers providing radio coverage on HF, VHF, and UHF amateur bands and utilizing GMRS. Using a mobile command center dubbed "Big Blue," the ARES team in Lake County set up on an overpass above Interstate 65 and was staffed in part by father and son volunteer team Chris Lattimer, N9MMR, and Tavas Lattimer, KD9NSC. The Section also utilized Winlink VARA HF to establish a digital connection with the incident command system.



**Chris Lattimer, N9MMR, operating inside "Big Blue", the Lake County Indiana Communications Trailer. The vehicle was positioned on an overpass of Interstate 65.**

In Hamilton County, Indiana, ARES members volunteered with the county emergency management teams. They fanned out across

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EOCs, parks, and other locations. One ARES member, who is also active in the Civil Air Patrol, monitored traffic and crowds from an airplane.

Section Emergency Coordinator of the ARRL Maine Section Keith Anoe, KE4UCW, held hourly check - ins via radio with the Maine Emergency Management Agency and other served agencies in case one of them needed to activate the Maine Emergency Communication Net.

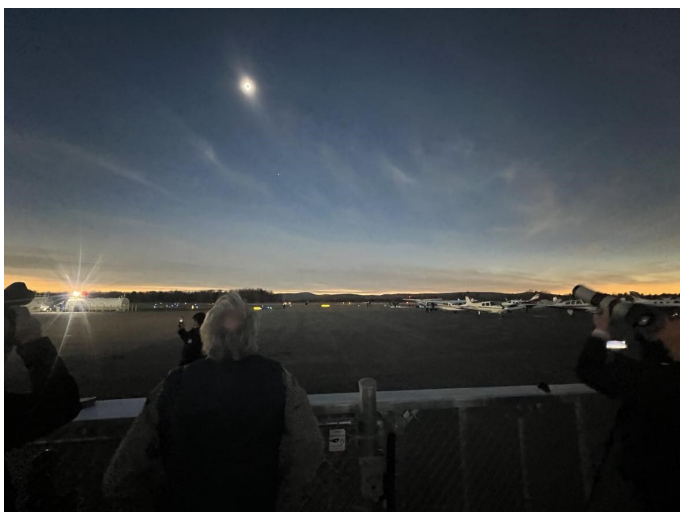
Social media posts throughout the amateur radio space hold anecdotes of 146.52 MHz being extremely active during the post-eclipse traffic jam.



**Traffic on Interstate 91 in Northern Vermont was at a near standstill after the eclipse. Many reports say that 146.52 MHz was active all over the country with amateurs reporting the latest traffic conditions. [Sierra Harrop, W5DX, photo]**

### **Radio Gathers**

In Vermont, several ARRL members, who also happen to be pilots, gathered at the Northeast Kingdom International Airport in Newport to watch the eclipse.



**ARRL Member Lauren Lee, N1OZJ, photographs totality from the Northeast Kingdom International Airport in Newport, Vermont. Lee is a Boeing 777 Captain for a major airline. [Sierra Harrop, W5DX, photo]**

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Outside ARRL Headquarters in Newington, Connecticut, staff members and headquarters volunteers took the opportunity to observe the 92% visible eclipse using a solar viewer built by W1AW Station Manager Joe Carcia, NJ1Q.



**Left: A solar viewer setup outside of W1AW, the Hiram Percy Maxim Memorial Station at ARRL Headquarters. Right: The output view of the viewer. [Joe Carcia, NJ1Q, photos]**

### Radio Studies

Across the world, radio amateurs participated in the HamSCI Solar Eclipse QSO Party. It involved operating before, during, and after the eclipse to gather log data. Those logs will be studied by researchers in the coming years to further investigate the sun's impact on the ionosphere.

HamSCI's program leader Dr. Nathaniel Frissell, W2NAF, was active from The University of Scranton Amateur Radio Club station. "I'm happy to report that we had an excellent day at W3USR in Scranton and believe that we both had fun and collected good data," he wrote in a message to the HamSCI team.

The organizers request that those who operated in the event upload their logs. If you used *NIMM+* or *N3FJP* loggers, there's a setting called Solar Eclipse QSO Party. Participants can also submit a Cabrillo or ADIF file of their activity. All logs should go to <https://seqp.contesting.com/seqpsubmitlog.php>.

*Courtesy ARRL Newsletter*

### Elmer's Corner

Welcome to Elmer's Corner. This will be a section where hams can request help with ham related issues. Our goal is to match someone with experience with the issue you are having in order to resolve your problem. This is intended to cover all aspects of ham radio:

Equipment    Software    Antennas    Operations

Send the editor an email detailing the issue: [wa4ywm@comcast.net](mailto:wa4ywm@comcast.net).

### 2024 Contest Calendar

#### May

#### 25-26 CQ WW WPX Contest, CW

0000Z, May 25 to 2359Z, May 26

#### June

#### 1-2 [International Digital Contest](#)

1800 UTC Saturday, ends 2359 UTC Sunday

#### 8-10 [June VHF](#)

1800 UTC Saturday, ends 0259 UTC Monday

#### 15 [Kids Day](#)

1800 UTC through 2359 UTC

#### 22-23 [Field Day](#)

1800 UTC Saturday, end 2059 UTC Sunday

#### QSO Parties

7th Call Area 1300Z, May 4 to 0700Z, May 5

Indiana 1500Z, May 4 to 0300Z, May 5

Delaware 1700Z, May 4 to 2359Z, May 5

New England 2000Z, May 4 to 0500Z, May 5 and 1300Z-2400Z, May 5

Arkansas 1400Z, May 18 to 0200Z, May 19

### 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 2024 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, 1st Wednesday at 6:30. Levittown Library - Ben Johns, K3JQH, 215-657-5994

**Telford, PA**, RF Hill ARC. Indian Valley Library. Held the third Monday of odd months (January, March, May, July, September, November)  
Contact: Jim Soete 215-723-7294  
[wa3ylq@arrl.net](mailto:wa3ylq@arrl.net).

**Philadelphia, PA**, Testing is done on the 3rd, non holiday Monday of the month at the Giant Supermarket, 315 York Rd., Willow Grove, 19090 at 6:30 PM in the Community Room. For further information contact James McCloskey at [jmccloskey@msn.com](mailto:jmccloskey@msn.com) and by phone 215-275-2979.

**Lansdale, PA** Testing on the fourth non-holiday Thursday 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](mailto:w3pa@arrl.net)  
Alt Contact: Jim, 610-287-5630

### ➤ ATLANTIC DIV. HAMFESTS

#### ➤ 2024



#### May 5 - [Warminster ARC - Annual Hamfest](#)

Bucks County Community College-Lower Bucks Campus  
1304 Veterans Highway (Route 413)  
Bristol, PA 19007

<https://wp.k3dn.org/hamfest/>

#### May 11 - [Hamfest at the Shore](#)

Surf City Firehouse  
713 Long Beach Island  
Surf City, NJ

<http://www.obarc.org>

#### May 26 - [MFMA Memorial Weekend Hamfest](#)

Howard County Fairgrounds  
2210 Fairgrounds Road  
West Friendship, MD 21794

<http://marylandfm.org>

#### June 15 - [Bloomsburg Hamfest](#)

Lime Ridge Community Center  
6360 Hughes Street  
Lime Ridge, PA

[https://www.qsl.net/cm-arc/Newsletter/Current/Hamfest\\_Flyer.pdf](https://www.qsl.net/cm-arc/Newsletter/Current/Hamfest_Flyer.pdf)



### CLUB INFO

#### PUBLIC SERVICE

May – Warminster Memorial Day Parade  
 June – Golf Outing  
 October – Golf Outing Part

#### CLUB STATION

The WARC club station is open to anyone with an interest, on the first Thursday of the month (meeting night) between the hours of 6:30 and 7:30 pm. with the exception of the December dinner meeting 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 \$12.50 annually and are approved by the Board. Please contact the Membership Committee for more information if interested."

#### ATTENTION MEMBERS

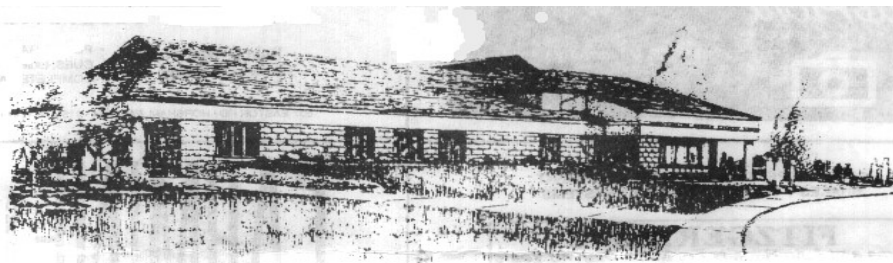
The Membership Committee can provide Club badges. Two types are available: an engraved plastic callsign and name badge for \$8 or a free, laminated plastic, photo ID badge/card. The photo id badge is included with your membership. Pictures for the club badge will be taken before club meetings on even numbered months. 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](mailto:membership@k3dn.org).

If you want to have your picture taken to be placed on the 'Members' Photos' section of the [www.k3dn.org](http://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 2024

- **May – Hamfest Preparations**
- **June – Pizza Night / Bucks County History**
- **July - TBD**
- **August - Fat Dipole**

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 the first Thursday of the month (meeting night) between the hours of 6:30 and 7:30 pm. with the exception of the December dinner meeting . 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.

**SKYWARN INFORMATION**

**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:**

<https://www.weather.gov/phi/Info>

**SKYWARN Basic Weather Spotter Educational Programs URL:**

<https://www.weather.gov/phi/classes>

➤ **CLUB EQUIPMENT**

WARC has 2 Baofeng UV-5R dual band HT's and a Yaesu FT-2900 2M mobile that are available for use by members of the club. The radios 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, Dave McGowan KC3RAT

**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 Bueggers
- 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
- 444.759 RF Hill Analog/Fusion

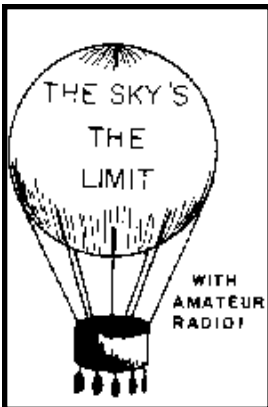
**D-STAR**

- 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, 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.

New Classes (Tech and General) to start Sept 13 from 7 pm to 9 pm.

For further information contact George Brechmann, N3HBT at 215-443-5656.

**Bucks County Amateur Radio Emergency Service (BCARES)**

[www.bucksares.org](http://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

**Net Schedules**

Sunday	2000	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:**

[WARMrinfo@gmail.com](mailto:WARMrinfo@gmail.com)

**Visit our Home Page at:**

<http://www.k3dn.org>

**The annual dues rate structure is as follows:**

**Full Member:     \$25.00**  
**Student:           \$ 7.50**  
**Alumni:             \$12.50**

- Are your dues current ?

**2024 Officers**

**Executive Officers**

President	Ray Oechslin	KA3TRU	267-269-3198
Vice-President	Dave McGowan	KC3RAT	215-850-5846
Secretary	Tony Simek	N3YNH	215-796-0336
Treasurer	Tom Newman	K3PLA	215-630-5965
Director (A)	Doug Becker	KC3MNQ	215-932-1370
Director (E)	Larry Abbott	WA3ELQ	215-704-3282
Director (A)	Bruce Farrington	WA3ZPC	215-262-4215
Director (E)	George Brechmann	N3HBT	215-443-5656
Past President	Tony Cuttone	W3FLH	267-679-9297

**Committee Chairpersons**

ARES/RACES Liason	Karl Harris	K3KH	215-264-1855
ARRL Liason	Irwin Darack	KD3TB	215-343-8170
Awards Manager	Vince Pironti	KD3TC	215-674-0446
Classes	Dave McGowan	KC3RAT	215-850-5846
	Dan Clementi	K3GMQ	267-337-0392
Digital and APRS	Ron Wenig	NY3J	215-638-9257
Feedback Editor	Jim Elmore	WA4YWM	215-538-1889
Field Day 24	Herb Hickmott	KB3VMN	267-718-3601
Hamfest 24	Tony Cuttone	W3FLH	267-679-9297
Hamwear	Kathy Acker	KC3FBY	215-815-7978
Holiday Dinner	George Brechmann	N3HBT	215-443-5656
Membership	Tony Cuttone	W3FLH	267-679-9297
Net Manager	George Brechmann	N3HBT	215-443-5656
PA QSO Party	Mark Kempisty	AA3K	
Publicity	Herb Hickmott	KB3VMN	267-718-3601
Refreshments	Arlene Newman	KA3PLA	215-345-4539
RF Interference	Bill Ballantine	K3FMQ	215-766-0764
Repeater Coordinator	Brian Taylor	N3EXA	215-257-6303
Safety Officer	Mike Malone	W3MJM	215-639-2175
Station Trustee	George Brechmann	N3HBT	215-443-5656
Good and Welfare	Regina Litman	KC3LRF	
Township Liason	George Brechmann	N3HBT	215-443-5656
VE License Testing	Larry Abbott	WA3ELQ	215-704-3282
VHF/UHF/MW	George Altemus	KA3WXV	215-855-3856
Website Coordinator	Kathy Acker	KC3FBY	215-815-7978
Youth Programs			