



W3UU NEWSLETTER

APRIL 2026

Club Officers:

PRESIDENT:

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WB3BKN1@gmail.com

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ka1ysr@outlook.com

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k3fxa@frankaponte.com

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k3fxa@frankaponte.com

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(non-elected position)

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WB3BKN1@gmail.com

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steve7shoe@gmail.com

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WB3BKN1@gmail.com

NET OPERATIONS:

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k3urt@w3uu.org

VE TEAM LEADER:

Tim Lehman, W4NKC
w4nkc.hv@gmail.com

QST:

NEXT MEETING IS

WEDNESDAY, APRIL 8, 1830-2030L at the Vietnam Veterans of America Capital Chapter 542, 8000 Derry Street, Harrisburg. All are welcome!

HAM MAKES POSSIBLE ALIEN CONTACT

In a quiet suburban basement filled with vintage equipment and softly glowing dials, local ham radio operator Daniel Reeves made a discovery that has stunned scientists and hobbyists alike. Late Saturday evening, while scanning shortwave frequencies, Reeves intercepted a repeating signal unlike anything he had encountered in his 20 years of amateur radio experience.

“At first I thought it was interference,” Reeves said. “But the pattern was too precise—almost mathematical.” After recording the transmission, he spent hours analyzing it before realizing the signal contained structured sequences that resembled a form of language.

Word of Reeves’ discovery quickly spread, and a team of astrophysicists from nearby universities reviewed the recordings. Preliminary findings suggest the signal may have originated from a distant galaxy, far beyond the Milky Way. Even more astonishing, portions of the transmission appear to respond to basic mathematical replies Reeves sent back.

While experts urge caution, many are calling this one of the most significant potential breakthroughs in human history. “If verified, this would mark the first confirmed contact with an extraterrestrial civilization,” said Dr. Elaine Porter, a leading researcher involved in the analysis.

For now, Reeves continues to monitor the signal, waiting—and listening—for what might come next.

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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.

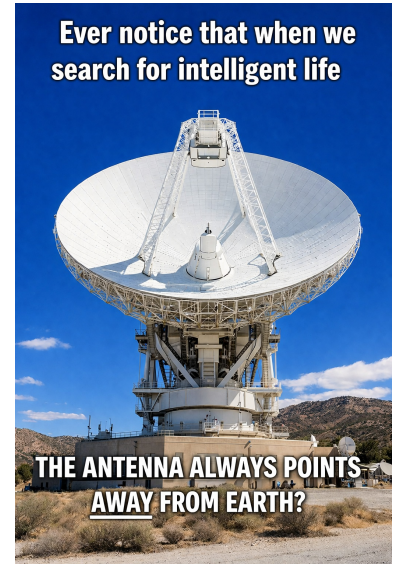
The club continues to promote amateur radio in the area in many ways, HRAC is involved with young people by helping with scouting's JOTA activities and promoting amateur radio with school clubs and organizations.

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 is always the Saturday before the first Sunday in July. During the hamfest, 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 2026:

- April.....8th, club meeting
-18th, license testing
-18th, World Amateur Radio Day
- May.....13th, club meeting
- June.....10th, club meeting
-20th, license testing
-27-28, Field Day!
- July.....4th, Firecracker Hamfest
-8th, club meeting
- August.....12th, club meeting
-15, license testing
- September.....9th, club meeting
- October.....14th, club meeting
-17th, license testing
-24th, Oktoberfest
- November.....11th, club meeting
- December.....9th, cookie exchange
-19, license testing



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

DA FINE PRINT

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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. URLs are verified a few days prior to publication.

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? Overcome "mike fright" and gain operating experience. It's easier than you think!

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).

If you are interested in serving as Net Control, contact Curt: K3URT@mac.com. Get on the air! If we get a cohort of volunteers, the duty will be spread out on a rotating basis.

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

The Elmer Time presentation for the April 8 meeting will be on artificial intelligence (AI) in general and its use in amateur radio in particular.

HAM HISTORY

100 Years Ago This Month

- **Legal Chaos in US Regulation:** On April 16, 1926, U.S. District Judge James H. Wilkerson ruled that the U.S. government had no legal authority to regulate radio broadcasting, such as limiting the number of stations, wattage, or assigning specific frequencies. This led to a "radio anarchy" period where, until the 1927 Radio Act, stations operated without federal restrictions, impacting the overall radio landscape and requiring hams to operate with greater self-discipline.
- **ARRL Leadership Change:** Fred Schnell (1MO), a pivotal figure in amateur radio who led the way in shortwave and transatlantic communication, resigned as the American Radio Relay League (ARRL) communications manager in April 1926. He moved to private industry (C.F. Burgess Laboratories) and was replaced by F.E. Handy.
- **Expansion of DX and Operating "All Continents":** Amateur operators in 1926 were rapidly mastering shortwave. Brandon Wentworth (6OI) at Stanford University achieved the notable feat of working and confirming contacts with all continents during this period.
- **April 1926 QST Highlights:** The April 1926 issue of QST focused heavily on station management, with discussions on improved transmitter construction, the use of crystal control for stability, and reducing interference.

Contextual Milestones Around April 1926:

- **Spark Gaps Banned:** By 1926, the use of spark gap transmitters was becoming largely illegal or obsolete on the main amateur bands, with CW tubes becoming the standard.
- **1925 IARU Formation:** Just prior, on April 18, 1925, the International Amateur Radio Union (IARU) was established, which was actively setting the stage for the international cooperation observed in early 1926

W3UU The Harrisburg Radio Amateurs' Club, Inc.
President - Terry [WB3BKN], Vice-President - Chuck [KA1YSR]
MINUTES OF THE MARCH 11, 2026 MEETING

MEETING CALL TO ORDER:

The Wednesday, March 11, 2026, meeting of the Harrisburg Radio Amateur's Club, Inc. was called to order at 1830L by the President, Terry [WB3BKN], at the Vietnam Veterans of America Post 542, 8000 Derry St, Harrisburg, PA 17111. **INTRODUCTIONS:**

14 individuals were present and introduced themselves by name and callsign.

SECRETARY'S REPORT:

The January 2026 Minutes were opened for comments, questions, and corrections. Motion to Accept the January 2026 Secretary's Report as published to the HRAC / W3UU Website by Tim [W4NKC] and seconded by Steve [KC3VPJ]. The attending membership approved the Meeting Minutes by voice vote.

TREASURER'S REPORT:

Frank [K3FXA] presented the Treasurer's Reports for January and February 2026.

Motion to Accept the January and February 2026 Treasurer's Reports by Paul [KA3SGY] and seconded by Curt [K3URT]. The attending membership approved the Treasurer's Reports by voice vote. **LICENSE TRUSTEE REPORT:**

Dave [KC3MG] not present. No Report.

EQUIPMENT TRUSTEE REPORT:

Terry [WB3BKN] reported that there are no changes for this month.

LAUREL VE COMMITTEE:

VE Tim [W4NKC] reported that the next testing date is Saturday, April 18, 2026, at 0900L and that individuals must register by 1800L on April 15, 2026. Please arrive by 0830L on test day to get checked in so that testing can start promptly at 0900L. The testing location is the Vietnam Veterans of America Post 542, 8000 Derry St, Harrisburg, PA 17111.

REPEATER COMMITTEE:

Terry [WB3BKN] reported that the work has begun to link the club repeater [W3UU] to another repeater in Northern Dauphin County. The hardware installation is continuing, so more information will follow. **MEMBERSHIP COMMITTEE:**

Membership Chair Tim [W4NKC] reported

that we are receiving membership renewals bit by bit, but there are many that have not renewed yet. Continue to send in your 2026 membership dues and renewals!

WEB PAGE COMMITTEE:

Please send content and ideas to Webmaster Rick [K2RBT]. Please send updates and news items to Rick. If you would like to volunteer some time as an admin for the club's Facebook page, please contact Terry [WB3BKN]

- **EMERGENCY COMMUNICATIONS:**

Contact ares.harrisburgpa@gmail.com to be added to the e-mail list for updates and announcements.

- Dauphin County ARES / RACES Net meets every Monday at 1900L on the 145.110 repeater (Ellendale Forge, W3ND). All are welcome to participate in the Net.

- In-Person meetings are on the fourth Thursday of the month at the Lower Paxton Township Building, 425 Prince St, Harrisburg.

ELMER TIME:

Tonight's Elmer Time topic was The National Traffic System presented by Tom [KC8T]. Elmer Time Coordinator Steve [KC3VPJ] is always looking for topics that we can match up with our experienced HAMs to present on.

CLUB NEWSLETTER:

After a hiatus, the HRAC Monthly Newsletter is back! Steve [KC3VPJ] is leading the charge, so if you have information to add to the newsletter or have ideas for things that you would like to see in it, please contact Steve.

FIELD DAY:

The next Field Day will be held June 27-28, 2026. Preparations are starting now, so if you would like to volunteer or have any ideas for community outreach, please contact our HRAC Field Day coordinator Steve [KC3VPJ]. Like previous Field Day events, we will be at Central Penn College.

UPCOMING HAMFESTS:

The next Hamfest for the club will be the Firecracker Hamfest on Saturday July 4, 2026, with site preparation and set up on Friday July 3, 2026. Please contact Terry [WB3BKN] to

volunteer. Note that attendees can buy extra tickets to a better chance in the main prize raffle and are not limited to their entry ticket.

OLD CLUB BUSINESS:

Nothing to report.

NEW CLUB BUSINESS:

The club has been asked about putting on a Spring Hamfest. Membership discussed and agreed that we do not have the personnel to put another Hamfest on our schedule and give it the attention that it deserves.

FOR THE GOOD OF THE CLUB:

Nothing to report.

ADJOURNMENT:

A motion to adjourn was made by Curt [K3URT] and seconded by Paul [KA3SGY]. The business meeting closed at 1851L with approval by all attendees by voice vote.

RESPECTFULLY SUBMITTED by Frank Aponte [K3FXA], Secretary.

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.

ALIEN CONTACT, continued

APRIL FOOL!

WORLD AMATEUR RADIO DAY

Every April 18, radio amateurs worldwide take to the airwaves in celebration of World Amateur Radio Day. It was on this day in 1925 that the International Amateur Radio Union was formed in Paris.

Amateur Radio experimenters were the first to discover that the short wave spectrum — far from being a wasteland — could support worldwide propagation. In the rush to use these shorter wavelengths, Amateur Radio was “in grave danger of being pushed aside,” the IARU’s history has noted. Amateur Radio pioneers met in Paris in 1925 and created the IARU to support Amateur Radio worldwide.

Just two years later, at the International Radiotelegraph Conference, Amateur Radio gained the allocations still recognized today — 160, 80, 40, 20, and 10 meters.

Today, Amateur Radio is more popular than ever, with more than 3,000,000 licensed operators!

World Amateur Radio Day is the day when IARU Member-Societies can show our capabilities to the public and enjoy global friendship with other Amateurs worldwide.

Excerpted from iaru.org/on-the-air/world-amateur-radio-day/

LOCAL AREA NETS (All times are local)

MONDAYS

- 1900: @145.110 MHz, 132.8 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, 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 third 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

- 0900: 7.068 MHz, Mid-Atlantic NBEMS Training Net, Thor32. <https://groups.io/g/MidAtlanticNBEMS>
- 2030: 146.580 MHz, simplex, FM, Lancaster County

SUNDAYS

- 0730: 3.580 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 net, LSB
- 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 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 the test date by end of business day.)

Testing is FREE*

The next test session is

Saturday, April 18, 2026 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

EMCOMM

Dauphin County, PA ARES/RACES

ARES/RACES
Dauphin County, PA

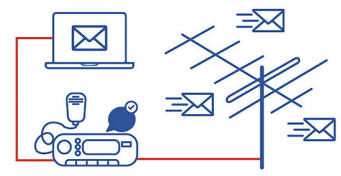
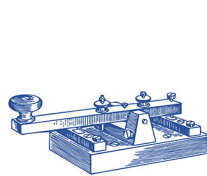


Meeting & News

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, at the Lower Paxton Township Building, 425 Prince St., Harrisburg, PA 17109.**

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/@dauphincountyaresraces1195



NATIONAL TRAFFIC SYSTEM, NTS 2.0: "The National Traffic System (NTS) is an organized network of amateur radio operators sponsored by the American Radio Relay League for the purpose of relaying messages throughout the U.S. and Canada." See <https://nts2.arrl.org/> for more information.
EPA Section Traffic Manager is Tom Inman, KC8T.

NET	FREQUENCY	TIME
EPA Emergency Phone & Traffic Net	3918 kHz	1700 ET Daily
WPA Emergency Phone & Traffic Net	3918 kHz	1730 ET Daily
Pennsylvania Traffic Net	3585 kHz	1900 ET Daily

SKYWARN™

Learn more about SkyWarn at: www.weather.gov/SKYWARN
The Central Pennsylvania SkyWarn Group net is every Wednesday at 2100L on the W3ND 145.110 MHz repeater: 31.8 Hz Tone.

[Central Pennsylvania SkyWarn™ Facebook page](#)

March thru September is severe weather season for Pennsylvania.

Basic SKYWARN Training @ Millersville University

Wednesday, April 1, 2026 1700-1900L

Science Lane, Millersville, PA 17551

This is a basic SKYWARN spotter talk for new and returning spotters to familiarize themselves with the latest training materials. No registration is required. This training will be held at Millersville University in the Caputo building room 210.

HAM RADIO EQUIPMENT MARKETPLACE**FOR SALE**

From Bob Hazelton, K3RBH

I have a neighbor, who is not a ham, but his father was and since passed away. The son wants to sell the equipment.

Yaesu FT-101E HF transceiver with companion LT-21008 power amplifier, selling together. Prefer to sell with Swan MW-2000 watt meter, HeathKit monitor scope, and EF Johnson Low Pass Filter.

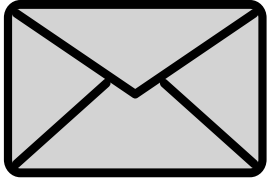
Additional items: HeathKit Keyer, straight key, and HeathKit Hybrid Phone Patch.

Will consider reasonable offers.
Contact Bob at K3RBH@aol.com

LOOKING TO BUY

Placeholder for now. Just showing how the page will look.

· HARRISBURG RADIO AMATEURS' CLUB ·

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 ends December 31 of the year —

NAME _____ CALL SIGN _____

ADDRESS _____

CITY _____ STATE _____ ZIP CODE _____

PHONE _____ EMAIL* _____

ARRL Member? YES NO YEAR FIRST LICENSED _____

SIGNATURE _____ DATE _____



I agree to abide by the by-laws and guidelines of the membership of the Harrisburg Radio Amateurs' 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!

79 years service to the Capital of Pennsylvania