



FEEDBACK



Web Site k3dn.org

Warminster Amateur Radio Club

November 2021

Next Meeting Nov. 4th ZOOM ONLY - ARRL Night

PRESIDENT'S MESSAGE

Well, the sweatshirts and flannels are In, the swimsuits and flip-flops are Out, and as Van Morrison once sang, "All the leaves on the trees are falling..." – for those in Pennsylvania, that means Autumn is here! For us Hams, that means no shortage of reasons to get on the air! Cycle 25 is starting to show some life, there are special event operations taking place, DXpeditions are active, contest season is ramping up, and there's still ample opportunity for some portable operating from your favorite park or campsite.

Speaking of parks, the initiative started several years ago by ARRL (National Parks On The Air, or NPOTA) was such a well-received idea that it's been spun off into its own organization (POTA <https://parksontheair.com/>). Though no longer officially affiliated with ARRL, POTA is now independently run, and no longer limited to just US National Parks – in fact, they have begun adding parks from countries all over the world, meaning you can work POTA & DX in a single contact! There is a Facebook group dedicated to POTA, where you can get detailed information about the program, find activation schedules, and more.

Another great Fall event, and one with a much longer ham radio history, is November Sweepstakes, or SS for short. SS is broken down into two weekends: CW (Nov. 6-8) and Phone (Nov. 20-22). Both portions offer a chance to really hone your operating skills, as well as being a great time to work those states that are holding you back from earning your WAS plaque. Earning a "Clean Sweep" (working all of ARRL & RAC Sections, 84 in total) during SS is quite a feat, one which definitely garners the OP some bragging rights...

And of course, Fall is also the official "unofficial beginning" of contest season, with CQWW SSB on October 30 & 31, and CQWW CW on November 27 & 28. These are two of the "Big Four" contests, and will have stations on from almost every country, encompassing most DXCC entities, and offer a chance to literally work DXCC in a single weekend. Like I said earlier, plenty of reasons to get on the air!

I'll wrap it up there. I hope everyone remains in good health and good spirits, and don't forget to stay radio active!

Tony W3FLH

73

Warminster ARC General Meeting Minutes - October 7th, 2021

Called to Order: 7:30pm

Attendance:

No Introductions. (Zoom audience)

Minutes from September Meeting:

Motion made and seconded to approve.

Committee Reports:

Treasurer's Report: Herb (KB3VMN)

As reported

Programs: Ray (KA3TRU)

November- ARRL Night w/Tom Abernathy (W3TOM) & George Miller (W3GWM). Virtual presentation with virtual (Zoom) audience.

December- History of Bucks County Presented by the county's Recorder of Deeds. Virtual presentation with virtual (Zoom) audience.

(Continued from page 1)

January- *"Stump the Chump."*

Membership: Kathy (KC3FBY)

132 Members. New Member, Steve (W2SRH).

Public Service: George (N3HBT)

Hole in One Golf Course, 8:30am start. Four more operators needed.

Saturday October 16, 5K Run at Warminster Park. Meet at pavilion by 9:00am. 5K Run benefits Craven Hall.

Classes: George (KA3WXV)

Tech and General class in session. One student for General Class study. No one has yet taken advantage of the Mentor Program.

VEC Testing: Larry (WA3ELQ)

Next session, October 25. No preregistration required. Walk-ins welcome.

Two passed tech class license last session.

Repeater: Brian (N3EXA)

Everything is working. Lost input location in center city. Looking for a new input location in center city. If anyone knows of any available location, please contact Brian. Solid State transmitter working in shop and ready to go if/when needed.

Good and Welfare: Ken (K9KJL)

Nothing to report

Mike Malone (W3MJM) had a serious stroke. Mike is currently engaged in physical and mental therapy. He should be up and out on his own in four to six months.

Other Committees:

Radiosport: Irwin (KD3TB) PA and other State QSO parties, and CQ side-band.

Hamfest: Tony (W3FLH) Tony contacted the BCCC to see if the college is feasible and workable for the 2022 hamfest. Alternative locations will be looked at just in case. In either event, Tony says the club will have a hamfest in 2022.

Field Day: Doc (W3GAD) Tabled

Old Business:

Club Station: Interest/Activity (Marty NR3Z & Andy KD3RF) Tabled

Elmer Program: Ongoing. Please contact George (KA3WXV).

Annual Club Auction/Online [Board/Andy (KD3RF)]- Goes live October 4.

Auction launched and active. Email notices will be sent to the members. Must sign up with a credit card to register. There is 2.9% buyers premium that can be waved and paid by WARC instead. Auction runs until Oct 31. Winner bidders can pick up their items at the BWSC on November 7.

Reconvening In-person Activities/Upcoming meetings: T/B/D.

New Business:

None

Motion to Adjourn 8:05pm

Presentation: Contest University w/Tim (K3LR)

The K7RA Solar Update

Tad Cook, K7RA, Seattle, reports: Sunspot activity was up this week, with the average daily sunspot number increasing by nearly five-fold from 11.3 to 54.9. Average daily solar flux rose from 78.6 to 95.7. The sunspot number peaked on Tuesday at 95, and daily solar flux peaked on Wednesday at 110.9.

Geomagnetic indicators were quiet. Daily average of planetary A index went from 8.4 to 4.4, and average daily middle latitude A index declined from 5.4 to 3.6.

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FOR SALE

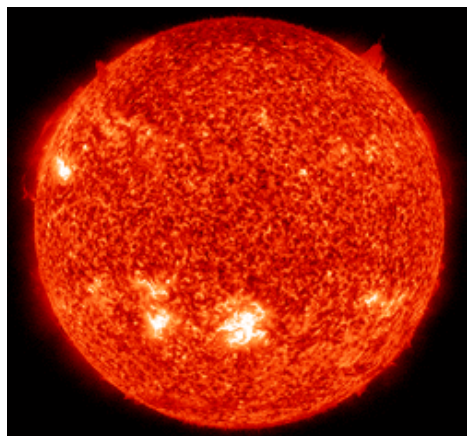
Drake TR-4C, RV-4C, AC-4 with Harbach modes by WB4HFN, Drake desk mic 7075, original Drake manual for TR-4C, a few spare Drake parts. All in excellent electrical and physical condition. New matched finals replaced a few years ago. No issues. Great back up set-up or set up for new ham.

ASKING: \$495 with local pick-up at my home or nearby local to be discussed.

Contact Bob Wilderman a WARC member at dlrwild1@verizon.net or 267-535-9189 cell

K3SRO

(Continued from page 2)



Predicted solar flux looks quite promising at 111 and 112 on October 28 - 29; 110 on October 30 - 31; 108 on November 1 - 3; 90 and 88 on November 4 - 5; 86 on November 6 - 7; 85 on November 8 - 9; 83 on November 10; 82 on November 11 - 15; 85 on November 16 - 20; 94 on November 21; 95 on November 22 - 23; 96 on November 24; 95 on November 25 - 29, and 92, 90, 88, and 86 on November 30 - December 3.

Predicted planetary A index is 5 and 8 on October 28 - 29; 10 on October 30 - 31; 5 on November 1 - 5; 12, 10, and 8 on November 6 - 8; 5 on November 9 - 14; 10 and 8 on November 15 - 16; 5 on November 17 - 22; 8 on November 23 - 24; 10 on November 25 - 26; 5 on November 27 - 28; 8 on November 29, and 5 on November 30 - December 2.

This weekend is the CQ World Wide SSB DX Contest. The CW weekend is November 27 - 28. ARRL November CW Sweepstakes is next weekend, November 6 - 8.

Sunspot numbers for October 21 through 27 were 11, 28, 32, 46, 81, 95, and 91, with a mean of 54.9. The 10.7-centimeter flux was 81.9, 86.9, 86.8, 93.2, 100.6, 109.3, and 110.9, with a mean of 95.7. Estimated planetary A indices were 7, 4, 3, 4, 5, 5, and 3, with a mean of 4.4. Middle latitude A index was 9, 3, 2, 2, 4, 3, and 2, with a mean of 3.6.

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.

Courtesy of the ARRL Newsletter

3Y0J DXpedition to Bouvet Island Confirms November 2022 Activation

The [3Y0J Bouvet Island DXpedition](#) team says that with its first deposit on its contract to have the SS *Marama* provide transportation to Bouvet, it has confirmed its plans to activate the second most-wanted DXCC entity in November 2022.

"It is a huge task and undertaking to go to Bouvet, and we still critically need additional upfront support to close the budget," said the amateur radio DXpeditions team of co-leaders Ken Opskar, LA7GIA; Rune Øye, LA7THA, and Erwann Merrien, LB1QI. The DXpedition announced that two more operators will join the adventure, taking the number to 13.

Dave Jorgensen, WD5COV, is an avid DXer and experienced DXpeditioner. He is vice president of the Intrepid-DX Group, which had hoped to mount a DXpedition to Bouvet before its plans broke down.

The second new team member, identified as Peter, is described as "an experienced captain and expedition leader." He will oversee the Zodiac landings and serve as a digital mode (FT#) operator.

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"Our preparation for Bouvet includes planning, constructing, and testing a system for landing Zodiacs safely, [and] this will be tested in rough sea in Norway before and after Christmas," the 3Y0J team said in its news release.

"We plan for safely landing the Zodiacs in different manners also with some swell, unmanned, and with less risk for operators. And we prepare for the event that Zodiacs are capsizing, and we still can retrieve the equipment. We have done the first prelim sea trials of the Zodiac equipment in Norway and will continue sea trials to further mature the concept."

According to the announcement, the team plans to use a gasoline-engine powered winch to lift equipment up a cliff to the operating site. This will also be tested in Norway. "We plan to access the 25-foot cliff with professional means and, if needed, prepare for climbing and bolting a short route to gain access."



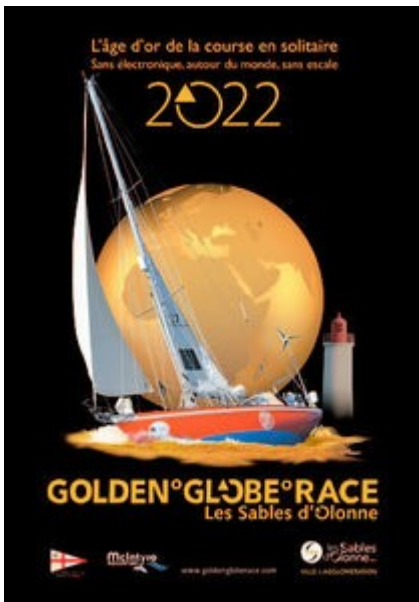
Bouvet Island. [Courtesy of the Norwegian Polar Institute]

The DXpedition has secured the services of experts having a lot of experience at and around Bouvet Island. "With all these upcoming events and the knowledge in the extended team, rest assured this will be a well-planned and well-executed project," the team said.

Follow the DXpedition team's plans from its website and the 3Y0J [Facebook](#) page.

Courtesy of the ARRL Newsletter

Golden Globe Sailing Race Entrants Banned from Using Amateur Radio



The use of amateur radio by participants in the 2022 - 23 Golden Globe Race (GGR) -- an around-the-world sailing competition -- has been banned. Race organizers put the restriction in place because of unlicensed use of amateur radio equipment in the 2018 - 19 event, *Yachting Monthly* [reported](#). In the 2018 - 19 race, Estonian skipper Uku Randmaa, ES1UKU, was penalized after seeking weather routing (the best route according to wind and weather conditions) via ham radio. While he [escaped disqualification](#), he did receive a 72-hour penalty. Randmaa received weather routing information from Bob McLeod, VP8LP, who advised Randmaa, "The more north you go, the quicker you get out of the wind hole."

The race rules say, "Entrants are free to speak to media, family, friends, and sponsors by radio at any time during the event, but must not be given any form of weather routing." But in the next sentence, the rules allow competitors to "communicate freely (by radio or by hailing) with other competitors, or other mariners on vessels at sea, requesting or giving any verbal information/advice whatsoever, even if this is considered weather routing."

The GGR rules that were spelled out in the [Notice of Race](#) require at least a 125 W marine MF/HF radio transceiver with a frequency range of at least 1.6 to 29.9 MHz, "fitted in a 100% watertight enclosure (able to be sealed in any storm) with permanently installed antenna and [ground] and an emergency antenna when the regular antenna depends upon the permanent Backstay."

The rules make clear that, "Any proven breach of International radio telecommunication regulations, such as transmitting on illegal maritime frequencies, may result in a time penalty. Ham Radio transmissions are specifically banned."

According to *Yachting Monthly*, the change has caused concern within the race community, "with some of the 2018 entrants highlighting difficulties in picking up Global Maritime Distress and Safety System (GMDSS) frequencies in the Southern Ocean due to the shrinking of the broadcasting network as more mariners rely on satellite communication."

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"This is a retro race with skippers restricted to using a sextant [a navigation instrument used to measure altitudes of celestial bodies], paper charts, and wind-up chronometers, just as Sir Robin Knox-Johnston used in the first *Sunday Times* Golden Globe Race 50 years ago," Race Chairman Don McIntyre has explained.

In the 2018 race, some GGR skippers who operated on ham radio frequencies using bogus call signs were asked to stop operating.

GGR monitors all severe weather with winds over 40 knots and, if appropriate, provides both forecasting and routing information to assist entrants in sailing safely.

Courtesy of the ARRL Newsletter



The approximately 30,000-mile GGR solo circumnavigation starts and ends in Les Sables-d'Olonne, France. It has four rendezvous "gates" along the way. [Maxine Heath image]

ARDC Grants to Fund Amateur Radio Project Expansions



Two recent Amateur Radio Digital Communications ([ARDC](#)) grants will benefit the Santa Barbara Amateur Radio Club ([SBARC](#)), K6TZ, and [Oregon HamWAN](#).

A \$35,550 grant will enable SBARC to construct an amateur radio station at the new Chrisman California Islands Center ([CCIC](#)) in downtown

Carpinteria, California, at the invitation of the Santa Cruz Island Foundation ([SCIF](#)). According to Levi Maaia, K6LCM, who is the K6TZ club call sign trustee, the station is scheduled to open in 2022. SBARC promotes education and training programs for anyone interested in ham radio. It also encourages and sponsors experiments in electronics and promotes the highest standards of practice and ethics in the conduct of communications.

The station will be prominently located near the CCIC main entrance. An interactive display will provide an overview of amateur radio communications and the role that amateur radio has played in the history of the islands.

When the station is not staffed, visitors can interact with it using a custom touchscreen that controls an interactive presentation on amateur radio and wireless technologies and their importance to mariners, aviators, scientists, and explorers who visit the rugged islands off the California coast. Webcams connected to the station via SBARC's microwave data network will offer visitors a view of the island's terrain in real time.

An [ARRL-Affiliated](#) club, SBARC already maintains open repeaters, data systems, and a club station in Santa Barbara County under the K6TZ call sign.



Oregon HamWAN has received an ARDC grant of \$88,000 to expand its digital communications network. The project aims to enhance amateur radio digital and emergency communications capabilities between Portland and Salem, Oregon.

The nonprofit plans to expand its digital communications network by deploying 12 network backbone distribution sites between the two cities. Eventually, the sites will connect to the Puget Sound Data Ring, which currently ex-

tends from Seattle to Vancouver, Washington. The network would allow emergency management personnel to communicate in the event of a disaster, such as a major earthquake, that disrupts telecommunications systems. In such cases, amateur radio operators will be able to quickly set up network nodes where they are needed to provide emergency communication via the Oregon HamWAN digital network. "This will be a game changer for emergency communications in the Portland area," said Herb Weiner, AA7HW, the Oregon HamWAN Project Leader.

"Deciding to fund [the] Oregon HamWAN project was an easy decision," said ARDC Grants Advisory Committee Chair John Hays, K7VE. "It is a well-organized and well-staffed project that uses multiple amateur radio technologies, such as the 44Net IP address space, 5 GHz radios, and proven software methodologies. It will provide a strong backbone network in Oregon and help preserve our microwave bands."

ARDC is a California-based private foundation that supports innovative amateur radio projects. The foundation makes grants for projects and organizations that follow amateur radio's practice and tradition of technical experimentation in both amateur radio and digital communication science.

Courtesy of the ARRL Newsletter

The Premiere of *NIGHT*, the Movie

During the Edmond (Oklahoma) Amateur Radio Society's ARRL Field Day 2021, Marcus Sutliff, N5ZY, spoke with visitors from John D'Aquino's Young Actors Workshop (YAW) and learned of their plans to make a short film in which amateur radio plays a role, and that they needed some help. The filming was to take place in Stillwater, Oklahoma, and they needed someone with film or video experience and someone who could serve as a technical advisor. Kevin O'Dell, N0IRW -- a member of the ARRL Public Relations Committee -- became involved in the project, and in short order, he was able to assemble radios and props, consult on the script, and get ready for a long day of filming.



The film's purpose is to give aspiring young actors a chance to hone their craft in a real movie environment. Thanks to the [Oklahoma Film and Music Office](#), they were able to shoot three movie shorts in Oklahoma. In the Camp Hollywood 2021 film *NIGHT*, the young actors mature as the movie progresses.

Ham radio provides a tenuous link to the outside world in the film mystery. (Note Kevin O'Dell's, N0IRW, QSL card at the upper left.)

The story begins on a day when the sun mysteriously has failed to rise. One character mentions firing up grandpa's ham radio. His younger brother reminds him that he once called ham radio "the dinosaur's internet," but now it could be one source of help or information. The actual internet is down, along with power, telephones, and apparently satellites. All the adults are conveniently absent. The ending will leave you hoping for *NIGHT 2*. The movie premiered recently and is [now available](#) on YouTube as a 34-minute short.

O'Dell stars as the ham radio voice of Colonel. He and Sutliff appear in the credits, so stay through the end.

O'Dell got a shout-out from ARRL Oklahoma Section Manager Mark Kleine, N5HZR. "Thanks, Kevin, for putting a great light on amateur radio," he said.

Courtesy of the ARRL Newsletter

The *WSJT-X* development team has announced the general availability release of *WSJT-X* version 2.5.1.



This release mainly contains improvements and repairs defects related to Q65 and JT65 when used with nonstandard and compound call signs. Those planning to use Q65 or JT65 to make weak-signal contacts involving a nonstandard call sign should upgrade to this version. Also included is a new feature for microwave aircraft scatter, as well as repairs for bugs detected since the general availability release of version 2.5.0. A complete listing of changes is available in the [Release Notes](#). Links to *WSJT-X* 2.5.1 [installation packages](#) for Windows, Linux, and Mac are available.

Courtesy of the ARRL Newsletter

2021-2022 Contest Calendar

November

6-8 [Nov. Sweepstakes – CW](#)

Begins 2100 UTC Saturday and runs through 0259 UTC Monday.

20-22 [Nov. Sweepstakes – Phone](#)

Begins 2100 UTC Saturday and runs through 0259 UTC Monday.

December

3-5 [160 Meter](#)

Begins 2200 UTC Friday, ends 1559 UTC Sunday. This is a forty-two hour period with no time limitation.

11-12 [10 Meter](#)

Starts 0000 UTC Saturday; runs through 2359 UTC Sunday

19 [Rookie Roundup–CW](#)

6 hours (from 1800 to 2359 UTC)

January

8-9 ARRL RTTY Roundup

15-16 North American QSO Party - CW

22-23 North American QSO Party - SSB

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 2021 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.

Philadelphia, PA, Testing is done on the 4th, non holiday Thursday of the month at the, Community Ambulance Association of Ambler, 1414 E Butler Pike, Ambler PA 19002 at 7:00 PM We also are testing on Saturdays at least once per quarter at 9:00 AM. For further information contact James McCloskey at jmccloskey@msn.com and by phone 215-275-2979.

Lansdale, PA Testing on the 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
Alt Contact: Jim, 610-287-5630

➤ ATLANTIC DIV. HAMFESTS

➤ 2022

April 23

[Delmarva Amateur Radio & Electronics Expo](#)

Cheer Community Center

20520 Sand Hill Rd.

Georgetown, DE 19947

<http://www.radioelectronicsexpo.com>

July 2

[Firecracker Hamfest, ARRL Pennsylvania State Convention](#)

Harrisburg Postal Picnic Grounds

1500 Roberts Valley Road

Harrisburg, PA 17101

<http://www.w3uu.org>

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.

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

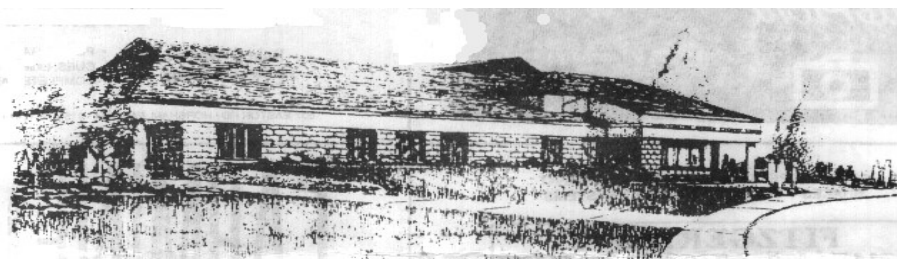
PROGRAMS 2021-2022

November – ARRL Night

December - History of Bucks County Presented by the county's Recorder of Deeds. Virtual presentation with virtual (Zoom) audience.

January- "Stump the Chump."

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>

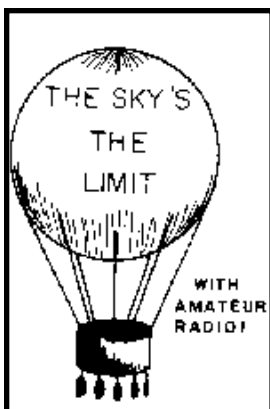
➤ CLUB EQUIPMENT

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

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: \$ 20.00
2nd FamilyMember: \$ 10.00
Student: \$ 10.00
Alumni: \$ 10.00

- Are your dues current ?

2021 Officers

Executive Officers

President	Tony Cuttone	W3FLH	267-679-9297
Vice-President	Ray Oechslin	KA3TRU	
Secretary	Dan Myers	K3NXX	
Treasurer	Herb Hickmott	KB3VMN	267-718-3601
Director (A)	Doug Becker	KC3MNQ	
Director (E)	Larry Abbott	WA3ELQ	215-704-3282
Director (A)	Mike Malone	W3MJM	215-639-2175
Director (E)	George Brechmann	N3HBT	215-443-5656
Past President	Marty Squicciarini	NR3Z	215-872-9644

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	George Altemus	KA3WXV	215-855-3856
Digital and APRS	Ron Wenig	NY3J	215-638-9257
Feedback Editor	Jim Elmore	WA4YWM	215-538-1889
Field Day 21	Doc Whitticar	W3GAD	215-968-6397
Hamfest 21	Michael Shanblatt	W3MAS	267-491-5773
Hamfest 21	Tony Cuttone	W3FLH	267-679-9297
Hamwear	Kathy Acker	KC3FBY	215-815-7978
Holiday Dinner	George Brechmann	N3HBT	215-443-5656
Membership	Kathy Acker	KC3FBY	215-815-7978
Net Manager	George Brechmann	N3HBT	215-443-5656
Publicity	Bernice Kraut	KB3PCX	215-884-8195
Refreshments	Brandon Penglase	N3UO	215-259-7255
RF Interference	Andy Vavra	KD3RF	610-287-3295
RF Interference	Bill Ballantine	K3FMQ	215-766-0764
Repeater Coordinator	Brian Taylor	N3EXA	215-257-6303
Safety Officer	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 Konschak	WI3Z	215-491-9941
Youth Programs	Steve Larson	WW3Y	215-822-1511



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