



FEEDBACK



Web Site k3dn.org

Warminster Amateur Radio Club

May 2026

Next meeting May 7th - Homebrew Night

President's Message

Hamfest: Our annual Hamfest is Sunday May 3rd at the Lower Bucks campus of Bucks County Community College in Bristol, PA (Address - 1304 Veterans Highway Bristol, PA 19007). We will need volunteers on both Saturday and Sunday, for the following:

Saturday, May 2:

- Meet at the Ben Wilson Senior Center between 1:00 and 1:30 to gather the required club gear from the shed and transport to Bristol.
- We need volunteers at the Bristol campus by 3:00pm to help unload the club gear, as well as to help set up the tables. Fortunately again this year, the rental company will have already dropped off all of the tables by the time we get there, so we can start setting up as soon as we arrive.

Don't forget to bring utility gloves.

Sunday, May 3:

- The Big Event! We need volunteers on site by 5:30am to begin Gate and Parking duties (ostensibly at 6:00am, but there are always pushy patrons that want in earlier). It's critical that we have staff on site early to be sure we get off to a solid start, so your consideration here is greatly appreciated. Scott KB3ALX and Herb KB3VMN will be leading the effort on Parking attendees and vendors; I would be happy to have someone step up to take the lead at the Gate. We will need several people to assist, so we can give everyone a rest at some point during the morning.
- We will also need a few volunteers to staff the club table, with Bruce WA3ZPC and Karl K3KH leading there.
- Additionally, we will need to be sure that there are enough VE's to assist Larry WA3ELQ for the test session.

We will need volunteers on site around 11:00 AM to help tear down the tables and load the club gear.

Hamfest Frequencies:

- Main 147.550
- Parking 147.575

Board Nominations: The success of our club depends on you, we are actively seeking nominations for the 2026-2027 Board, if you are interested or want to nominate someone please contact Scott Vugin (scott@alterationsguy.com) or Dave McGowan (mcgowan2@comcast.net). All positions are open:

- President
- Vice President
- Secretary
- Two Elected Directors

Presentations:

- May 7th - Home Brew Night
- June - Pizza Night/Field Day prep

If you have any ideas or are willing to give a presentation please contact Scott Vugin (KB3ALX) at scott@alterationsguy.com
Dave, K3FTD

(Continued from page 1)

FOR SALE

Astron AS-50 M power supply for sale \$400.00. Sells for \$592.00 at DX Engineering. Box opened to verify contents only. This was given to me by the XYL of a silent key and I have no use for it.

Herb, KB3VMN

Minutes from the April 2nd Meeting

Call to order at 1932 PM Scott Vogin presiding.

Introductions: Attendance 35

Minutes from last Club Meeting: Accepted as presented- motion carried.

Committee Reports:

- **Treasurer's Report:** Tom K3PLA -through 2/28
 - As published; no comments.

- **Programs:** Dave K3FTD -
 - Apr – Hamfest Preparations (date Sunday May 3rd)
 - May – Homebrew Night
 - Jun – Pizza night, Field Day Preparations

- **Membership:** Tony W3FLH -
 - As published; no comments.?

- **Repeater:** Brian N3EXA
 - Brian gave a summary of recent updates and changes. Also mentioned possibly adding an internet hot spot to the repeater site.

- **VE Testing:** George N3HBT –
 - Four out of four candidates passed.
 - Next session Monday 4/27, 7:00 PM. There will also be a test session during the Hamfest on May 3rd

- **Public Service:** George N3HBT –
 - wo things pending are the Warminster Memorial Day parade and the golf outing.

- **Club Station Status:** - George N3HBT -
 - Club station is up and running.

Old Business:

None

New Business:

(Continued on page 3)

(Continued from page 2)

Nominations:

Nominations are now open for all elected board positions- Contact Scott Vugin if interested.

ARRL Night:

The President of the Pack Rats Radio Club was in attendance and invited all members to join them on 4/16 at the Senior Center for ARRL night. David Minster and our new division manager as well as the director of field services at ARRL will be attendance.

Business meeting adjourned at 1945 PM

Speaker: Tony W3FLH

Topic: HamFest Preparations

- Jacek, Dean and Tom volunteered to meet at the center on Saturday 5/2 @1300 to load gear to take to the college. Herb will coordinate
- Others are needed to meet at the college by 3 PM to unload and help place tables
- Members are needed to be on site at 0530 Sunday morning to man the gate, handle parking (Herb, Tom and Scott to coordinate)
- Members are needed to relieve those who came in early
- Members needed to help break down around noon, transport back to the center.
- Marianne F. will be on site to help with snacks and drinks, etc. It was suggested we ask for a donation and not charge for the food/drink as we don't want to run afoul of the Healthy Department for not having a certified food handler on site.

Annual Armed Forces Day Crossband Test Next Month

The Department of Defense will host this year's Armed Forces Day (AFD) Crossband Test on May 9, 2026. This annual event is open to all licensed amateur radio operators and will not impact any public or private communications. For more than 50 years, military and amateur stations have taken part in this event, which is an interoperability exercise between amateur and government radio stations.

The AFD Crossband Test is a unique opportunity to test two-way communication between military communicators and radio amateurs as authorized in 47 CFR 97.111. These tests provide opportunities and challenges for radio operators to demonstrate individual technical skills in a tightly controlled exercise scenario.

Military stations will transmit on selected military frequencies and will announce the specific amateur radio frequencies monitored. All times are in UTC and all frequencies are upper sideband (USB) unless otherwise noted.

An AFD message will be transmitted with the Military Standard (MIL-STD) Serial PSK waveform (M110) followed by MIL-STD Wide Shift FSK (850 Hz RTTY) as described in MILSTD 188-110A/B. Technical information.

The AFD Defense Message will be sent at 1400Z and 2000Z on the frequencies designated as follows:

MIL-STD-110/RTTY 13,963.5 kHz USB
MIL-STD-110 14,438.5 kHz USB
MIL-STD-110 14,484.0 kHz USB
MIL-STD-110 14,512.5 kHz USB
MIL-STD-110 14,463.5 kHz USB
MIL-STD-110 20,994.0 kHz USB
CW 14,375.0 kHz USB
MIL-STD-110/RTTY/CW 14,476.0 kHz USB
MIL-STD-110/RTTY/CW 14,383.5 kHz USB

QSL cards and other information are available via the Army MARS (Military Auxiliary Radio System) website

Courtesy ARRL Newsletter

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Helping NASA Track Artemis II's Orion Spacecraft

The University of Pittsburgh's Panther Amateur Radio Club (PARC) had a unique opportunity last week...helping NASA track Artemis II's Orion spacecraft on its mission to the moon and back!

Faculty advisor Juan Manfredi, NAØB, said the club responded to a request from NASA to submit a proposal. "We submitted our proposal in September 2025 and were notified in November that our proposal was accepted," said Manfredi. "But the real challenge was just beginning and we needed to gather the equipment, test it, and make sure we could make contact."

For their part, the club's members needed to find and track a carrier signal from the spacecraft. Usually, a 9-meter dish antenna would be needed, but with help from the university's Department of Electrical and Computer Engineering (ECE), they were able to purchase a 1.2-meter dish and a software-defined radio (SDR).

Manfredi said there were two final challenges. "Because of our location, we needed to be on the roof of our building between 4 and 6 AM every day. And, because we are located in the Northern Hemisphere, we only had about a 20-degree window to acquire the signal."

In all, five club members took turns and were able to acquire the spacecraft signal on the second and fourth days of the mission. The information was recorded and is still being analyzed.

For the club members, what was their reaction to this opportunity? "Fantastic!" said Manfredi. "Twenty years from now, they may not remember who taught them calculus but will remember cold nights and mornings at 4:00 AM on the roof tracking a spacecraft."

The PARC is 111 years old and received its first experimental license, 8YI, in 1915. It is an ARRL Affiliated Club.
Courtesy ARRL Newsletter

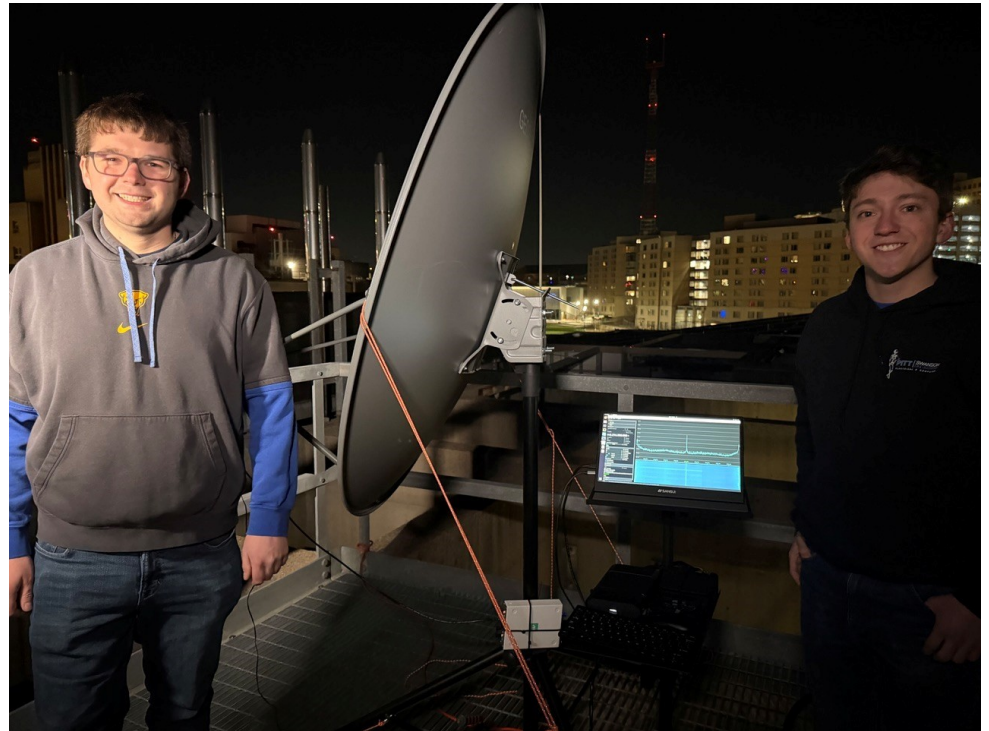
"Football/Futbol on the Air" Amateur Special Event

Amateur radio will be carrying the ball this year for soccer — known in the rest of the world as football or futbol — to coincide with the FIFA World Cup 2026™. The tournament and unaffiliated ham radio event will run June 11 to July 19, 2026.

As players from around the world compete in the stadiums, amateur radio operators will be looking for contacts during this "Football/Futbol on the Air" special event. Teams of hams will be on the air calling CQ from same 16 World Cup host cities where the matches will be played throughout North America, starting with the first match in Mexico City on June 11, and ending with the final match in New York/New Jersey on July 19.

The host cities, like the teams, are truly international: three are in Mexico, two are in Canada, and the remaining eleven are in the United States. With a roster of 48 football teams, this is the largest international tournament to date.

Many of the amateur stations will be using 1x1 call signs such as W5C, operating CW,



From left to right, Panther Amateur Radio Club hardware expert Jake Wendt, KC3NBE, and software expert Sawyer Mervis (no call yet) on the roof with the equipment to track Artemis II's Orion spacecraft. [Photo courtesy of Jaun Manfredi, NAØB]



SSB, and the digital modes on HF and VHF as band conditions allow. Others will have longer special-event call signs that can be found on the website, along with a full-color display of the various QSL cards that are available. Each of these QSL cards is collectible and available upon request after a successful contact. There will also be a wildcard “bonus” station using the call sign WC5WC.

A downloadable multi-city certificate will be available with endorsements at various levels. Host city stations are planning to be on the air on the day of their cities’ matches, but many will also operate at different times during the tournament.

If your ham radio station is near one of the North American host cities, consider joining one of the teams. Visit the special-event website and fill out the form under the “VOLUNTEER” tab at the top of the screen.

Organizing the amateur radio special event had its beginnings in a very local moment. Earlier this year, the Lake Whitney Amateur Radio Society in central Texas was faced with scaling back its big plans for Winter Field Day after a major ice storm struck the region. Ron Franklin, AA5HK, who is the soccer event coordinator, said that after that greatly downsized Winter Field Day, a number of club members were still primed for a big-scale activation. With the World Cup matches coming to Dallas, the opportunity presented itself. Members secured support from the group president, Robert Tear, N9KGL. The outreach then began to hams in other host cities, including those in Canada and Mexico.

Football/Futbol on the Air begins at 0000 UTC on June 11, and ends at 2359 on July 19. For more details, visit www.wc2026ses.org or email info@wc2026ses.org.

Thanks to ARRL Member Caryn Eve Murray, KD2GUT, for the information in this story.

Courtesy ARRL Newsletter

ARISS Outlines Opportunities for Space Station Contacts in 2027

The Amateur Radio on the International Space Station (ARISS) program is seeking formal and informal educational institutions and organizations, individually or working together, to host an amateur radio contact with a crew member on board the ISS.

Crew members will participate in scheduled amateur radio contacts. These radio contacts are approximately 10 minutes in length and allow students to interact with the astronauts through a question-and-answer session.

ARISS anticipates that the contact would be held between January 1 and June 30, 2027. Crew scheduling and ISS orbits will determine the exact contact dates. To maximize these radio contact opportunities, ARISS is looking for organizations that will draw large numbers of participants and integrate the contact into a well-developed education plan.

The deadline to submit a proposal is May 22, 2026, 11:59 PM Pacific Time. Proposal information and necessary details are at ariss-usa.org/proposal-overview/.

An ARISS Introductory Webinar session will be held April 30 at 8 PM ET. The Zoom link to sign up is: us06web.zoom.us/join/9d9dxzRkmYfVroIP0nWA.

An ARISS contact is a voice-only communication opportunity via amateur radio between astronauts and cosmonauts aboard the space station and classrooms and communities. ARISS contacts afford education audiences the opportunity to learn firsthand from astronauts what it is like to live and work in space and to learn about space research conducted on the ISS. Students also will have an opportunity to learn about satellite communication, wireless technology, and radio science. Because of the nature of human spaceflight and the complexity of scheduling activities aboard the ISS, organizations must demonstrate flexibility to accommodate changes in dates and times of the radio contact.

Amateur radio organizations around the world, with the support of NASA and space agencies in Russia, Canada, Japan, and Europe present educational organizations with this opportunity. The ham radio organizations’ volunteer efforts provide the equipment and operational support to enable communication between crew on the ISS and students around the world using amateur radio. Please direct any questions to education@ariss-usa.org.

Amateur Radio on the International Space Station (ARISS) is a cooperative venture of international amateur radio societies and the space agencies that support the International Space Station (ISS). In the United States, sponsors are ARRL The National Association for Amateur Radio, Amateur Radio Digital Communications (ARDC), Radio Amateur Satellite Corporation (AMSAT), NASA’s Space Communications and Navigation program (SCaN) and the ISS National Lab—Space Station Explorers.

Courtesy ARRL Newsletter



2026 Contest Calendar

May

30-31 CQ WW WPX Contest, CW

0000Z, May 30 to 2359Z, May 31

June

6-7 [Intl Digital Contest](#)

1800 UTC Saturday, ends 2359 UTC Sunday

13-15 [June VHF](#)

1800 UTC Saturday, ends 0259 UTC Monday

20 [Kids Day](#)

1800 UTC through 2359 UTC

27-28 [Field Day](#)

1800 UTC Saturday and running through 2059 UTC Sunday

QSO Parties

Indiana 1500Z, May 2 to 0300Z, May 3

Delaware 1700Z, May 2 to 2359Z, May 3

New England 2000Z, May 2 to 0500Z, May 3 and 1300Z-2400Z, May 3

Arkansas 1400Z, May 16 to 0200Z, May 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 2026 test fee is \$15.00.

Warminster Amateur Radio Club, Monthly, Last Mon. 7:00 pm at the Wilson Senior Community Center 580 Delmont Avenue Warminster, PA 18974 George Brechmann (215) 443-5656.

Atco, NJ, The fourth (4th) Tuesday of each month, at 7 p.m. Winslow Township Senior Center, 33 Cooper Folly Road, 08004-2603.
Mark (K2AX) jtra@comcast.net

Levittown, PA, Monthly, 1st Wednesday at 6:30. Levittown Library

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 3rd, non holiday Monday of the month at the Giant Supermarket, 315 York Rd., Willow Grove, 19090 at 6:30 PM in the Community Room. For further information contact James McCloskey at jmccloskey@msn.com 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 ➤ 2026

May 3 - [Warminster ARC - Annual Hamfest, ARRL Eastern Pennsylvania Section Convention](#)

Bucks County Community College-Lower Bucks Campus
1304 Veterans Highway (Route 413) Bristol, PA 19007
<http://wp.k3dn.org/hamfest/>

May 9 - [Hamfest at the Shore](#)

Surf City Fire Department 713 Long Beach Blvd. Surf City, NJ
<http://www.obarc.org>

May 24 - [Maryland F.M. Association Hamfest](#)

Howard County Fair Grounds 2210 Fairgrounds Road West Friendship, MD 21794
<http://marylandfm.org>

June 13 - [Bloomsburg Hamfest](#)

Lime Ridge Community Center 6405 4th Street Lime Ridge, PA
<https://www.qsl.net/cm-arc/hamfest.htm>

June 21 - [Baltimore Amateur Radio Club Father's Day Hamfest/Expo](#)

Arcadia Carnival Fairgrounds 16020 Carnival Ave., Upperco, MD 21155
<http://w3ft.com/hamfest-drone-rc-plane-robotics-demo/>

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 \$12.50 annually and are approved by the Board. Please contact the Membership Committee for more information if interested."

ATTENTION MEMBERS

The Membership Committee can provide Club badges. Two types are available: an engraved plastic callsign and name badge for \$8 or a free, laminated plastic, photo ID badge/card. The photo id badge is included with your membership. Pictures for the club badge will be taken before club meetings on even numbered months. If you do not have at least a Warminster Amateur Radio Club badge with your picture on it, please contact your Membership Chairs at the WARC monthly meetings. Otherwise, please contact Membership by email at: membership@k3dn.org.

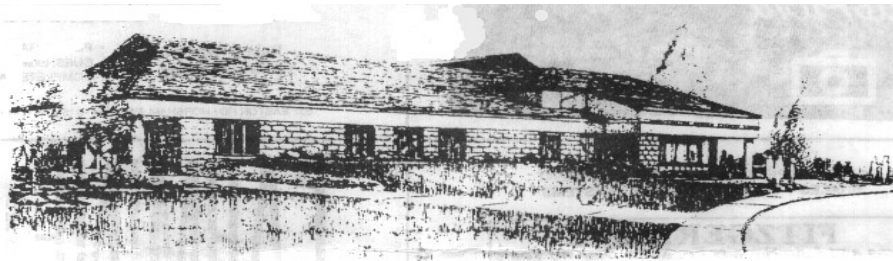
If you want to have your picture taken to be placed on the 'Members' Photos' section of the www.k3dn.org website, please contact Membership with your interest. When we get enough people who are interested we will post a notice in Feedback and have a camera ready at the following club meeting.

PROGRAMS 2026

May – Homebrew Night

Jun – Pizza night, Field Day Preparations

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, Scott Vogin KB3ALX

*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 Bueggers
- 147.030 Phil-Mont
- 147.090 Warminster
- 147.270 Frankford
- 147.300 BEARS
- 147.390 CBRA

220

- 224.580 PackRats
- 223.76 K3NAL

UHF

- 442.650 DVRA
- 443.250 TAG
- 443.050 Metro-Comm
- 443.950 Warminster
- 444.200 BEARS
- 447.475 WR3B
- 448.225 Penn Wireless
- 444.759 RF Hill Analog/
Fusion

D-STAR

- 146.61000 K3PDR DV
- 445.18125 K3PDR DV
- 445.01875 AA3E Montco
RACES

6 Mtr

- 53.030 WA3BXW
- 53.230 N3DQZ
- 53.320 K3MFI

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.

K3DN CONTROL OPERATORS:
 GEORGE BRECKMAN N3HBT *
 BRUCE FARRINGTON WA3ZPC
 BRIAN DIETRICK N3QBZ
 *STATION TRUSTEE

CHARLES SCHMELL KS3Z
 BRIAN TAYLOR N3EXA

Are you submitting an article for the Feedback ?

Contributions of articles to be published are always accepted for consideration. Please follow these guidelines:

- E-Mail to:
wa4ywm@comcast.net
Or via snail mail to:
FEEDBACK EDITOR
Warminster Amateur Radio Club
Box 113
Warminster, Pa 18974
- Use both upper and lower case letters.
- Use your program's spell check.
- If you don't have a computer, then typewritten sheets are o.k, but please use both upper and lower case.
- Put your name and call at the beginning or end of the article, and show credits if you are using material from another source.
- Deadline for articles is the Saturday before the regular meeting.

For general club correspondence:

WARMrinfo@gmail.com

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 ?

2026 Officers

Executive Officers

President	Dave McGowan	K3FTD	215-850-5846
Vice-President	Scott Vogin	KB3ALX	
Secretary	Tony Simek	N3YNH	215-796-0336
Treasurer	Tom Newman	K3PLA	215-630-5965
Director (A)	Doug Becker	KC3MNQ	215-932-1370
Director (E)	Herb Hickmott	KB3VMN	
Director (A)	Bruce Farrington	WA3ZPC	215-262-4215
Director (E)	George Brechmann	N3HBT	215-443-5656
Past President	Ray Oechslin	KA3TRU	267-269-3198

Committee Chairpersons

ARES/RACES Liason	Karl Harris	K3KH	215-264-1855
ARRL Liason			
Awards Manager	Vince Pironti	KD3TC	215-674-0446
Classes	Dave McGowan	KC3RAT	215-850-5846
	Dan Clementi	K3GMQ	267-337-0392
Digital and APRS	Ron Wenig	NY3J	215-638-9257
Feedback Editor	Jim Elmore	WA4YWM	267-373-8227
Field Day 26	Herb Hickmott	KB3VMN	267-718-3601
Hamfest 26	Tony Cuttone	W3FLH	267-679-9297
Hamwear	Kathy Acker	KC3FBY	215-815-7978
Holiday Dinner	George Brechmann	N3HBT	215-443-5656
Membership	Tony Cuttone	W3FLH	267-679-9297
Net Manager	George Brechmann	N3HBT	215-443-5656
PA QSO Party	Mark Kempisty	AA3K	
Publicity	Herb Hickmott	KB3VMN	267-718-3601
Refreshments	Arlene Newman	KA3PLA	215-345-4539
RF Interference	Bill Ballantine	K3FMQ	215-766-0764
Repeater Coordinator	Brian Taylor	N3EXA	215-257-6303
Safety Officer	Mike Malone	W3MJM	215-639-2175
Station Trustee	George Brechmann	N3HBT	215-443-5656
Good and Welfare			
Township Liason	George Brechmann	N3HBT	215-443-5656
VE License Testing	Larry Abbott	WA3ELQ	215-704-3282
VHF/UHF/MW	George Altemus	KA3WXV	215-855-3856
Website Coordinator	Kathy Acker	KC3FBY	215-815-7978
Youth Programs			