



W3UU NEWSLETTER

— DECEMBER 2023 —

Club Officers:

PRESIDENT:

Terry Snyder, WB3BKN
WB3BKN1@gmail.com

VICE PRESIDENT:

Chuck Maletich, KA1YSR
ka1ysr@outlook.com

SECRETARY:

Frank Aponte, K3FXA
k3fxa@frankaponte.com

TREASURER:

Frank Aponte, K3FXA
k3fxa@frankaponte.com

LICENSE TRUSTEE:

David Dormer, KC3MG
dddormer@gmail.com
(non-elected position)

EQUIPMENT TRUSTEE:

Terry Snyder, WB3BKN
WB3BKN1@gmail.com

Committees:

WEBMASTER: W3UU.ORG

Rick Taylor, K2RBT
webmaster@w3uu.org

EMCOMM:

Robert Saber, K3RTS
k3rts1@gmail.com

MEMBERSHIP:

Tim Lehman, W4NKC
w4nkc.hv@gmail.com

NEWSLETTER EDITOR:

Curt Sanders, K3URT
newsletter@w3uu.org

ELMER TIME COORDINATOR:

Steve Shoemaker, KC3VPJ
steve7shoe@gmail.com

HAMFESTS & REPEATER:

Terry Snyder, WB3BKN
WB3BKN1@gmail.com

NET OPERATIONS:

Curt Sanders, K3URT
k3urt@w3uu.org

VE TEAM LEADER:

Tim Lehman, W4NKC
w4nkc.hv@gmail.com

QST: NEXT MEETING is
**WEDNESDAY, 13TH
DECEMBER,**
1830~2030L at the
Vietnam Veterans of America Capital Chapter
542, 8000 Derry Street, Harrisburg, PA.

All are welcome!

ELECTION* Meeting:

The following have thrown their hats into the ring for the 2024 election cycle:

President: Terry, WB3BKN

Vice President: Chuck, KA1YSR

Secretary: Frank, K3FXA

Treasurer: Frank, K3FXA

Equipment Trustee: Terry, WB3BKN

* As per club Constitution of 1 July 1946, amended 11 August 2004, Section I.

Others are welcome to place their names into the hat, but must be a paid-up club member and present at the meeting.





The Harrisburg Radio Amateurs Club Inc., [HRAC] formed 1 July 1946, as an association of individuals commonly interested in amateur radio, based in Harrisburg, Pennsylvania. It is an ARRL affiliate club.

At the end of World War II, many veterans returned to the Harrisburg area trained and used radio communications in the military. It soon became a common factor among local hobby enthusiasts. Fifty-eight charter members developed the original constitution and bylaws for the club. In 1960, HRAC became a non-profit corporation in Pennsylvania.

The club continues to promote amateur radio in the area in many ways. HRAC is involved with young people by helping with scouting's JOTA activities and promoting amateur radio with school clubs and organizations.

Since 1949, members have provided communications for the American Red Cross in Harrisburg for Dauphin County and Pennsylvania Emergency Management. In addition, we conduct periodic training sessions for emergency responders.

HRAC has three hamfests throughout the year: July's **Firecracker Hamfest** / Eastern Pennsylvania Section Convention is always the Saturday before the first Sunday in July. During the convention, you may hear special event station W3UU from the hamfest tailgating area. We set up and operate W3UU to demonstrate amateur radio and invite operators to join in and make contacts. Second: **Oktoberfest**. Third: the well attended **WinterFest** in January is an indoor tailgate fest.

HRAC Club calendar 2023-2024:

December	13th, club meeting ELECTIONS; COOKIE EXCHANGE.
.....	16th, license testing (see page 4).
January 2024	10th, club meeting.
.....	13th, WinterFest
.....	27-28th, Winter Field Day
February	7th, club meeting "Hamfest" at a the Peach Tree restaurant + "Ham of the Year Award"
.....	17th, license testing (see page 4)
March	13th, club meeting.
April	10th, club meeting.
.....	19th, license testing (see page 4).
May	10th, club meeting
June	12th, club meeting
.....	22-23, Field Day!

Time to JOIN or RENEW your membership to HRAC! See the last page of this newsletter for the application.

— Club station W3UU —

Repeater Frequency:
146.760 MHz, minus .600 MHz offset.

Repeater CTCSS Tone:
100.0 Hz (Encode/Decode)

Weekly Net: Wednesdays at 1900L, except 2nd Wednesday of the month.

Website: W3UU.org

FaceBook: www.facebook.com/Harrisburg-Radio-Amateurs-Club-208171495915056/

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Please NOTE: underlined words in the newsletter are "hot" linked to emails and external websites. HRAC is not responsible for their content or performance. URL's are verified a few days prior to publication.

HAM HISTORY —100 years ago—

PROTECT your RADIO

USE THE CORWICO VULCAN LIGHTNING ARRESTER

Built on a New Principle to Dissipate Accumulated Static Charges

The Corwico Vulcan Lightning Arrester not only protects your radio set against lightning, but also dissipates accumulated static charges, thus improving reception.

Any radio protected by a Corwico Vulcan Lightning Arrester that is damaged by lightning will be repaired by us up to a cost of \$100.

AT ALL DEALERS

Or Direct Upon Receipt of Price

CORNISH WIRE CO.
36 Church Street, New York City

MAKERS OF CORWICO BRAIDITE HOOK UP WIRE

Advertisement, Radio News, Jamaica, NY, Vol. XI, No. 6, December 1923, p. 568.

Harrisburg Radio Amateurs Club News

★ **WEDNESDAY NIGHT NET:** Would you like to have an opportunity to operate the HRAC Weekly Net on the W3UU repeater?

Open to licensed HRAC members, the HRAC Weekly Net is held every Wednesday evening except the 2nd Wednesday of the month (club meeting night at 1830L). Topics range from club business and events, "Swap and Shop," and general information regarding amateur radio at large.

If you are interested in serving as Net Control, don't hesitate to get in touch with Curt: K3URT@w3uu.org Get on the air! If we get a cohort of volunteers, the duty will be spread out on a rotating basis.

★ **"MEMBER SPOTLIGHT"** will feature a member from the HRAC community. A short bio with pre-questions like how you got into ham radio and your motivation. The editor will send you a final copy before publication. Please respond if tapped as the selected featured member. (*Thanks to Mike KD3MAD for the suggestion.*)

★ **MEMBERSHIP MANAGER, Tim W4NKC**, reports at the November 2023 meeting, there a new member to add to the roster.

★ **ELMER TIME** coordinator **Steve, KC3VPJ**, is looking for folks to step forward to inform and educate. No experience is necessary! Contact: steve7shoe@gmail.com

November Elmer Time was presented by **Terry, WB3BKN**, on band edges and their importance. Terry based his presentation from "Keeping Your Signal Where It Belongs" by Joel Hallas, W1ZR (SK), former ARRL QST Technical Editor.

NEXT: **WinterFest 2024**, Saturday, 13 January. Indoor • refreshments • gear • see page 8 of this newsletter.

NEXT: annual **HamFeast 2024**, Wednesday, 1st February. Peachtree Restaurant. See page 9 of this newsletter.

Did You Know?

Pennsylvania has 3.2% of the nations licensed amateur radio operators:

275.....	Novice
10,598.....	Technician
6,349.....	General
1,288.....	Advanced
5,578.....	Extra
.....	Total: 24,088.

— www.arrl.org/fcc-license-counts
as of 2 December 2023.

Time to JOIN or
RENEW your
membership to
HRAC! See the
last page of this
newsletter for
the application.

QUA HRAC? Send to: newsletter@w3uu.org

Deadline for the DECEMBER newsletter submission is by end of business day, Wednesday, **3 January, 2024.**

EMCOMM:

Dauphin County, PA
ARES/RACES



MEETING & NEWS

Bob Saber, K3RTS, Dauphin County ARES Emergency Coordinator and RACES Radio Officer announces in-person meetings are on the **4th Thursdays of the month at 1900L**. *The November and December meetings are cancelled due to the holidays.*

CONTACT:

☑ k3rts1@gmail.com

☑ ares.harrisburgpa@gmail.com

☑ **Dauphin County ARES Training Net:** every Monday at 1900L on 145.110 (W3ND, PL 131.8; emergency alternative: W3ND, 448.075, PL 123.0).

☑ **Facebook:** www.facebook.com/profile.php?id=100067020090800

☑ **YouTube channel:** www.youtube.com/@dauphincountyares-races1195

- The **Sunday, 5 November 10th - and final - Annual Swatara 5K Hero's Run** is history. Dauphin County ARES/RACES provided auxiliary communications. Participating were:

Bob K3RTS, Chuck KA1YSR (also a runner in the contest); Curt K3URT, Frank K3FXA, Mike KD3MAD Kendra, KZ3KBD, and Peter KI0EF. No incidents of note and great weather made it a pleasant experience.

Dauphin County ARES/RACES is not affiliated with any club — but all are welcome!

LOCAL AREA NETS (All times are local)

MONDAYS

- ◆ 1900: @145.110 MHz, 131.8 Hz Tone, FM, W3ND, **Dauphin County ARES/RACES** Training Net.
- ◆ 2000: @146.970 MHz, 123.0 Hz Tone, FM, W3HZU **Keystone VHF Club** net, York.
- ◆ 2030: @146.460 MHz, 67 Hz Tone, +1 MHz offset, FM, N3TWT **South Mountain Radio Association** net, Mt. Holly Springs.

TUESDAYS

- ◆ 1900: @146.970 MHz, 123.0 Hz Tone, FM, W3HZU **Keystone VHF Club** Digital Net.
- ◆ 2000: @147.315 MHz, 82.5 Hz Tone, FM, K3LV, **Lebanon Valley Society of Radio Amateurs**, Emergency Net.
- ◆ 2100: @145.230 MHz, 114.8 Hz Tone, FM, K3IR **Southern Pennsylvania Radio Club** net.

WEDNESDAYS

- ◆ 1900: @146.760 MHz, 100.0 Hz Tone, FM, **Harrisburg Radio Amateurs Club Information net**, W3UU (except second Wednesdays - meeting night).
- ◆ 1930: @146.865 MHz, 123.0 Hz Tone, FM, Red Lion, W3ZGD, **Hilltop Transmitter Association** "Spikes and Frogs" railroad hobbyist net.
- ◆ 2000: 28.400 MHz, simplex net, USB, **Cumberland Amateur Radio Club** (except 3rd Wednesday)
- ◆ 2000: @145.210 MHz, 123.0 Hz Tone; FM, KA3TKW **Shingara Digi Trivia** net.
- ◆ 2100: @145.110 MHz, 131.8 Hz Tone, FM, W3ND, **Central Pennsylvania SkyWarn™** net

THURSDAYS

- ◆ 2030: @145.270 MHz, 74.4 Hz Tone, FM, N3TWT, **FM Allstar Echolink** net.
- ◆ 2100: @145.390 MHz, 118.8 Hz Tone, FM, W3AD **Lancaster Transmitting Society** net.

FRIDAYS

SATURDAYS

- ◆ 2030: 146.580 MHz, simplex, FM, Lancaster County.

SUNDAYS

- ◆ 0730: 3.583 MHz, PA-NBEMS, Thor22 and MFSK32.
- ◆ 0800: 3.9935 MHz, **PEMA statewide Auxiliary Communication Service**, LSB. First Sunday of the month only.
- ◆ 0830: 3.9935 MHz, **Central Pennsylvania Auxiliary Communication Service**, LSB.
- ◆ **NEW** 1000: 7.068 MHz, **Mid-Atlantic NBEMS Training net**, Thor22. <https://groups.io/g/MidAtlanticNBEMS>
- ◆ 1900: 146.490 MHz, simplex net, FM, **Cumberland Amateur Radio Club**
- ◆ 2000: @146.640 MHz. 85.5 Hz Tone, FM, AA3RG **Appalachian Amateur Radio Group** net.
- ◆ 2000: @145.210 MHz, 123.0 Hz Tone; FM, KA3TKW **Shingara Tech** net.
- ◆ 2030: @ 147.120 MHz. 100.0 Hz Tone; FM, W3ACH **Cumberland Valley Amateur Radio Club** net.
- ◆ 2100: www.w3nd.org **Central PA Repeater Association** DMR net.

DAILY

- ◆ 1700: 3.918 MHz, LSB, **Eastern PA Traffic** Net.
- ◆ 1900: 3.585 MHz, CW, **The Dave Heller K3TX Memorial Pennsylvania Traffic Net (PTN)**.
- ◆ 1945: @147.015 MHz, 118.8 Hz Tone, FM, W3RRR **Lancaster County Welfare Net**; **Red Rose Repeater Association**.

® = repeater. Members: Add or update your favorite regional net!

LICENSE TESTING: HRAC LAUREL VE

Affiliated with the **Laurel Volunteer Examiners (VE)**, HRAC conducts testing in **February, April, June, August, October, December**, and other announced times. Sessions begin at 0900L at the announced location. **Tim Lehman** is the Team Leader.



We require:

- ◆ pre-registration for exams to ensure that we have the level of staffing necessary to conduct an exam.
- ◆ your **FCC Federal Registration Number (FRN)**.
- ◆ a valid email address **in advance** of registering for an upcoming exam.

Registration form and information is at the club's website: www.w3uu.org/license-exams/. (Registrations can be made online up to the Friday before test date by **end of business day**.)

Testing is FREE *

**The next test session is
Saturday, 16 December, 2023, at:
Harrisburg Vietnam Veterans
of America, 8000 Derry St.,
Harrisburg, PA
promptly beginning at 0900L.**

**Laurel VE Testing is FREE; however, you are responsible for applicable fees to the FCC. "While applicants for a new license will need to pay the \$35 FCC application fee, there will be no FCC charge for future upgrades and administrative updates, such as a change of mailing or email address. Most current licensees, therefore, will not be charged the new FCC application fee until they renew their license or apply for a new vanity call sign." — ARRL, 4/4/2022.*

October 2023 test results:

We administered four tests: two Technician, two General; with two Technician successes, one General upgrade, one failure (pending FCC approval and applicable fees paid).

A "Job Well Done" to the VEs who made it happen:

Frank, KB3PQT	Curt, K3URT
Tim, W4NKC	George, AC3EA
Alex, KC3SXJ	

NEWS • COMMUNIQUE • MESSAGES • DISPATCHES • QST • REPORTS • TALK

*Digital bands to become more crowded?***FCC ADOPTS RULES TO MODERNIZE AMATEUR RADIO SERVICE AND FOSTER INNOVATION**

“WASHINGTON, November 13, 2023—The Federal Communications Commission today adopted new rules to incentivize innovation and experimentation in the amateur radio bands by removing outdated restrictions and providing licensees with the flexibility to use modern digital emissions.

The Report and Order adopted today eliminates the baud rate limitation—the rate at which the carrier waveform amplitude, frequency, and/or phase is varied to transmit information—in certain amateur radio bands. Instead, the Commission establishes a 2.8 kHz bandwidth limitation in the applicable amateur radio bands. The changes will enable the amateur radio community to operate more efficiently, including in support of emergency situations when appropriate, and foster experimentation, which is a core principle of the amateur radio service.

The FCC also adopted a Further Notice of Proposed Rulemaking which proposes and seeks comment on the removal of the baud rate – sometimes called the symbol rate—limitation in the VHF and UHF bands and in the 2200 meter and 630 meter bands, which the Commission allocated for amateur radio use after it released the Notice of Proposed Rulemaking in 2016. It also seeks comment on the appropriate bandwidth limitation for the 2200 meter band, the 630 meter band, and the VHF/UHF bands.” — <https://docs.fcc.gov/public/attachments/DOC-398409A1.pdf>

“Based on our review of the record, we now agree with ARRL and other commenters that a 2.8 kHz bandwidth limit strikes the right balance between operational flexibility and spectrum reuse. Accordingly, we adopt a 2.8 kilohertz bandwidth limitation in place of the baud rate limitation applicable to the following amateur radio bands: 160 meter band; 80 meter band; 40 meter band, segments 7.000–7.100 MHz and 7.100–7.125; 30 meter band; 20 meter band, segment 14.00–14.15 MHz; 17 meter band, segment 18.068–18.110 MHz; 15 meter band segment 21.0–21.2 MHz; 12 meter band segment 24.89–24.93 MHz; and 10 meter band, segment 28.0–28.3 MHz.” — <https://docs.fcc.gov/public/attachments/FCC-23-93A1.pdf>

Free Amateur Extra Class preparation begins on Zoom.

The Westchester Emergency Communications Association Extra Class preparation class begins on Tuesday, 9 January 2024, from 1900 to 2115 EST.

The class runs on Zoom for ten weeks.

https://drive.google.com/drive/folders/1_1X75dUj3Fw0sPohRBezSEbZedRA6iHx

If you would like to upgrade to Amateur Extra, please contact Larrie Sutliff, W2UL, at education@WECA.org so you can **register** and receive additional information.

The General License class will begin in March of 2024. — *Thanks, Glenn, K3SWZ!*



**ARRL Eastern
Pennsylvania
(EPA) Section**

epa-arrl.org

Bob Wilson, W3BIG,
Section Manager

Signals, the section newsletter will be published in early January, 2024, on a bimonthly basis. Submit articles of interest to w3big@arrl.org

1. Articles should be related to amateur radio. They do not have to be of a technical nature. Human interest stories, articles about operations, public service or other events are always a good choice.

2. When writing stories for publication, keep your articles brief and on topic. Try to avoid jargon unless it helps to explain concepts or details.

3. Avoid flowery or excessive verbiage. Plain language is always preferable.

4. Include full names and call signs of individuals named in articles. Double check the spelling of names and places.

5. When taking pictures for articles, action photos are much more interesting than static line-ups of people. Compose your photos to include faces of people doing something.

6. When photographing people outside, employ your camera's fill-flash. This will fill in the harsh shadows from bright sunlight and show more detail. Even your cell-phone camera has a fill-flash function. On that subject, your cellphone camera will take great photos. You do not need an expensive DSLR.

7. When submitting photos, include full information for captioning. Names, call signs, locations and other details are important. Identify individuals listing them from left to right.

ARRL Atlantic Division

www.atldiv.org

Bob Framiglio, K3RF, Director

The division consists of ARRL Sections Delaware, Maryland/DC, Southern New Jersey, Western Pennsylvania, Eastern Pennsylvania, Northern New York, and Western New York.

W3UU The Harrisburg Radio Amateurs Club, Inc.

President – Terry [WB3BKN], Vice-President – Chuck [KA1YSR]



MINUTES OF THE November 8, 2023 MEETING

MEETING CALL TO ORDER: The Wednesday, November 8, 2023, meeting of the Harrisburg Radio Amateur's Club, Inc. was called to order at 1835L by the President, Terry [WB3BKN], at the Vietnam Veterans Association Building, 8000 Derry St, Harrisburg, PA 17111.

INTRODUCTIONS by name and call-sign: eleven individuals were present and introduced themselves briefly.

SECRETARY'S REPORT: October 2023 Minutes were opened for comments, questions, and corrections. Motion to Accept the Secretary's Report as published in the October 2023 newsletter by Tim [W4NKC], and seconded by Chuck [KA1YSR]. The attending membership approved the Meeting Minutes by voice vote.

TREASURER'S REPORT: Presented by Curt [K3URT] as Frank [K3FXA], unable to attend. Motion to Accept the Treasurer's Report by Tim [W4NKC]; second motion by Rick [K2RBT]; attending membership approved by voice vote.

LICENSE TRUSTEE REPORT:

- Terry [WB3BKN] reported that there has been no news of complaints filed with the FCC.
- The club is looking for a new License Trustee, please let a Club Officer know if you are interested. This is a non-elected position.

EQUIPMENT TRUSTEE REPORT:

Terry [WB3BKN]. The club moved into a larger unit at the storage place and Terry [WB3BKN] has placed some storage shelves in the unit.

LAUREL VE COMMITTEE: Lead VE Tim [W4NKC] reported that the next testing date is Saturday, December 16th at 0900L. Individuals must register by end-of-day the Friday before. Please arrive by 0830L in order to get checked in so that testing can start promptly at 0900L. The testing location is the Vietnam Veterans Association Building, 8000 Derry St, Harrisburg, PA 17111. Tim also reported on the test results of the last session.

REPEATER COMMITTEE: Terry [WB3BKN] reported that there are no changes or new developments with the W3UU repeater to report.

MEMBERSHIP COMMITTEE: Membership Chair Tim [W4NKC] reported one new member from last month.

- **Reminder:** renewal of your membership starts January 2024. Tim will be sending out reminder notices in December 2023.

NEWSLETTER COMMITTEE: Curt [K3URT] reported that the next newsletter article deadline is by the close of business day, Wednesday, December 6th. Please send newsletter articles to newsletter@w3uu.org

WEB PAGE COMMITTEE:

- Webmaster Rick [N2RBT] requested suggestions for the w3uu.org website.
- It is suggested moving the site from the current host to a new one by March 2024, and will further investigate.
- The website needs a SSL certificate which he hopes to remedy in the near future.

EMERGENCY COMMUNICATIONS – Chuck [KA1YSR] reported for the Dauphin Country ARES / RACES, participated in the Swatara Township Hero Run 5K with great success. Seven amateurs provided communications over a three mile area. The Swatara Township Police expressed thanks for the extra set of eyes by ARES.

- Contact ares.harrisburgpa@gmail.com to be added to the e-mail list for updates and announcements. More information in this newsletter, page 5.

ELMER TIME: Elmer Time Coordinator, Steve [KC3VPJ] is looking for topics that we can match up with our experienced HAMs to present on. We had 11 people attend tonight's Elmer Time on band edges by Terry [WB3BKN] with much discussion by the audience. There will be no Elmer Time in December due to Elections and the annual Cookie Exchange.

UPCOMING HAMFESTS: The next Hamfest for the club will be Winterfest, Saturday, January 13th. Volunteers are requested to come at 0500L to help set-up. Please contact Terry [WB3BKN] to volunteer. The Winterfest is indoor only.

It is with sad news that a regularly attending vendor, Sauder Electronics, 1662 N. 8th Ave., North Lebanon Township, PA 17046, has given notice that the business is up for sale, and will not be at

future hamfests. Owner Kathy Sauder is soliciting offers for sale of the inventory.

OLD/NEW BUSINESS:

- **FaceBook.** A request for someone to update the club's FaceBook page on a regular basis.
- **Cookie Exchange** is in December's meeting. Bring your favorite small sweet cake, typically round and flat and having a crisp or chewy texture.
- **Winter Field Day.** A discussion about the Club's potential participation in the annual event, January 27-28, 2024, www.winterfieldday.org. Steve [KC3VPJ] will look into having the Central Penn College as a host site.
- **Elections.** December is Club election of officers. At present the incumbent officers stand for re-election. However, any member wishing to run for an office may present themselves at the meeting.
- **HamFeast / Ham of the Year.** The February 2024 meeting (the 14th) is cancelled and in place the annual HamFeast will be held at the Peach Tree restaurant, Wednesday, February 7th at 1800L. The event will have door prizes and "The Ham of the Year" award. The past three recipients [K3URT, 2023, K3RTS, 2022 and ? 2021] will begin the process of selecting a candidate.

FOR THE GOOD OF THE CLUB: No comments.

ADJOURNMENT – A motion to adjourn by Rick [N2RBT] and seconded by Steve [KC3EEO]. The business meeting closed at 1900L with approval by all attendees.

MINUTES RESPECTFULLY SUBMITTED by Curt Sanders [K3URT] on behalf of Frank Aponte [K3FXA], Secretary requested absent for the meeting.

THE MINUTES OF THE MEETING is a document of HRAC, Inc. Therefore, all content is unabridged from the original. Corrections to the Minutes are made at the next club meeting by a membership vote with approval/disapproval.

FCC club station license rule Title 47, Section 97.5: "The club must be composed of at least four persons and must have a name, a document of organization, management, and a primary purpose devoted to amateur service activities consistent with this part." In addition, the document of organization must be kept in the club's records and made available to the FCC upon request.

NEWS • COMMUNIQUE • MESSAGES • DISPATCHES • QST • REPORTS • TALK



He's back... Share the magic of Ham Radio and Santa Claus with your children, grandchildren, and neighborhood kids.

The Santa Net is held every evening between November 25 to December 24th on 3.916 MHz at 2000 Eastern Time (check-ins open 30 minutes before).

Reserve a spot with Santa by making the pre-net check in at www.cqsanta.com. To participate in The Santa Net, just have your kids prepared to tell Santa their top 2-3 gift wishes.

Rumor: Sauder Electronics of Lebanon, a popular vendor at HRAC hamfests, was recently up for sale. Sauder's inventory was sold to Ralph E. Hess, KC3KMT, of New Holland — he will be appearing at the Winterfest in January (see page 8). — *various sources from the local amateur radio community.*

QSL Bureau: US 3rd Call Area:

The National Capitol DX Association is the managing organization — Jack Ference, W3KX, W3 Incoming QSL Bureau Manager. Address:

W3 Incoming QSL Bureau:
NCDXA
PO Box 190
Glenelg, MD 21737-0190

IMPORTANT: Please go to the NCDXA's website to identify who specifically is your card sorter, and for additional information!

SWAP & SHOP SPOT

Per the affirmation of the membership, June 2021 meeting, members may post, one-time non-commercial advertisement of items relating to amateur radio, computers, and electronics. "Wanted" advertisements are permitted. Submission of photos are strongly encouraged.

Also, please see posts on the HRAC website and FaceBook™.

HRAC is not responsible for any typographical or other errors. While we endeavor to connect interested parties, all transactions are made exclusively between the buyer and seller. HRAC disclaims all responsibility for any issues arising out of the use of, or reliance upon, this information.

CONTESTING et al

Contest Calendar **December:**

Popular for the month:

- ARRL 160 Meter (1-2).
- SkyWarn Recognition Day (2).
- PODXS 070 Club Triple Play Low Band Sprint (8).
- ARRL 10 Meter (9-10).
- Radio Amateur Club of Canada Winter (30).

♦ **ARRL Contest Calendar** www.arrl.org/contest-calendar

♦ **ContestCalendar.com**
www.contestcalendar.com/contestcal.html

♦ **One-By-One special events (46 calls):**
www.1x1callsigns.org

Popular for the month:

- Youth on the Air Month (8 calls, 1-15th).
- 5th Annual "12 Days of Christmas" (12 calls, 14-25th).
- Maj. Edwin H. Armstrong, W4A, CW only, all bands, 16 December, 0000; to 18 December 2359 UTC. Logs to N9EN, n9en@live.com — Thanks Glen, K3SWZ.

♦ **State QSO Parties (0):**
www.contestcalendar.com/stateparties.html
State QSO Party Challenge: stateqsoparty.com

♦ **Contester Scores:** www.3830scores.com/index.php

♦ **POTA:** parksontheair.com

♦ **SOTA:** www.sota.org.uk

♦ **VOTA:** vota.arrl.org/

♦ **WRTC (World Radiosport Team Championship):** wrtc.info/

♦ **The World Amateur Radio Contesting Association (WARCA)** annual ranking of all active international contesters. 2023 is available at: war-ca.org/22-23

♦ **DX news.com**

♦ **First-ever Winter Olivia Digital Mode QSO Party:** 24-31 December 2023 start 00:00 UTC
Logs to: nw7us.heliophile@gmail.com <https://oliviadigitalmode.org/> has a full section about how Olivia works and suggested frequencies. —Thanks Frank, KB3PQT.

Due to overwhelming success, **USAF MARS** is happy to announce they will continue the special event annually, 5-11th November. <https://community.apan.org/wg/air-force-military-auxiliary-radio-system-afmars>

NOTE: by worldwide "gentleman's agreement," there is never any contesting on: 60, 30, 17, and 12 meter bands!

W3UU - Harrisburg Radio Amateurs' Club WinterFest

Saturday January 13, 2024

WINTERFEST



Electronics Expo and Hamfest



Vietnam Veterans of America

8000 Derry Street

Harrisburg, PA 17101

7:00 am to 11:00 am



Admission **\$5.00** per person



Tables - \$5.00 each.



DXCC/WAS/UCC QSL card checking on site



Coffee and snacks available

No reserved table space.

**Unloading can be done at the main doors, and
then move vehicle to parking area.**

For further information contact:



Terry Snyder (WB3BKN)

PO Box 355

Halifax Pa 17032

717-896-0256

Web Site: www.w3uu.org



Save the Date! – W3UU FIRECRACKER Hamfest is July 6, 2024.

An invitation to the annual Harrisburg Radio Amateurs Club:



Hamfeast

a premier event

QTH: Peachtree Restaurant, 251 North Progress Avenue, Harrisburg, PA.

RSVP with how many guests you are bringing to
WB3BKN1@gmail.com by February 1st, 2024.

—door prizes & camaraderie—

Ham of the Year Award

Wednesday, 7 February 2024, starting at 6 p.m.

MEMBERSHIP ☐ APPLICATION or ☐ RENEWAL FORM



MAIL TO:

Tim Lehman (W4NKC)
PO Box 453
Hummelstown, PA 17036-0453
717-982-8550

— **Make checks payable to HRAC** —

YOU CAN ALSO USE PayPal for payment of dues. The club's account is:
HRACW3UU@GMAIL.COM The payee will appear as Dave Dormer. If using PayPal,
please list the call sign(s) for which you are paying dues and the number of years you
are paying in the "note" section of the payment page. Also, if there are any changes to
your personal information please either put it in the note section or email the updates
to: W4NKC.HV@gmail.com

Membership per year is: ☐ \$15.00, ☐ \$7.50 if over 65.

Family Membership per year is ☐ \$25.00 (Hams must reside in the same household.)

— **Membership end December 31st of the year.** —

NAME _____ CALL _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

PHONE _____ E-MAIL* _____

ARRL Member? ☐ Y ☐ N YEAR FIRST LICENSED: _____

SIGNATURE _____ Date _____



I agree to abide by the by-laws and guidelines of the membership of the
Harrisburg Radio Amateur's Club, Inc. and the use of its repeater, W3UU.

If you recently obtained your first license through our Harrisburg Volunteer
Examiner Team, bring your application and CSCE to a club meeting and
we will waive the membership dues for your first year of membership!

* **PLEASE NOTE:** the newsletter is available in portable document
format (PDF) only, **via email**, so a valid, updated email address is
important!

Join the Gang!