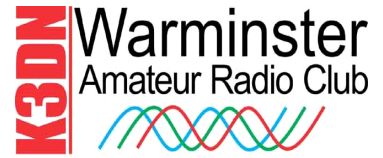




# FEEDBACK



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

Warminster Amateur Radio Club

October 2022

## Next Meeting October 6th -

### President's Message

Hello Everyone,

Well October is upon us and the cooler temperatures are here. As I write this Hurricane Ian has hit the Florida coast. There has been much devastation to the area and search and rescue activities are underway. The Hurricane Net has been activated and Amateur Radio on both the 20 meter and 40 meter bands. I was listening to the net control operators and was amazed by their professionalism and sincerity. They were handling damage reports and giving constant updates of the hurricanes movement. New amateur radio operators can learn just by listening and seeing the good and the bad of some operators. Unfortunately there were some operators on 40 meters that would give a class on what not to do while a net is in operation. There were some stations tuning up or just holding a key down over the net as well as some operators just saying random words disrupting the net. Why I don't know but as with every organization there are good people as well as bad people.

The month of October brings us some interesting contesting and events. The first weekend of October is the ARRL Simulated Emergency Test. This is a great way to learn just by listening. Toward the end of the month we have the Boy Scout Jamboree and the School Club Roundup that is active for the entire week. These are a great way to make contacts with our hobby's future. If you can remember the excitement of when you first got your license and got on the air and made your first contacts. Pay it forward and give that excitement to our newest operators. There are also some SSB and EME contests as well.

With Halloween approaching there will be many little ghosts and goblins roaming the streets. Please be on the look out for these tykes if you are driving. Let's keep them safe and sound.

I hope everyone has a safe and healthy October and maybe I will catch you on the air.

73's  
Ray – KA3TRU

### Warminster ARC General Meeting September 1st, 2022

Call to Order: 7:30pm

Attendance:

*Introductions. Hybrid meeting with 11 on Zoom, 9 In-person attendees.*

Minutes from last Meeting:

*Motion made and seconded to approve as submitted.*

Committee Reports:

Treasurer's Report: Tom (K3PLA) *As given*

Programs: Dave (KC3RAT)

*September - Power Poles, by Mike (K3MJN)*

Membership: Tony (W3FLH) *139 members on the roles with 116 in good-standing.*

Public Service: George (N3HBT)

*\* Oct. 8, 8:30am Golf Outing at Five Ponds Golf Course in Warminster. About nine radio operators needed.*

*\* Nothing yet heard from Craven Hall about the 5K Warminster Park Run.*

*\* Test equipment, etc. is available for members to use by signing out from the club station. See George.*

*\* October 16 Central Bucks Covered Bridges Bike Ride. SAG and support drivers needed as well as radio operators*

(Continued from page 1)

coordinating with county EMS personnel. If interested, please contact Dean Hedin (KC3JCT) at [KC3JXT@arrl.net](mailto:KC3JXT@arrl.net). More information is available at the Central Bucks County Bicycle Club web site: <https://cbbikeclub.org/covered-bridges/covered-bridges-ride>

\* The Philadelphia Red Cross is looking forward to getting more involved with the suburban counties emergency coordinators. Also, work has begun on the Bucks County EOC in Ivyland. For more information on either, contact Karl Harris at [K3KH@arrl.net](mailto:K3KH@arrl.net).

Classes: Dan (K3GMQ) & Dave (KC3RAT):

*Tech Class classes only; starting in the Fall 2022 on Monday nights at the BWSC, in the library.*

VEC Testing: Larry (WA3ELQ) No session in August. Next session, September 26 at the BWSC. A special thank you to all of the VE's for their help.

Repeater: Brian (N3EXA) All working well. Still looking for a center city Phila. input site.

Good and Welfare: Ken (K9KJL) nothing to report

#### Other Committees:

Hamfest: Tony (W3FLH) no report

Field Day: **LOOKING FOR A NEW CHAIRPERSON!**

Christmas Dinner: Due to ongoing Covid concerns, the board has decided to pass on having a 2022 holiday dinner gathering. Instead, it was suggested having a Zoom presentation (or hybrid) meeting about Bucks County history. Maybe a presenter from the Craven Hall historical group?

#### Old Business:

Club Station: Interest/Activity Up and running.

Elmer Program: Ongoing. Any ham, new or experienced, can contact a board member for help with their project.

Clean-up crew of WARC storage at BWSAC (Mike WJ3O): Waiting on the township to secure a contract with an HVAC company.

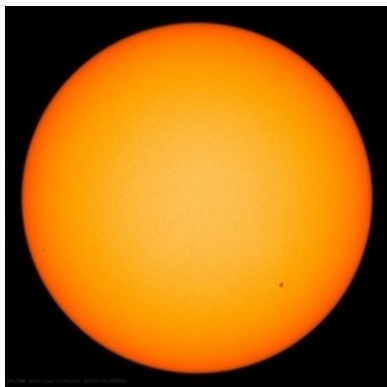
#### New Business:

Future Club Auctions with online as well as in-house. Scott Vogin (KB3ALX) will be taking in donations. For more information, contact Scott at: [Scott@alterationsguy.com](mailto:Scott@alterationsguy.com)

Motion to Adjourn: 7:55pm

Presentation: Power Poles, by Mike (K3MJN)

### The K7RA Solar Update



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

Sunspot activity rose this week, as the average daily sunspot numbers increased from 68 to 105.1.

But solar flux? Not so much. The average daily solar flux rose from 134.3 to 138.4.

So, the sunspot average rose 55% and solar flux rose only 3%. We usually expect the numbers to track closer.

Tuesday, September 27, had lots of geomagnetic activity, with the planetary A index at 24 and middle latitude at 33. At [www.spaceweather.com](http://www.spaceweather.com), blamed an unexpected CME for this activity. They also reported a huge sunspot beyond the sun's eastern horizon and a helioseismic image at

<https://bit.ly/3ftpTIN>.

The Australian Space Weather Forecasting Centre issued a geomagnetic warning at 2146 UTC on September 28, stating, "Geomagnetic 27-day recurrence patterns indicate that G1 geomagnetic activity is likely during the interval between September 30 and October 2. INCREASED GEOMAGNETIC ACTIVITY EXPECTED DUE TO CORONAL HOLE HIGH SPEED WIND STREAM."

Predicted solar flux is 135 on September 29; 130 on September 30 through October 1; 125 on October 2 - 3; 120 on October 4 - 5; 132 on October 6 - 7; 135, 130, 128, and 132 on October 8 - 11; 136 on October 12 - 13; 138, 140, 138, and 135 on October 14 - 17; 132, 130, 128, and 125 on October 18 - 21; 130, 140, 142, and 145 on October 22 - 25, and 140, 135, 130, 125, 128, and 130 on Oc-

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tober 26 - 31.

Planetary A index is predicted at 8, 20, 60, and 40 on September 29 through October 2; 20, 18, 16, and 10 on October 3 - 6; 8 on October 7 - 14; 10 on October 15 - 16; 8 on October 17 - 19; 12 on October 20 - 21; 8 on October 22 - 23; 10 on October 24 - 25, and 8 on October 26 - 27. Then, in a recurrent disturbance as the sun rotates into the same position as weeks earlier, 25, 50, 30, 20, 12, and 10 on October 28 through November 2.

Sunspot numbers for September 22 through 28, were 99, 111, 128, 96, 120, 110, and 72, with a mean of 105.1. The 10.7-centimeter flux was 136.7, 146.3, 146.5, 134.7, 135.1, 134.5, and 134.8, with a mean of 138.4. Estimated planetary A indices were 6, 12, 13, 7, 6, 24, and 5, with a mean of 10.4. Middle latitude A index was 5, 12, 10, 5, 5, 33, and 3, 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 Luetzelshwab, 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*

### Amateur Radio Operators Continue Response to Hurricane Ian

As Hurricane Ian made its way across Florida, and now heads toward South Carolina, amateur radio operators have continued to provide communications support for weather updates and requests for assistance.

The hurricane made landfall at 3:00 PM Eastern Time on Wednesday, September 28, 2022, just south of Tampa, Florida, as a Category 4 hurricane with winds of 150 miles per hour. Millions of residents are without power, and damage was reported as extensive along the storm's initial path. As of 5 PM ET on Thursday, the National Hurricane Center (NHC) reported that Ian is "taking aim at the Carolinas and Georgia with life-threatening flooding, storm surge, and strong winds."

ARRL Director of Emergency Management Josh Johnston, KE5MHV, has been in regular contact with ARRL Section Managers and Section Emergency Coordinators in Florida and throughout the southeastern US. Johnston said ARRL is also in touch with national-level partners, including FEMA and the Cybersecurity & Infrastructure Security Agency (CISA), should any requests for direct emergency communications via amateur radio be needed.

Johnston said many ARRL [Amateur Radio Emergency Service](#)® (ARES®) volunteers and their groups are involved across Florida, Georgia, and South Carolina. "Many ARES groups throughout Florida have been in a state of readiness since before the weekend," said Johnston. "These amateur radio volunteers are well-connected with their state and local emergency management partners in government and non-government organizations." Johnston also said that there are ARES members, at the request of the Florida Division of Emergency Management, serving in the state Emergency Operations Center. Many ARES groups are also operating in several shelter locations.

ARRL has previously deployed Ham Aid kits in the region. The kits include amateur radio equipment for disaster response when communications equipment is unavailable.

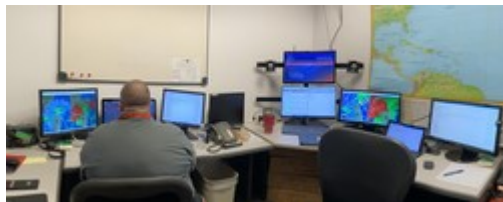
W1AW, the Maxim Memorial Station at ARRL's headquarters in Connecticut, has activated its Winlink station to handle PACTOR III and IV messages and traffic, as well as its SHARES station, NCS310.

"In our [ARRL's] experience, amateur radio's response will continue to play out, sometimes even more significantly, after the

(Continued on page 4)



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Orange County (Florida) ARES at the Orange County Emergency Operations Center, providing backup communications. Pictured is Emergency Coordinator John Knott, N4JTK [Assistant Emergency Coordinator Michael Cauley, W4ORL, photo]

storm passes and communities enter a period of recovery," said Johnston. "As needs are assessed, such as disruptions to power and communications, our ARRL Section leaders and ARES groups may receive additional requests for more activations and deployments."

Bobby Graves, KB5HAV, Net Manager for the [Hurricane Watch Net](#) (HWN), said the net is now transitioning from receiving weather data to gathering post-storm reports (read "[Hurricane Watch Net Update for Ian](#)," ARRL News, 9/29/2022).

"These reports include damage and areas that are flooded," said Graves. "This gives the forecasters additional information they need. Also, since FEMA has an office in the National Hurricane Center, they look over these reports to get a bigger picture of what has happened, which in turn helps them to get help and humanitarian assistance where it is needed."

Graves added that the HWN will be assisting with emergency, priority, and any Health and Welfare Traffic. The net may continue operations for days. The HWN will issue an after-action report to detail the number of amateur radio operators who participated on the net.

Assistant HWN Net Manager Stan Broadway, N8BHL, said they have been filing reports since September 26, 2022, and over 125 specific reports have been filed to the NHC from stations in the area. "We have handled other reports, not included in the database, for damage and other storm-related situations," said Broadway. "One such call involved a relayed report of a woman trapped in her home with a collapsed wall in the Ft. Meyer area. That report was relayed to Lee County Emergency Communications to dispatch a rescue team."

The VoIP Hurricane Net has been active as well. Director of Operations for the VoIP Hurricane Net and ARRL Eastern Massachusetts ARES Section Emergency Coordinator Rob Macedo, KD1CY, said the net will remain active potentially through 11:00 PM EDT on Thursday evening, supporting WX4NHC, the Amateur Radio Station at the National Hurricane Center in Miami, Florida. WX4NHC will be active through this period for as long as needed.

Use these additional links for more information:

[The Hurricane Watch Net - Useful Links](#)  
[VoIP Hurricane Net](#)

*Courtesy of the ARRL Newsletter*

### **Three Hams Make the Most of an Emergency Scenario**

Three members of the Central Ohio Severe Weather Network (COSWN) found themselves in an unanticipated situation last week as they arrived for their weekly weather net at their operations center in Columbus, Ohio.

Amateur radio operators Bradley Howard, KE8SVT; Brian Burley, KE8ANW, and John Ross, KD8IDJ, discovered they didn't have access to the COSWN operations center. All three are experienced operators who regularly carry handheld radios, or have radios mounted in their vehicles. In turn, they decided to treat this as an "emergency scenario" to simulate establishing an emergency communications network in the event of an actual emergency.

They went to their cars and accessed what equipment they had and what equipment they would need to set up an Emergency Operations Center (EOC) in the parking lot. They found three folding chairs and an empty 5-gallon bucket for a makeshift table. A mobile radio was pulled from its under-dash mount in Burley's car (connected to a trunk-mounted antenna) and set it on the table.

"We all were pretty amazed by how fast it came together -- about 5 minutes," said Ross. "Howard had copies of the scripts and procedures and we were able to get the net up and running on time." Disassembly only took 5 minutes.

Burley said he, too, was surprised by the setup speed and was glad he could help.

"I believe this underscores the importance of training and working in different scenarios, so we can always be ready for the unexpected," said Howard. "Our commitment to Central Ohio is to be ready when severe weather hits, and we will work to always uphold that responsibility."

(Continued on page 5)

All three now suggest different training opportunities to ensure COSWN is fully prepared.

*Courtesy of the ARRL Newsletter*

### **Amateur Radio Helps Disabled Sailboat to Port**

On September 7, 2022, Jeanne (Jan) Socrates, VE0JS/MM / KC2IOV, and her sailboat, the SV Nereida, set sail from Cape Flattery, the northwesternmost point of the contiguous US. She was on her way to visit friends in San Francisco, California, but 2 days of 35 knot winds and storms left her sailboat disabled and her onboard radio equipment marginally operational. Amateur operators in New Mexico, California, and Canada, and members of Group 7.155 heard her requests for assistance.

Gil Gray, N2GG, was able to contact Socrates on 40 meters. "Her power was extremely low, and she was unable to communicate on 14.300 MHz to notify the monitoring group on that frequency," said Gray. "She needed help with wind and sea conditions, and tidal data for San Francisco Bay," he added.

Low-power output on the HF radio made it very difficult to get Q5 copy, which would typically be Q2 or Q3. With the help of several software-defined radio (SDR) operators in Utah, California, and Maui, Hawaii, they were able to glean enough copy to understand her situation and answer questions for her navigation.



**Jeanne (Jan) Socrates, VE0JS/MM/ KC2IOV, and her sailboat, the Nereida.**

Gray; Jonathan Ayers, AI6NA, and Edwin E. Jenkins, K6EXY, are all experienced sailors. They were able to make periodic contact with Socrates and give her updated wind reports. Their last contact was on Monday, September 12, at 11:00 AM (MSDT). By this time, Socrates was sailing with only the forward sail on her 38-foot sloop. Fortunately, a "following wind" kept her moving without a mainsail. As she approached the Golden Gate Bridge, Socrates was able to use the tidal information passed on by amateur radio operators to make it safely to Berkeley Marina in San Francisco Bay.

"I wouldn't call it a rescue," said Socrates, "just good amateur radio assistance -- and I'm grateful for their help."

Socrates is 81 years old and the oldest person to have ever sailed around the world unassisted. Once her sailboat is repaired, she will sail again, not for records, but for the enjoyment of sailing the high seas.

Her situation is one of three events in early September in which amateur radio was able to provide emergency assistance.

More information about Socrates is available on her [Facebook](#) page.

*Courtesy of the ARRL Newsletter*

### **Hawaii "Big Wind" Drill Successfully Tests Emergency Radio Communications**

Makani 'Ino, Hawaii's big wind hurricane exercise on July 16, 2022, successfully tested amateur radio equipment and the skill of operators in a disaster environment.

Highlights of the drill included:

- Participation of 112 stations
- 256 Winlink traffic messages to served agencies
- 127 voice contacts from spokes
- 125 Winlink traffic messages from spokes

10 voice traffic messages to served agencies

The drill was designed to test the ability of amateur radio operators in establishing emergency communications during a wide-spread disaster. Makani 'Ino simulated severe infrastructure failure as a hurricane impacted every island's electrical power, internet service, and cell phone service. High winds, catastrophic rains, and storm surges on coastal lands produced flooding in many areas.



The timing of the drill could not have been better. Early in the morning on July 16, before the exercise began, Tropical Storm Darby was making a run toward the islands. The National Weather Service issued a Tropical Storm Warning, and the Hawaii Emergency Management Agency activated its Emergency Operations Center (EOC). While High Surf Warnings were issued throughout the weekend, the storm weakened and did not reach hurricane strength.

Hawaii Amateur Radio Emergency Service® (ARES®) Public Information Officer Michael Miller, KH6ML, said that not only were the numbers impressive, but participation in the exercise was excellent. "I was glad to see all of the participating agencies working well together, helping build leaders and train amateur radio operators," said Miller. "Also, a special thanks to the Hawaii Emergency Management Agency for a very engaged Emergency Operations Center," he added.

The next Hawaii ARES drill is the ARRL Simulated Emergency Test, which will involve an extreme tsunami. The event is set for October 1, 2022.

*Courtesy of the ARRL Newsletter*

### 104-Year-Old Ham is On the Air

ARRL member Oscar Norris, W4OXH, of Gastonia, North Carolina, will turn 105 on September 25, 2022, and he is still on the air.

Norris lost his sight when he was 24 in 1942, and it was his blindness that led him to amateur radio. He earned his license in 1949, and has been on the air for 73 years.

Tony Jones, N4ATJ, has known Norris since he was 14 and remembers the first time he met Norris. It was at a bicycle shop and Norris, blind, was still able to tear down a wheel, replace the spokes, and spin the wheel until it was balanced. Several years later, Norris gave Jones a book on how to earn an amateur radio license.

"Over the years, the book got misplaced," said Jones. "I would give anything to find that book today." Jones continued, "Oscar has the personality of one of the kindest people you would ever want to meet, and he never has an unkind word for anyone."

Norris communicates mostly using digital mobile radio (DMR) on a handheld radio, and he has been a member of the Gaston County Amateur Radio Society (GCARS), an ARRL Affiliated Club, since 1979.

In honor of his 105th birthday, GCARS members will be operating the special event station N1O from 00:01 UTC on September 20 through 20:00 UTC on October 1. Operations will be on the HF bands, 2 meters, 1.25 meters, and 70 centimeters. Modes used will be CW, SSB, FT4, FT8, DMR, and D-STAR.

For additional information, contact Jones at [n4atj@twc.com](mailto:n4atj@twc.com).

*Courtesy of the ARRL Newsletter*



Oscar Norris, W4OXH, with his guide dog, Neil, circa late 1940's.

### AMSAT Outlines Tracking for Artemis I Moon Mission using "Welcome" Beacons

When NASA's Artemis I rocket launches for its mission to the moon this month, [Ed. Note : Launch is now scheduled for a window of Nov. 12 - 27] you'll be able to track it using 70-centimeter beacons known as Outstanding MOon exploration TEchnologies demonstrated by NAno Semi-Hard Impactors (OMOTENASHIs).

Omotenashi is Japanese for welcome or hospitality, and it describes the 70-centimeter beacons as small spacecraft and semi-hard landers of the 6U [CubeSat](#) format which will demonstrate low-cost technology to land and explore the lunar surface. OMOTENASHI will be one of 10 CubeSats to be carried with the Artemis I mission.

Brian Wilkins, KO4AQF, says that with the Artemis Real-time Orbit Website (AROW), anyone with internet access can pinpoint where Orion is and track its distance from the Earth, its distance from the moon, the mission duration, and more. AROW is available on [NASA's](#) website and Twitter account. AROW visualizes data collected by sensors on Orion that are sent to the Johnson Space Center's Mission Control Center in Houston during its flight. It will provide periodic real-time data beginning about 1 minute after liftoff through the separation of the Space Launch System (SLS) rocket's Interim Cryogenic Propulsion Stage, approximately 2 hours into flight.

Once Orion is flying on its own, AROW will provide constant real-time information. On the web, users can follow AROW to see where Orion is in relation to the Earth and the moon, and follow Orion's path during the mission. Users can view key mission milestones and characteristics on the moon, including information about landing sites from the Apollo program. Also available for download will be an ephemeris, which provides trajectory data from the flight.

AROW will also provide a set of Orion's state vectors -- data that describes precisely where Orion is in space and how it moves -- for inclusion in

these tweets once Orion is flying on its own. These vectors can be used for data lovers, artists, and creatives to make their own tracking app, data visualization, or anything else they envision. For more information, read <https://www.nasa.gov/feature/track-nasa-s-artemis-i-mission-in-real-time/>.

AMSAT member Joe Fitzgerald, KM1P, adds a second online tool, called Horizons. The JPL Horizons online solar system data and computation service provides access to key solar system data and flexible production of highly accurate locations for solar system objects such as asteroids, planetary satellites, planets, the Sun, and select spacecraft. Horizons is provided by the Solar System Dynamics Group of the Jet Propulsion Laboratory.

Fitzgerald says to use "OMOTENASHI" as the Target Body. You can find information and the online app at <https://ssd.jpl.nasa.gov/horizons>.

-- Thanks to Brian Wilkins, KO4AQF; Joe Fitzgerald, KM1P; NASA; JPL Horizons, and AMSAT.

*Courtesy of the ARRL Newsletter*

### **Amateur Radio Makes the Connection to Save Lives in Wisconsin and Idaho**

The following two rescue stories are great examples of why amateur radio is important. The first story occurred in Wisconsin and is told by ARRL member Scott Strecker, KG9IV. In his own words, Strecker shares how he was able to help a ham in distress. Thanks to the Chippewa Valley Amateur Radio Club in Wisconsin, an ARRL Affiliated Club, for this information.

"It was Friday, September 2, 2022, which meant I worked from my home office. I have the VHF radios on low to monitor them in the background. Recently, I got into the Allstar node with a hotspot. I use it to monitor the FM38 systems (Allstar 2495) in the southern [part] of Wisconsin.

At about 7:45 AM, I heard the Allstar node come up. An individual in distress was asking for assistance to get an ambulance to him. It was a ham in Brown Deer, Wisconsin. He had slipped on his bathroom floor and went down so hard he could not get up, but he happened to have his handheld with him (don't we all). He did not have access [to the] phone, and he lived alone.

[I called the] Brown Deer police call center. The dispatcher got the fire department rolling and then started asking me for more details. I had the dispatcher on speaker phone, and he could hear the hams' responses to the questions. Being on a handheld and [lying] prone, the signal was, at times, noisy. At that time, both the other ham and I used ITU phonetics to get the exact info out. All those times practicing on the ARES® nets made it second nature. The dispatcher was also able to understand the info without my having to repeat it.

It felt good to help out. I also realized it was due to my monitoring that I was able to hear his call. If you are not participating in the weekly local ARES net, I would encourage you to do so when you can."

In addition to Strecker's story, newly licensed amateur radio operators Shannon Vore, KK7GVG, and CJ Bouchard, KK7GNG, also shared a rescue story. On September 3, 2022, in the Rocky Mountains in northwest Idaho, they were out for a weekend of four-wheeling in their Jeep. The area is an extremely mountainous region with no towns, very few people, no facilities, and no cell phone coverage. The nearest airfield is Horse Haven Trail, an unimproved dirt strip that's severely eroded and covered with rocks and debris.

At about 4:30 PM, Vore and Bouchard were taking a break when an approaching truck notified them of an ATV accident involving two teenage girls. The accident scene was just a few miles away, and when they arrived it was clear the teenagers were critically injured. Bouchard was unable to contact several local repeaters, but was finally able to make contact using a simplex frequency (146.420 MHz) that's popular with the hams in Coeur d'Alene, 20 miles from the accident site.

While Bouchard and an off-duty Emergency Medical Technician (EMT) were administering medical aid to the teenagers, Vore took over radio operations. The call for emergency assistance was picked up by local amateur radio operator John Tappero, K7JNT, who immediately called 911 and asked that 146.420 MHz be used only for emergency traffic. For nearly 2 hours, Vore and Tappero provided relay between the 911 dispatcher, advising the condition of the injured and the approaching weather. Life Flight Network was unable to respond because of a severe thunderstorm immediately over the rescue site.

Two teams of EMT's were dispatched, but due to the mountains and the storm, they couldn't communicate with dispatch. Tappero continued to provide relay information for all parties until 6:00 PM, when the EMT's arrived. The teenagers were in stable condition and immediately transported to the nearest hospital. Today, they're in good condition and recovering.

"It took us about 2 days to wind down from the experience," said Vore. "We are both glad we had our amateur radio licenses and were able to help."

Bouchard said that they had been using radios on the General Mobile Radio System (GMRS), but have since upgraded their licenses for more operating privileges. "Because the area signals were not good, it was difficult to communicate," he continued. "So, we studied, took our exams, and are now looking forward to much more amateur radio opportunities."

*Courtesy of the ARRL Newsletter*

## 2022 Contest Calendar

### October

#### 1-2 [Collegiate QSO Party](#)

October 1st 0000 UTC to October 2nd 2359 UTC

#### 17-21 [School Club Roundup](#)

1300 UTC Monday through 2359 UTC Friday

### November

#### 5-7 [Nov. Sweepstakes – CW](#)

2100 UTC Saturday and runs through 0259 UTC Monday.

#### 19-21 [Nov. Sweepstakes – Phone](#)

2100 UTC Saturday and runs through 0259 UTC Monday.

### QSO Parties

California	1600Z, Oct 1 to 2200Z, Oct 2
Nevada	0300Z, Oct 8 to 2100Z, Oct 9
Arizona	1500Z, Oct 8 to 0500Z, Oct 9
Pennsylvania	1600Z, Oct 8 to 0400Z, Oct 9 and 1300Z-2200Z, Oct 9
South Dakota	1800Z, Oct 8 to 1800Z, Oct 9
New York	1400Z, Oct 15 to 0200Z, Oct 16
Illinois	1700Z, Oct 16 to 0100Z, Oct 17

## 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 2022 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**, 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 ➤ 2022

### October 2 [CARAFest](#)

Howard County Fairgrounds  
221 Fairgrounds Road  
West Friendship, MD 21794  
<https://carafest.org/>

### October 8 [Hollywood Maryland 9th Annual TailgateFest](#)

Hollywood Volunteer Fire Department Huseman Room  
24801 Three Notch Road (MD Rte. 235)  
Hollywood, MD 20636  
<http://k3hki.org>

### October 16 [RF Hill Hamfest 2.0](#)

Bucks County Community College, Upper County Campus  
Fifth Street and Blooming Glen Rd.  
Perkasie, PA 18944  
<http://rfhillarc.club>

### October 22 [OktoberFest](#)

Vietnam Veterans of America  
8000 Derry Street  
Harrisburg, PA 17101  
<http://www.w3uu.org/oktoberfest/>



### CLUB INFO

#### PUBLIC SERVICE

**Oct. 8, 8:30am** Golf Outing at Five Ponds Golf Course in Warminster. About nine radio operators needed. Contact George, N3HBT.

**October 16** Central Bucks Covered Bridges Bike Ride. SAG and support drivers needed as well as radio operators coordinating with county EMS personnel. If interested, please contact Dean Hedin (KC3JCT) at [KC3JXT@arrl.net](mailto:KC3JXT@arrl.net). More information is available at the Central Bucks County Bicycle Club web site: <https://cbbikeclub.org/covered-bridges/covered-bridges-ride>

#### 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."

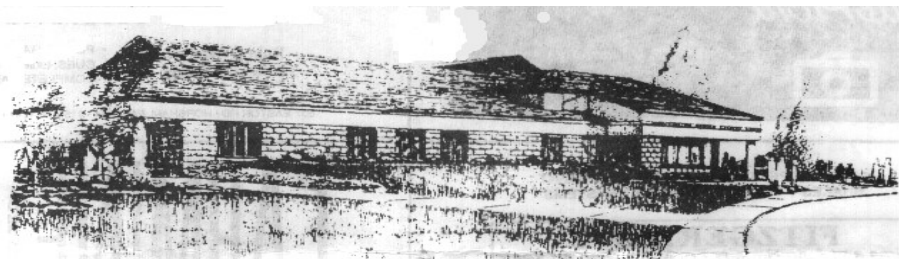
#### ATTENTION MEMBERS

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 2022

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:**

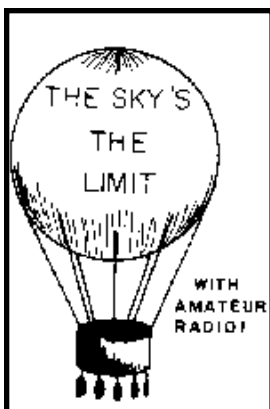
<https://www.weather.gov/phi/Info>

**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, Tony Simek N3YNH



*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.

**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  
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

**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:**  
**k3dn@k3dn.org**

**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 ?**

## 2022 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			
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			
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
Sunshine Club	Ken Lichtenstein	K9KJL	847-697-1188
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	Al Kanschak	WI3Z	215-491-9941
Youth Programs			