



# FEEDBACK



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

Warminster Amateur Radio Club

March 2023

## Next Meeting March 2nd - Club Auction

### President's Message

Hello Everyone,

Well we've gotten past the first two months of the year and the weather has been somewhat unbelievable. It's been pretty warm, but, it has also given us the reality of winter. The bands have been open and Japan stations were on the 10 meter band in the early evening. All bands have been wide open and I'm hoping all of you had some chance to jump on. The Bouvet Island DXpedition is over. The crew did the best they could with the conditions being extreme. I hope some of you were able to make contact with them. There was a lot of intentional interference on the air which also helped to diminish their ability to make contacts. The school roundup was in the middle of the month and I was able to make contact with several schools throughout the country. Always a warm feeling when you hear the excitement in the young voices making contacts. We have a RTTY contest and a 160 meter contest SSB also coming up on the last weekend of the month. If you partake enjoy and good luck.

Our club is having an in person auction at the meeting in March. I do hope that members attend and maybe you can find something you've looking for. We are also planning an on line auction in the near future, but, have not set an exact date yet. We are actively working on our Hamfest that will be held at the Bucks Community College on Route 413. We will be updating the website with details in the very near future. And yes Field Day is also approaching quickly. Our team is working on the particulars and we will be giving information shortly. As always we can use as many volunteers as possible with all of these activities. So if you have some time please participate.

73's  
Ray - KA3TRU

### Winlink for Rookies

The Saturday Morning Digital Training Net and the EPA Section of ARRL will be sponsoring a Zoom class on the topic of

This class will meet on four successive Saturday mornings at 9 am - 10 am during March 4,11,18,25  
We will concentrate on the Winlink modes **VARA** on HF SSB and the mode **VARA FM** on VHF/UHF.

The Zoom class is open to all operators in the EPA region.  
You do not need to be an ARRL member to register for the class, but class is limited to the first 20 who register.

We will be practicing **VARA HF** SSB on an 80m frequency (3583 - 3585 kHz) and we will use a 2m FM repeater (147.270 PL 77) in the Phila region.

Topics for this class will include  
Wk 1 General observations about Winlink and VARA HF and VARA FM  
Wk 2 Getting Winlink and VARA licenses, configure your HF SSB radio for CAT and PTT. Configure VARA FM with your 2m rig.  
Wk 3 How to send an email to both a Gateway and P2P  
Wk 4 How to send an attachment: American Red Cross, Wx, ICS  
Wk 5 - trouble shoot and summary

I am looking for a few experienced Winlink operators to help organize and teach this class.

If you feel you can contribute please contact k3eui directly: [k3eui@barry.com](mailto:k3eui@barry.com).

To register for this class, please write to Barry at the address: [k3eui@barry.com](mailto:k3eui@barry.com)

(Continued from page 1)

### Winlink Survey Follow-Up

Last month, ([Winlink Invitation From W8ZY](#)) I mentioned Winlink as a tool for many of the emcomm deployments across the country. I asked you to send me a Winlink message and tell me where you sent the message from and how you connected. This was a very informal survey and, as I expected, I received several messages. Here are the results:

Messages originated in 36 different states.

The breakout of connections looked like this:

HF 40%

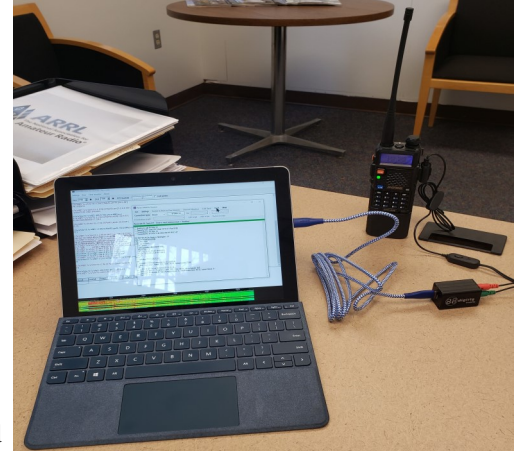
VHF 38%

Telnet 15%

Not Listed 7%

Some of the messages included forms like the ICS-213. I even received several messages that were copied to my personal email. I suspect that many simply looked me up on QRZ and included that message. This shows, in a very informal way, that many can use Winlink to send and receive messages in adverse conditions. Keep up the good work, and maybe we'll have another request like this in the future.

*Courtesy of the ARRL Newsletter*



**My simple Winlink station with a Windows tablet, Digirig, and a handheld transceiver.**

### THE QSO TODAY VIRTUAL HAM EXPO RETURNS MARCH 25-26, 2023 WITH THE THEME "NEW AMATEUR RADIO LICENSE - NOW WHAT?"

Quote: "Amateur Radio is now like the traditional circus of old, with the traditional communications activities in the bigtop's three rings, but now with a midway of a thousand tents, each containing a unique and interesting ham radio activity", said Eric Guth, 4Z1UG, QSO Today podcaster and creator of the Expo.

LOS ANGELES, Ca - The amateur radio hobby is alive and well and coming to the QSO Today Virtual Ham Expo on March 25-26th, 2023 with the theme: "New amateur radio license - now what?". While the general public may not be aware that the hobby of amateur radio is not only alive and well, it is bigger and better than it ever was. Many new amateur radio licensees may not know what opportunities for fun and growth exist in the hobby, once they leave their exam with their new license in hand. The goal of the Expo is to get more ham radio licensees on the air and involved in the hobby.

This 6th QSO Today Virtual Ham Expo will showcase, through a weekend of presentations with live video questions and answers, the wide range of ham radio activities, technology, and communities that exist, not only in North America, but around the world. "Amateur Radio is now like the traditional circus of old, with the traditional communications activities in the bigtop's three rings, but now with a midway of a thousand tents, each containing a unique and interesting ham radio activity", said Eric Guth, 4Z1UG, QSO Today podcaster and creator of the Expo.

The Expo is presented on the vFairs virtual convention platform that creates virtual spaces and lounges for attendee interaction, a presentation auditorium with multiple simultaneous speaker tracks, and opportunities to interact through video, audio, and text chat with sponsors and exhibitors. Every new edition of the Expo features new interactive features to enhance participation and educational benefit to amateur radio operators who want to try something new, or learn more about something in the hobby that interests them. This time the Expo will introduce match-making between attendees who need amateur radio mentoring and potential mentors who match skills, expertise, and the location of hams needing help.

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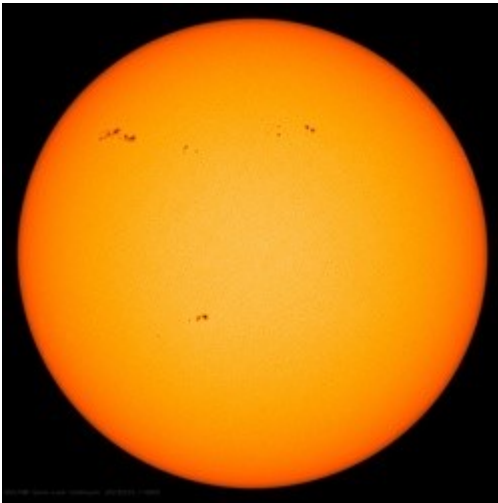
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The QSO Today Virtual Ham Expo will return on Friday Evening, March 24th at 6:00 PM PDT, that's Pacific Day-light Time, with the show's opening and includes live shows by distinguished ham radio podcasters and YouTu-bers. Interactive spaces and lounges are open for a continuous 48 hours over the weekend. Presentations begin at 8:00 AM PDT, Saturday morning, March 25th, 2023. After the weekend, all of the presentations are available for 30 days to ticket holders. Tickets are on sale now at a cost of \$15.00 each at [qsotoday.vfairs.com/en/registration-form](https://qsotoday.vfairs.com/en/registration-form)

For more information, go to the QSO Today Virtual Ham Expo website at: <https://qsotodayhamexpo.com>.

Contact:  
Eric Guth  
email: [eric@qsotoday.com](mailto:eric@qsotoday.com)

### The K7RA Solar Update



Solar disk image taken February 23, 2023, courtesy of NASA SDO/HM.

Tad Cook, K7RA, of Seattle, Washington, reports for this week's ARRL Propagation Bulletin, ARLP008:

Solar activity plunged this reporting week, although there was some excitement on February 17, 2023, when the solar flux was reported as a record breaking 343.1.

Because it was the noon reading, it is still reported by the National Oceanic and Atmospheric Administration (NOAA) as the solar flux, but this was a false reading when the Penticton detectors were overloaded by energy from a solar flare.

So, in this report, I have chosen the 1800 UTC flux value, which was 165.

The average daily sunspot number plunged from 182.4 to 107, while the average solar flux dropped from 196.4 to 162.4. If I had not changed the 343.1 to 165, the solar flux average would have been 187.9.

Six new sunspots emerged over the week, one on February 16, one each on February 18 and 19, and three more on February 20.

The solar flux prediction for the next month shows a peak value of 180 for March 7

- 13.

Predicted values are 150 on February 23; 148 on February 24 - 25; 146 on February 26 - 27; 142 on February 28; 140 on March 1; 145 on March 2 - 3; 150, 155, and 165 on March 4 - 6; 180 on March 7 - 13; 175 and 170 on March 14 - 15; 160 on March 16 - 17; 155, 160, 150, 140, and 135 on March 18 - 22; 125 on March 23 - 24; 130 on March 25, and 140 on March 26 - 28.

Predicted planetary A index is 8 on February 23 - 24; 10, 5, and 12 on February 25 - 27; 18, 16, and 8 on February 28 - March 2; 5 on March 3 - 4; 15, 18, 15, and 8 on March 5 - 8; 5 on March 9 - 14; 15 on March 15; 8 on March 16 - 17; 5 on March 18 - 20; 10 on March 21 - 23; 5 on March 24 - 25, and 8 on March 26 - 27.

Jon Jones, N0JK, wrote:

"There was a nice 6-meter F2 opening on February 16.

I logged [the] HC1MD/2 grid FI57 on 50 MHz FT8 at 1916 UTC. I found this opening by checking the DXMaps website. HC1MD/2 had a strong, steady signal. I operated from home using an attic dipole antenna. [I] also logged HC2FG.

Other area 6-meter operators such as WQ0P (EM19) and KF0M (EM17) also worked stations in Chile. The K index was 4, which I suspect may have helped.

On February 18, a number of North American stations worked Robert Felicite, 3B9FR, around 1600 UTC on 6-meter FT8.

*(Continued on page 4)*

*(Continued from page 3)*

(3B9FR is on Rodrigues Island in the Indian Ocean, off the southeast coast of South Africa)

Conditions were great [during] the ARRL [International] DX CW Contest on 10 meters. I operated [for] a couple of hours [on] Sunday morning [while] running 5 W and a quarter-wave whip fixed mobile. [I] worked [more than one] hundred stations [between] Europe, the Caribbean, South America, and Africa. Many of the Europeans were over S-9."

Sunspot numbers for February 16 - 22 were 101, 86, 109, 112, 135, 106, and 100, with a mean of 107. The 10.7-centimeter flux was 163.2, 165, 167.2, 169, 159.8, 160.9, and 151.9, with a mean of 162.4. Estimated planetary A indices were 24, 6, 6, 7, 8, 17, and 6, with a mean of 10.6. The middle latitude A index was 21, 4, 5, 4, 6, 15, and 4, with a mean of 8.4.

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](#).

*Courtesy of the ARRL Newsletter*

### **Big Bend Amateur Radio Club Supports 2023 Ultra Race**

Members of the Big Bend Amateur Radio Club (BBARC) provided communications for the 2023 Big Bend Ultra, held at the Big Bend Ranch State Park on January 15, 2023.

The annual event hosted 340 runners participating in 10k, 20k, 30k, 50k, and 80k (50-mile) events on trails throughout the park. All races were run concurrently, with staggered start times.

We used our permanent 2-meter repeater system, an additional repeater placed near the park entrance, tactical 2-meter simplex frequencies, and the club RV for net control.

Joined by radio operators from San Antonio and Austin, a total of 13 hams manned a base camp and five checkpoint stations.

State park restrictions on vehicles forced some ham operators to hike with their radio and antenna gear to their checkpoint locations, and several had to camp at their station overnight. One location was 20 miles into the park.

Each racers' bib number was recorded at each checkpoint and relayed to net control to track their positions on the various courses. Ham operators also provided intel on checkpoint conditions and supply needs. Net control liaised with park officers and race control officials to maintain up-to-the-minute race statuses for all communications support.

Race officials provided medical teams that roved the park on cross-country bikes to assist runners through the desert environment. The state park officers provided two UTV's for medical evacuations, just in case they were needed.

Participants included Scott Ahnberg, KI5BLZ; Lee Besing, N5NTG; Lonny Hillin, K5LON; Skip Horni, W5UTW; Charles Land, KC5NKK; Daniel Maldonado, KE5UUQ; Scott McClanahan, KI5ANQ; David Rivenberg, AD5OO; Keith Rizzo, KF5RIC; Charlie Troxel, N5CET; Carroll Voss, KF5KQA, and Bob Ward, WA5ROE.

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Yellow Rose Drones captured aerial views of the event, which can be seen on YouTube.

<https://www.youtube.com/playlist?list=PLcf8gu6jzKU6GwupVKLLfrqXjVZgz2UaJ>

-- Thanks to Charlie Troxel, N5CET, Big Bend Amateur Radio Club President

### **Bouvet Island DXpedition Wraps Up**

The 3Y0J activation of Bouvet Island has finished. The team concluded operations at 3:00 UTC on February 14, 2023, with around 19,000 contacts logged.

The team has boarded the S/V Marama and began their journey to Cape Town, South Africa. They expect to arrive by February 23.

Photos uploaded to social media by Steve Haas, N2AJ, the team's Media Officer, [show the harsh reality of the operating environment](#). The crew operated in tents, with radios and equipment stacked on buckets.

Team Co-Leader Kenneth Opskar, LA7GIA, [took to Facebook to tell a bit of their story](#). His post highlights the physical and technical challenges the team faced.

"Pileup was difficult as our signals were weak. We had good reception and very often we called 3 to 5 times to log a QSO. Many DXers called but couldn't hear us, "how frustrating," he wrote "We focused on fewer bands to maximize [all time new ones], and looking at the stats, we achieved 19,000 QSOs and 50% unique calls. And many dupes! Many are satisfied, but some are also disappointed by the performance of either the team or the DQRMers."

In response to some posts on social media questioning the methods and tactics the team used, Opskar continued, "As for Bouvet, there is no guarantee at all, whether you use two helicopters or zodiac! [We wanted] to make more contacts, but safety was and will always be more important than trying to push our limits in a risky environment."

The effort was one of the most expensive DXpeditions of all time. The team raised \$715,000 through donations and sponsorships, with each operator contributing a large sum to participate. The original plan was to operate for 22 days on the island. They had set a goal of 200,000 QSOs and hoped to operate up to 12 stations at once, across modes and bands.

As Opskar referenced, getting the equipment onto the island by boat proved to be a logistical challenge. "During the second day we got some supplies in a risky zodiac operation in high swell. We lost several objects in the surf and punctured the zodiac. The conditions on the beach were terrible. Due to the coming storm, we evacuated back to [the] Marama on day 4. Despite this, we decided to scale down [the] DXpedition... We could not fight against Bouvet, but [we] had to adjust to the weather and go ashore when Bouvet allowed us," the post said.

Without the planned kit, the team was largely limited to two radios at once. The only location on the island that was safe to set up camp had a large terrain feature in the direct path toward the east coast of the United States. With antennas limited to wire dipoles, power limited to the transceivers' rated output, and a massive rock in the short path to much of North America, operations were hindered.

Bouvet Island has long been number two on Club Log's DXCC Most Wanted list, right behind North Korea. Previous excursions to the remote island have also faced operational challenges. Antarctic weather, dangerous ice, and rough terrain prevent it from being an easy activation.

*Courtesy of the ARRL Newsletter*

### **The Virginia QSO Party (VQP) and Virginia's Volunteers On the Air (VOTA) Activation of W1AW/4 are set for the weekend of March 18 - 19, 2023.**

Virginia amateur radio operators will, at the same time, celebrate the contributions of thousands of ARRL volunteers during Virginia's activation of the Volunteers On the Air event by contacting W1AW/4 during the VQP. In fact, W1AW/4 will be active from March 15 - 21, 2023. VQP planners are working to activate in some of the rare counties to help increase the chances of earning a Worked all VA Counties award. VQP Rules are at: [https://www.qsl.net/sterling/VA\\_QSO\\_Party/2023\\_VQP/2023\\_VAQP\\_Rules.pdf](https://www.qsl.net/sterling/VA_QSO_Party/2023_VQP/2023_VAQP_Rules.pdf).

ARRL VOTA rules are at: <http://www.arrl.org/volunteers-on-the-air>.



**Bouvet Island shrinks from view as S/V Marama takes the crew toward South Africa. 3Y0J Bouvet Island DXpedition, photo.**

### 2023 Contest Calendar

#### March

##### 4-5 [International DX- Phone](#)

0000 UTC Saturday and runs through 2359 UTC Sunday.

##### 11-12 [North American Sprint, RTTY](#)

1900Z, Mar 11 to 1900Z, Mar 12 (4 hours maximum operating time)

##### 25-26 [CQ WW WPX Contest, SSB](#)

0000Z, Mar 25 to 2359Z, Mar 26

#### April

##### 16 [Rookie Roundup - Phone](#)

1800 to 2359 UTC

#### May

##### 27-28 [CQ WW WPX Contest, CW](#)

0000Z, May 27 to 2400Z, May 28

#### QSO Parties

Oklahoma	1500Z, Mar 11 to 0200Z, Mar 12 and 1500Z-2100Z, Mar 12
Idaho	1900Z, Mar 11 to 1900Z, Mar 12
Wisconsin	1800Z, Mar 12 to 0100Z, Mar 13
Virginia	1400Z, Mar 18 to 0400Z, Mar 19 and 1200Z- 2400Z, Mar 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 2023 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 Monday 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 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](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 ➤ 2023

#### April

##### 15 [Sussex Amateur Radio and Electronics Expo](#)

Cheer Community Center  
20520 Sand Hill Rd.  
Georgetown, DE 19947

<http://www.radioelectronicsexpo.com/>

##### 29 [York Hamfest](#)

Elicker's Grove Park  
511 Roth Church Road  
Spring Grove, PA 17362

<http://yorkhamfest.org>

#### May

##### 7 [Warminster ARC Hamfest, ARRL Eastern Pennsylvania Section Convention](#)

Bucks County Community College-Lower Bucks Campus  
1304 Veteran Hwy (Rte.413)  
Bristol, PA 19007

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

##### 28 [Memorial Day Hamfest](#)

Howard County Fair Grounds  
2210 Fairgrounds Road  
West Friendship, MD 21794

## CLUB INFO

### PUBLIC SERVICE

### 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 \$10.00 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 2023

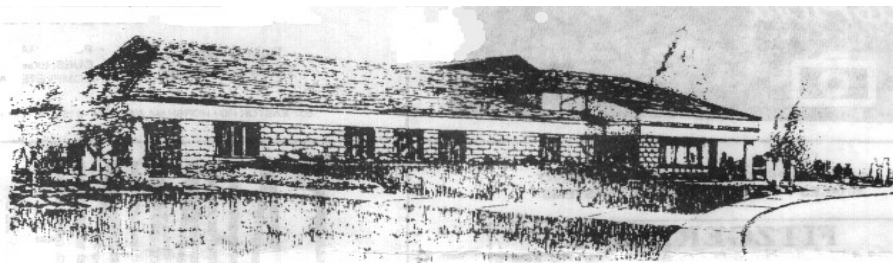
March - Club Auction

April - The Other Guys (Other Radio Services) by Mike Newman

May - Eric from Craven Hall, "Bucks County History"

June - The Life and Work of Philo T Farnsworth by Coxey Toogood

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 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
- 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

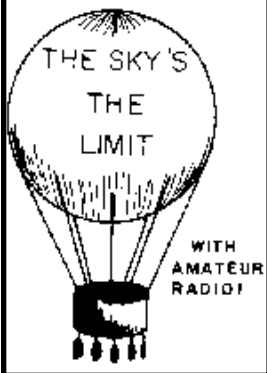
**6 Mtr**

- 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.

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 ?

**2023 Officers**

**Executive Officers**

President	Ray Oechslin	KA3TRU	267-269-3198
Vice-President	Dave McGowan	KC3RAT	215-850-5846
Secretary	Dan Myers	K3NXX	215-957-2343
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	
Digital and APRS	Ron Wenig	NY3J	215-638-9257
Feedback Editor	Jim Elmore	WA4YWM	215-538-1889
Field Day 23	Herb Hickmott	KB3VMN	267-718-3601
Hamfest 23	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	Brandon Penglase	N3UO	215-259-7255
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			