



FEEDBACK



Web Site k3dn.org

Warminster Amateur Radio Club

July 2022

Next Meeting July 7th -

PRESIDENT'S MESSAGE

Hello everyone. I am honored to be elected as the president of our club. While this is a new responsibility for me, I intend to do my best to keep our club going in the direction it is now going and also into the future. This is a very hard act to follow with our recent past president as well as the long list of our past presidents. I do promise to do my best and want the input of all of our members. Remember this is your club and I want to hear from you as to what you expect and what you would like to see from your club. This is not a one man show but a compilation of all members.

Field day has come and gone. We had a good showing and hope that all who participated had a great time and enjoyed the good weather. I do not have the totals yet, but I have a feeling we did pretty good. Thanks for all who stepped up with setting up, moving the equipment to and from the shrine. Also, a big thank you to Mark and his wife for the food service they provided.

As I am writing this, the vote for the budget FY 2022-2023 is ongoing. I ask every member to look at the proposed budget and to vote. This is how your club runs and every member should be aware of what it takes to do the activities we do as well as our club meetings.

The bands have had some great openings and DX is going strong. Of course, there are some days that the bands are not so great, but try to get on the air as much as you can. There are several contests and state QSO's upcoming and hopefully the contesters will get their awards they are pursuing and for those who are not into contesting you can still make many contacts and possibly achieve your DXCC or WAS awards from the ARRL.

I will bring this first message to the club to a close and wish all members and their families a happy July 4th and may your month of July be a healthy and enjoyable one. Hope to see and meet many of you at our in person meeting or on zoom.

Ray – KA3TRU

73's

Warminster ARC General Meeting June 2 2022

Call to Order: 7:35

Attendance:

Introductions: Hybrid meeting- 24 In-person attendees and 12 on Zoom.

Minutes from last Meeting

Motion made and seconded to approve as submitted.

Committee Reports:

Treasurer's Report: Herb (KB3VMN) *As reported.*

This was Herb's last club meeting as treasurer.

Programs: Ray (KA3TRU)

July- T/B/D

Membership: Dave (KC3RAT)

137 members, plus two new approved applicants.

Public Service: George (N3HBT)

Golf Outing, today. Nothing more until October.

Classes: Dan (K3GMQ) & Dave (KC3RAT) *Pending (Fall 2022)*

VEC Testing: Larry (WA3ELQ)

Two candidates successfully upgraded. Next session, June 27. No preregistration needed.

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Repeater: Brian (N3EXA) *All working*
Good and Welfare: Ken (K9KJL0)
* Fritz Fiesser (K3FHF) *wife passed away*
* Ron Small (WB2OOB) *passed away*
* Doc Morein (KA3RAU) *passed away*

Other Committees:

Radiosport: Irwin (KD3TB)
June 4th to 5th ARRL International Digital Contest
June 4th to 5th Kentucky QSO Party
June 11th to 13th ARRL June VHF Contest (50 Mhz and Up)
June 25th to 26th ARRL Field Day
Hamfest: Tony (W3FLH) *No report*

Old Business:

Club Station: Interest/Activity *Tabled*
Elmer Program: Ongoing *Tabled*
Clean-up crew of WARC storage at BWSAC: Mike (WJ3O)
* *Attic area cleaned out. T/B/D if we will get access back to the attic.*
* *Cabinets cleaned out of old food and sodas*
New laptop & T/B Drive for Club use: Ray (KA3TRU)
Board has put together a package for core uses. A proposal will be presented to the general membership for a new computer and T/B vs. Cloud.
New Member Chair: Tony (W3FLH) will nominate himself as a new chairman.

New Business:

Budget FY 2022-23. Board proposed a new budget.
Questions from members were addressed. Motion made and seconded to present the budget to the general membership. A quorum is needed so voting on the new budget will be done electronically. Not enough members attend during the general meetings to get a quorum.
Club Auction- Andy (KD3RF) *Looking for someone to take over the auction.*

Motion made to Adjourn: 8:00pm

Presentation: Field Day Prep- Doc (W3GAD)

The K7RA Solar Update



Tad Cook, K7RA, Seattle, Washington, reports:

Solar activity took a dramatic plunge over the recent reporting week (June 23 - 29), but geomagnetic activity stayed the same. ARRL Field Day weekend saw rising geomagnetic numbers, with the planetary A index at 8, 16, and 23, Friday through Sunday.

On Sunday, June 25, 2022, the geomagnetic activity was a problem, although not severe, with many stations on Field Day reporting increased absorption. The planetary K index peaked at 5 (a big number) at the end of the day on Saturday (UTC time) and continued into the early hours of Sunday, which was early Saturday evening on the West Coast.

This happened because of a crack in the Earth's magnetosphere, detailed here:

<https://bit.ly/3ONZdO9>

Compared to the previous 7 days, average daily sunspot numbers declined from 124.6 to 49.1, while average daily solar flux dropped from 140.5 to 105.3.

Planetary and middle latitude A index averages were both the same as the previous week, all numbers around 11.

[Photo courtesy of NASA SDO/HMI]

The prediction from the United States Air Force (USAF) 557th Weather Wing is not very optimistic, with solar flux peaking at 140

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on July 11 - 16.

The prediction shows 10.7-centimeter solar flux at 90 on June 30 and July 1; 95 on July 2; 105 on July 3 - 7; 130 on July 8 - 9; 135 on July 10; 140 on July 11 - 16; 135, 130, 125, and 120 on July 17 - 20; 115, 110, 105, and 100 on July 21 - 24; 95 on July 25 - 26; 100 on July 27 - 29, and 105, 110, 115, and 120 on July 30 through August 2.

Predicted planetary A index is 8, 10, and 8 on June 30 through July 2; 5 on July 3 - 7; 8, 8, 12, and 8 on July 8 - 11; 5 on July 12 - 13; 12 on July 14 - 16; 10 on July 17; 8 on July 18 - 21; 12, 15, 15, and 10 on July 22 - 25, and 5 on July 26 through August 4.

In Friday's bulletin, look for updated forecasts and observations emailed by readers to k7ra@arrrl.net.

Sunspot numbers for June 23 through 29 were 69, 60, 31, 33, 32, 71, and 48, with a mean of 49.1. The 10.7-centimeter flux was 121.4, 115.4, 108.1, 102, 98.2, 96.1, and 96.2, with a mean of 105.3. Estimated planetary A indices were 10, 8, 16, 23, 12, 8, and 6, with a mean of 11.9. Middle latitude A index was 12, 8, 14, 15, 15, 11, and 7, with a mean of 11.7.

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

Southern California Exercise Tests Winlink Global Radio Email

For 2 days in mid-June, over 100 amateur radio operators were joined by the United States Geological Survey (USGS), local and county law enforcement agencies, and the EmComm Training Organization (ETO) for participation in a functional earthquake exercise in southern California, known as SoCal Shifting 2022.

The goal of the exercise, which took place June 18 - 19, was to test the operational capability and readiness of the Winlink Global Radio Email® system using amateur radio frequencies.

Oliver Dully, K6OLI, District Emergency Coordinator of the Amateur Radio Emergency Service® (ARES®) Los Angeles Northeast District, said the exercise came together quickly over 5 days, with the help of the Los Angeles County Sheriff's Department Disaster Communications Service (DCS), the San Diego ARES, and the Ventura County ARES.

Dully said, "Amateur operators routinely hold weekly tests but need to be network-aware and used to the battle rhythm during emergencies to move traffic in [a] more timely manner."

The exercise scenario included a cluster of earthquakes occurring on June 18 at 10:18 AM Pacific Standard Time, and amateur radio operators were asked to send a series of messages ranging from a Did You Feel It (DYFI) report to a Field Station Report (FSR).

Dully said the exercise was a great success, stating: "Participants were only given a short 3 days' notice, so the great success of the SoCal Shifting 2022 functional exercise again demonstrates the value of regular, mission-focused training and collaboration."

Dully said the numbers from the final after-action report were outstanding:

- The ARES Los Angeles Northeast District tactical call sign received 372 messages from 101 participating stations during this exercise. Seventy-six of those stations sent all four messages, 16 sent three, the remainder sent two or fewer. The Winlink check-out was most often overlooked.
- Over 95% of stations correctly located themselves in North and Central America. Three stations missed a (-) sign in their longitudes in some (but not all) of their form submissions. Two stations elected not to send latitude and longitude. Over 95% entered the correct exercise name in the DYFI form. That was of special importance, as it helps USGS aggregate and analyze exercise data.

The exercise scenario and a brief after-action review are [available](#).

Courtesy of the ARRL Newsletter

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ARDC Grants Help Fund Elementary and College Projects

The California-based Amateur Radio Digital Communications (ARDC) foundation has issued two grants aimed at helping elementary schoolers and college students learn and experiment with amateur radio.

The first grant going to Science is Elementary (SiE) -- a 501(c)(3) non-profit organization -- will allow for the printing of "Jasmine and José Build a Radio," the next volume in the SiE series of books, which helps students solve problems using science. The grant also includes 2,240 kits for students, an onsite field trip for fourth graders, and all materials to help with the experiments. It is targeted for 7-year-old students and their families, including those with limited incomes, so that everyone can participate.

The "Jasmine and José..." story will find the pair visiting a friend who is an amateur radio operator. Intrigued with what they see and hear, they set out to build a radio of their own.

The kits will be distributed for free to students in Title 1 schools in the San Francisco Bay Area. The book, which is in English and Spanish, will be available for free as an online PDF. The field trips will allow students to work in teams using simple components to build a working radio.

The ARDC says these lessons track the Next Generation of Science Standards (NGSS), setting expectations of what students should know and be able to accomplish.

The second ARDC grant is to Bradley University in Peoria, Illinois. It will allow three recent graduates to complete their work, which will allow amateur radio operators to experiment in the 33-centimeter band.

The project is known as the DAEMod-915 and is being developed by Peter Handler, W9PLH; Connor Dickey, KD9LSV, and Philip Pierce, AC9YC. Their work, using digital protocols, will allow amateur radio operators, developers, or other educational institutions to experiment and build hardware or software for their own unique applications.

The 33-centimeter band is a 900 MHz section of the UHF band and is allocated on a secondary basis to amateur radio operators. Non-licensed users known as SIM (science, information, medical) can also use the band to develop applications and hardware for commercial uses.

Once the DAEMod-915 project is complete all the data and software will be available at <https://github.com/DAEMod-915>.

For additional information about ARDC, visit their website at ampr.org

Courtesy of the ARRL Newsletter

Large Radio Wave Data Collected by Amateur Radio Operators

Dr. Nathaniel A. Frissell, PhD, W2NAF, recently published a research article titled, "First Observations of Large Scale Traveling Ionospheric Disturbances Using Automated Amateur Radio Receiving Networks." Dr. Frissell is an assistant professor at the University of Scranton's Physics and Electrical Engineering Department. Supported by a team of researchers from NASA and the Ham Radio Science Citizen Investigation (HamSCI), he was able to observe the large waves for the first time. Volunteers from the amateur radio community collected the data. The waves are larger than the state of Texas and travel through the Earth's atmosphere faster than jet-powered aircrafts. They affect all forms of communication, including amateur radio. You can read the original research paper [here](#) or at the NASA Citizen Science Highlight [website](#)

Courtesy of the ARRL Newsletter

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FCC Proposes Record \$34,000 Fine for Alleged Interference and Unauthorized Transmissions During Idaho Wildfire

The Federal Communications Commission (FCC) has proposed a \$34,000 fine against Jason Frawley of Lewiston, Idaho, for allegedly interfering with radio operations of the U.S. Forest Service during firefighting activities for the Johnson Creek Fire near Elk River in July 2021. The FCC issued a *Notice of Apparent Liability for Forfeiture* ([NAL](#)) on June 8, 2022 to Frawley. The FCC states in the NAL that Frawley holds an Extra-class Amateur Radio Service license, WA7CQ, and is the owner/operator of Leader Communications LLC, licensee of eight microwave licenses and one business license.

The FCC alleged in the *NAL* that "On July 17, 2021, using his amateur hand-held radio, Frawley transmitted five (5) times, and on July 18, 2021, Frawley transmitted three (3) times on frequencies allocated and authorized for government use, apparently causing harmful interference with his apparently unlawful transmissions."

The frequencies with which Frawley is alleged to have interfered were being used to coordinate firefighting crews from the U.S. Forest Service and Idaho Department of Land to fight the 1,000-acre Johnson Creek Fire, including the communications between fire suppressant aircraft and ground crews.

The *NAL* includes details of the Forest Service's complaint and the FCC's investigation. On July 18, 2021, the Johnson Creek fire operations section chief drove to the Elk River airstrip and hanger where Frawley, who had disclosed his location, was found holding a radio next to a banner that read, "Leader Communications." Frawley admitted to transmitting on government frequencies and identifying himself as "comm tech." He argued that he was not trying to cause interference but instead was transmitting to provide information to the fire fighters.

"[A]t no time was I trying to disturb any other communications or air traffic. I was honestly just giving them information I had since I have been working on the butte since the early 90's . . ." wrote Frawley in his October 15, 2021 response to a Letter of Inquiry from FCC Special Counsel Laura Smith.

The FCC however concluded that "Frawley's admitted unauthorized transmissions on frequencies for which he did not have a license had the potential to cause substantial harm to life and property."

The FCC held that Frawley, by his own admission, apparently willfully and repeatedly violated the Commission's rules when he made eight separate radio transmissions on a frequency for which he did not have a license. The FCC stated that unauthorized transmissions on frequencies licensed to public safety entities using those frequencies to respond to emergencies also constitutes a violation of Section 333 of the Communications Act of 1934, as amended.

A [news release](#) from the FCC states that the fine is the largest of its kind proposed. "The Communications Act prohibits such interference with authorized radio communications and the Commission takes very seriously any interference with public safety communications," said the FCC. In a separate [statement](#), FCC Chairwoman Jessica Rosenworcel added, "You can't interfere with public safety communications. Full stop. So today we propose the largest fine of its type for this interference that put fire suppression and public safety itself at risk."



Leland Complex Johnson Creek Fire, July 21, 2021 [Photo courtesy of [inciweb.nwcg.gov](#)]

2022 Contest Calendar

July

9-10 [IARU HF World Championship](#)
1200 UTC Saturday and runs through 1159 UTC Sunday
16-17 **North American QSO Party, RTTY**
1800Z, Jul 16 to 0559Z, Jul 17

August

6-7 [222 MHz and Up Distance Contest](#)
1800 UTC Saturday and ending at 1759 UTC Sunday
6-7 **North American QSO Party, CW**
1800Z, Aug 6 to 0559Z, Aug 7
20-21 [10 GHz & Up – Round 1](#)
6:00 AM local Saturday through 12:00 midnight local Sunday
20-21 **North American QSO Party, SSB**
1800Z, Aug 20 to 0559Z, Aug 21
21 [Rookie Roundup – RTTY](#)
1800 to 2359 UTC

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.

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

July 30

[CVARC 2022 Hamfest](#)
CVAEMA Show grounds
1501 Cridders Church Rd.
Chambersburg, PA 17201
<http://w3ach.org>

August 6

[Reading Radio Club Hamfest](#)
Heritage Park
992 Clematis St.
Sinking Spring, PA
<http://www.qsl.net/w3bn/>

August 14

[Valley Forge Hamfest](#)
Kimberton Fire Company Fairgrounds
762 Pike Springs Rd.
Phoenixville, PA 19460
<http://marc-radio.org/hamfest2.htm>

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."

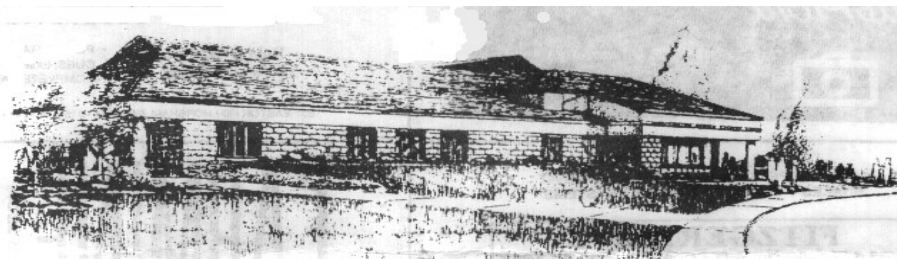
ATTENTION MEMBERS

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 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)**

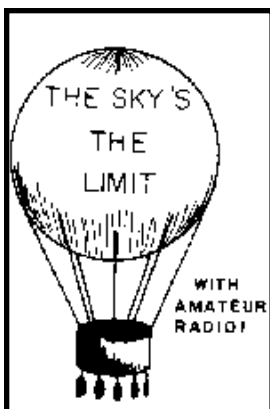
Fairless Hills, PA (many remote access locations throughout Bucks County)

Mount Holly NWSFO SKYWARN Homepage:

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

SKYWARN Basic Weather Spotter Educational Programs URL:

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



*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

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.

➤ 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

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

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	
Secretary	Dan Myers	K3NXX	215-957-2343
Treasurer	Tom Newman	K3PLA	
Director (A)	Doug Becker	KC3MNQ	
Director (E)	Larry Abbott	WA3ELQ	215-704-3282
Director (A)	Bruce Farrington	WA3ZPC	
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	
	Dan Clementi	K3GMQ	
Digital and APRS	Ron Wenig	NY3J	215-638-9257
Feedback Editor	Jim Elmore	WA4YWM	215-538-1889
Field Day 23	Doc Whitticar	W3GAD	215-968-6397
Hamfest 23	Michael Shanblatt	W3MAS	267-491-5773
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
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 Kenschak	WI3Z	215-491-9941
Youth Programs	Steve Larson	WW3Y	215-822-1511



Prudential
Bank

Prudential Bank
is proud to be a
Corporate Sponsor of the
Warminster Amateur Radio Club.



Prudential's Executive office is located at
3993 Huntingdon Pike, Suite 300,
Huntingdon Valley PA 19006.

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