



# W3UU NEWSLETTER

— MARCH 2024 —



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**QST:** NEXT MEETING is **WEDNESDAY, 13TH MARCH**, 1830~2030L at the Vietnam Veterans of America Capital Chapter 542, 8000 Derry Street, Harrisburg. (See page 3 for this meeting Elmer Time.) **All are welcome!**



“HAM OF THE YEAR” 2023, was awarded to **Chuck Maletich, KA1YSR** (right); presented to him from Curt Sanders, K3URT, last year recipient, at the 7 February HamFeast at the Peachtree Restaurant, Harrisburg. — *Photo by Terry, WB3BKN.*

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**T**he 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 2024:

- March** .....13th, club meeting. Don't forget: Daylight Savings Time!
- April** .....10th, club meeting.  
.....20th, license testing (see page 4)
- May** .....10th, club meeting
- June** .....12th, club meeting  
.....15th, license testing (see page 4)  
.....22-23, **Field Day!**
- July** .....6th, **Firecracker Hamfest.**
- August** .....17th, license testing (see page 4)
- September** ....11th, club meeting
- October** .....9th, club meeting  
.....19th, license testing (see page 4)  
.....26th, **Oktoberfest**



"I love ham radio."

### — 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](http://W3UU.org)

**FaceBook:**  
[www.facebook.com/Harrisburg-Radio-Amateurs-Club-208171495915056/](http://www.facebook.com/Harrisburg-Radio-Amateurs-Club-208171495915056/)

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## HAM HISTORY

100 Years Ago This Month

### Wave Lengths

Test all connections regularly for looseness or breaks.

A bit of solder and touch of flux make the best connection.

Radio dates back to the discoveries of Heinrich Hertz, the German scientist, about 1887.

Sixteen stations in the United States now broadcast on battery power alone.

Debating by radio from one continent to another may come sooner than expected.

Fifty million dollars will be spent for vacuum tubes alone in 1924, estimates Roger W. Babson, economist.

For every dollar spent on furniture in the United States, thirty-three cents is spent on radio.

Use low ratio transformers for good, clear reception with the least distortion.

Station WOC, Davenport, Iowa, has found its broadcasting of police reports successful.

American Radio Association will give \$500 for the best answer to the question, "Who is to pay for broadcasting?"

New York is to get the 1000-watt broadcasting apparatus now at Rio Janeiro for the Brazilian Centennial Exposition.

It takes .004 of a second for a radio impulse to travel the 8500 miles from New Brunswick, N. J., to Warsaw, Poland.

Radio fans in Belgium are getting first-rate concerts from the Brussels broadcasting station, the only one in the country.

No use printing a hook-up of the new harmonic super-heterodyne designed by Major E. S. Armstrong, because it's too complicated he says.

Harrisburg Evening News, 29 March 1924, p. 15

# 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](mailto:K3URT@mac.com) Get on the air! If we get a cohort of volunteers, the duty will be spread out on a rotating basis.

**MEMBERSHIP MANAGER, Tim W4NKC**, reports at the meeting, there are 71 members on 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](mailto:steve7shoe@gmail.com)

**THE MARCH MEETING ELMER TIME** will be presented by **Terry, WB3BKN**, on what frequencies to have in your 2m/220/440 radios and why. Also, why would anyone steal a broadcast radio tower? Along with some pictures of broadcast installations.



**HAMFEAST:** see pp. 1, 6, 7.

**QUA HRAC? Send to: [newsletter@w3uu.org](mailto:newsletter@w3uu.org)**

Deadline for the APRIL newsletter submission is by end of business day, Wednesday, 3 April 2024.

## — Got Spring Fever? —

The Vienna Wireless Society invites you to...





**DATE:** Sunday, March 10, 2024     **Tailgating and Indoor Market Fair:** 8am to 2pm

**LOCATION:** Oakton High School, [2900 Sutton Road, Vienna, VA 22181](https://www.oaktonva.gov/2900-Sutton-Road-Vienna-VA-22181).

**Raffle:** You do not need to be present to win. Raffle tickets may be purchased for \$10 each.

**Attendance Tickets:** Advance Tickets: \$12 plus service fee. At the door: \$15.

**Vendor Prices:** Tailgating: \$20 for first parking space; \$10 for each additional space. Price include one admission ticket

**Check this website** <https://viennawireless.net/wp/events/winterfest/> for details.

**Advance purchase** of admission and raffle tickets here: <https://ticketstripe.com/events/1038688>

Multiple Prizes... GRAND PRIZE: The fabulous YAESU FTDX10



Food from  VINTAGE HAM GEAR    ELECTRONIC PARTS    CONNECTORS

ANTENNAS    CONSIGNMENT GEAR    LOCAL CLUBS INFO    QSL CARD CHECKING

BOOK TABLE    TEST EQUIPMENT    ACCESSORIES    TAILGATING



SEE YOU THERE!!



THE FREDERICK AMATEUR RADIO CLUB INVITES YOU TO:

## FredFest Indoor Tailgate Hamfest

**Saturday, March 16, 2024**  
**8am to noon**

Independent Hose Company Social Hall  
310 Baughmans Lane  
Frederick MD 21702  
*(free parking and venue entrance in rear of building)*

**General Admission \$5**

Includes chance to win hourly raffle prizes.  
(must be present to win)

**Seller tables \$10 each**

Seller set up begins at 7am and doors open at 8am.

**Questions?**

Contact Jeff:  
[ljfish1@comcast.net](mailto:ljfish1@comcast.net)  
[frederickarc.org/fredfest](http://frederickarc.org/fredfest)  
Talk in: 146.64 (PL 156.7)

## 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** net, LSB.
- ◆ 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](http://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/](http://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, 20 April 2024, 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.*

### February 17th test results:

We administered to four individuals five tests: four Technician, and one General; all passed. (pending FCC approval and applicable fees paid).

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

**Steven, KA3PDQ**

**Frank, KB3PQT**

**Alex, KC3SXJ**

**Curt, K3URT**

**Tim, W4NKC**

*(continued on page 5)*

## NEWS • COMMUNIQUES • MESSAGES • DISPATCHES • QST • REPORTS • TALK

### LICENSE TESTING: HRAC LAUREL VE SCHEDULE FOR 2024

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. See page 4 for more details. Dates for 2024:

Feb—17    Apr 20    Jun 15  
Aug 17    Oct 19    Dec 21

### Amateur Extra Classes 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\\_1X75dUj3Fw0sPohRBzSEbZedRA6iHx](https://drive.google.com/drive/folders/1_1X75dUj3Fw0sPohRBzSEbZedRA6iHx)

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

The General License class will begin in March of 2024.

A FREE, weekly, live, licensing course on Zoom will begin on Thursday, **18 January 2024**, through Thursday, **March 28**. There will be 11 sessions. The 3-hour sessions will start at 1830L ET. Sessions will be recorded.

Those attending should hold (or be studying for) the General Class Amateur Radio License. These classes have been held for years sponsored by the [National Electronics Museum](#).

Sign up email:  
[roland.anders@comcast.net](mailto:roland.anders@comcast.net).

— Thanks, Glenn, K3SWZ!

### Contest Calendar March:

Popular for the month:

- Stew Perry Topband Challenge (9-10th)
- PODXS 070 Club St. Patrick's Day (16th)
- CQ WW WPX SSB (30-31st)

◆ **ARRL Contest Calendar**  
[www.arrl.org/contest-calendar](http://www.arrl.org/contest-calendar)

◆ **ContestCalendar.com**  
[www.contestcalendar.com/contestcal.html](http://www.contestcalendar.com/contestcal.html)

◆ **One-By-One special events (32 calls):**  
[www.1x1callsigns.org](http://www.1x1callsigns.org)

◆ **State QSO Parties (5):**  
[www.contestcalendar.com/stateparties.html](http://www.contestcalendar.com/stateparties.html)

State QSO Party Challenge:  
[stateqsoparty.com](http://stateqsoparty.com)

◆ **Contester Scores:**  
[www.3830scores.com/index.php](http://www.3830scores.com/index.php)

◆ **POTA:** [parksontheair.com](http://parksontheair.com)

◆ **SOTA:** [www.sota.org.uk](http://www.sota.org.uk)

◆ **VOTA:** [vota.arrl.org/](http://vota.arrl.org/)

◆ **WRTC (World Radiosport Team Championship):**  
[wrtc.info/](http://wrtc.info/)

◆ **The World Amateur Radio Contesting Association (WARCA)** annual ranking; 2023 is available at: [warca.org/22-23](http://warca.org/22-23)

◆ **[DX news.com](http://DXnews.com)**

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

### 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!

### ARRL:



**ARRL Eastern  
Pennsylvania  
(EPA) Section**

[epa-arrl.org](http://epa-arrl.org)

**Bob Wilson, W3BIG,**  
Section Manager

The division consists of the following counties: Adams, Berks, Bradford, Bucks, Carbon, Chester, Columbia, Cumberland, Dauphin, Delaware, Juniata, Lackawanna, Lancaster, Lebanon, Lehigh, Luzerne, Lycoming, Monroe, Montgomery, Montour, Northampton, Northumberland, Perry, Philadelphia, Pike, Schuylkill, Snyder, Sullivan, Susquehanna, Tioga, Union, Wayne, Wyoming, York.

The March 2024 issue of "Signals" is available at: <https://epa-arrl.org/wp-content/uploads/2024/02/Signals-MAR-2024.pdf>

### ARRL Atlantic Division

[www.atldiv.org](http://www.atldiv.org)

**Bob Famiglio, K3RF,** Director

### 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.

— HamFeast Celebration —



“Well, I don’t understand this ham radio stuff, but I’m glad you came!” — Murphy the service dog

An august body of amateur radio service operatives and partners attended the annual HRAC HamFeast at the Peachtree Restaurant, Harrisburg on Wednesday, 7 February. Not only was the food excellent, so were the prizes and fun!

Terry, WB3BKN, was master of ceremonies.

Prizes from the table (see photograph) and special

drawings for the \$50, 100 and 200 gift certificates from Ham Radio Outlet, were a central feature.

But, the biggest prize was “Ham Of The Year” — Chuck Maletich, KA1SYR, awarded (see p. 1). [Continued on p. 7]

da drawings...



Steve, KC3EUU



Table of Goodies — everyone came away with two randomly drawn prizes.

— HamFeast Celebration —

MILESTONE	Callsign	Member	Licensed
5 years	KC3MFJ	Adam Spangler	2018
5 years	KC3MQI	Victor Yartz	2018
5 years	W3JJT	John Talaber	2018
10 years	NI3O	Paul Roth	2013
25 years	N3QZD	Karl Zimmerman	1998
50 years	WD3R	Howard Crawford	1973
55 years	WB3N	Henry Tamanini	1968
60 years	W3HPA	Phil Shkuda	1963
60 years	W3KB	Keith Beebe	1963
65 years	NE3H	Joe Shuey	1958
70 years	W8QII	John Goldman	1953



Wednesday night W3UU repeater net control manager, **Curt, K3URT**, recognized **Steve, KC3VPJ**, for his volunteer service as a net control operator, and **Chuck, KA1YSR**, for having the most check-ins of the year (36); both given certificates of appreciation.

Membership Chair, **Tim, W4NKC** (above, left) recognized many amateurs with **MILESTONE** license certificates, and certificates of appreciation for other club activities.



Frank, K3FXA and Terry, WB3BKN

W3UU The Harrisburg Radio Amateurs Club, Inc.  
 President – Terry [WB3BKN], Vice-President – Chuck [KA1YSR]

MINUTES OF THE February 7, 2024 MEETING



There are no business **Minutes** due to the “HamFeast” annual activity at the Peachtree Restaurant.

**"S.3690 - Amateur Radio Emergency Preparedness Act"**

— ACT NOW —

The US Senate has an amendment to “prohibit the application of certain private land use restrictions to amateur station antennas, and for other purposes.” For those who are restricted (i.e. amateurs who rent their homes), this Bill is critical to the amateur radio community. Covenant (CC&R or Homeowners Associations) restrictions impede many hams, from erecting sufficient external/outdoor antennas.

S.3690, *introduced* in the Senate, still has a long process to follow now in the Senate Committee on Commerce, Science, and Transportation. Contact our Pennsylvania Senators, John Fetterman, and Bob Casey, and ask them to vote YES when the Bill comes to the floor for a vote.

Of course, common sense provisions are cited in the Bill. Don't expect the right to install a 50-foot tower in an apartment complex without permission (since that would be a permanent structure), but possible if you are a homeowner in a restrictive township (but with submitted plans and a construction permit). And, of course, you will be responsible for the antenna's construction, maintenance, and safety at all times. *Please note:*

“(c) Permissible Restrictions. -

“(1) (E) A restriction that requires an amateur station antenna ground-mounted electrical enclosure, ground-mounted control enclosure, or guy wire anchor to be visually screened if such enclosure or anchor -

(i) is visible from the street faced by the dwelling; or

(ii) is located in an unfenced side or rear yard and is visible from an adjoining property.”

**But most importantly:**

“(e) ANTENNAS THAT DO NOT REQUIRE PRIOR APPROVAL. - A requirement in a private land use restriction for an amateur operator to obtain prior approval for the installation of an amateur station antenna may not be adopted or enforced with respect to any of the following types of amateur station antennas:

(1) 1 METER OR LESS IN DIAMETER OR DIAGONAL MEASUREMENT.—An antenna for use by an amateur operator that is less than 1 meter in diameter or diagonal measurement, or having other measurements prescribed by the Commission.

(2) FLAGPOLE ANTENNAS.—A flagpole, capable of dual use as a flagpole and an amateur station antenna, not greater than 43 feet in height above ground.

(3) WIRE ANTENNAS.—Minimally obtrusive wire antennas, of a length necessary for the frequency of use intended.

(4) VERTICAL ANTENNAS.—Vertical antennas, not to exceed 43 feet in height above ground, including collapsible whip and tilt-over antennas.”

The Bill is not lengthy, so read it carefully at:

<https://www.congress.gov/bill/118th-congress/senate-bill/3690/text>

**Senate contacts:**

Bob Casey  
[www.casey.senate.gov/contact/share](http://www.casey.senate.gov/contact/share)  
or  
200 North Third Street, Suite 14A  
Harrisburg, PA 17101  
Phone: (717) 231-7540

John Fetterman  
[www.fetterman.senate.gov/contact/](http://www.fetterman.senate.gov/contact/)  
or  
320 Market Street, Suite 475E  
Harrisburg, PA 17101  
Phone: (717) 782-3951

Let them know you are a licensed amateur radio operator, give the bill number (S.3690), and urge them to support and vote for the legislation.

Also, please read current ARRL efforts and information about antenna restrictions at [www.arrl.org/restrictive-antenna-ordinances](http://www.arrl.org/restrictive-antenna-ordinances)

— 77 years service to the Capitol of Pennsylvania —

**2024 AMATEUR RADIO BOOKLET**

— a summary of worldwide information of agreed operating standards (not a legal document).

<https://t.e2ma.net/click/vmy44k/7v9s2p6/f27ljz>

updated: **RSGB'S WORLDWIDE LIST**

**OF HF BEACONS:** [http://rsgb.org/main/files/2024/02/RSGBs-Worldwide-List-of-HF-Beacons.pdf?utm\\_source=amateur-radio-weekly&utm\\_medium=email&utm\\_campaign=newsletter](http://rsgb.org/main/files/2024/02/RSGBs-Worldwide-List-of-HF-Beacons.pdf?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

**ANNOUNCED DX OPERATIONS:**

[https://www.ng3k.com/Misc/adxo.html?utm\\_source=amateur-radio-weekly&utm\\_medium=email&utm\\_campaign=newsletter](https://www.ng3k.com/Misc/adxo.html?utm_source=amateur-radio-weekly&utm_medium=email&utm_campaign=newsletter)

**ECHOLINK GOES WEB**

EchoLink Web is an edition of EchoLink that runs entirely within a Web browser. It runs on various browsers and OS platforms and doesn't require any app to be installed — just click and go. Start at: [webapp.echolink.org](http://webapp.echolink.org) (must be registered). More info at: [https://www.echolink.org/faq\\_webapp.htm](https://www.echolink.org/faq_webapp.htm)

**BOB HEIL, K9EID, 83, SK**

If you have been around amateur radio even for a short time, Bob is a legend to you. A sound and radio engineer and founder of **Heil Ham Radio** — familiar with hams who have used his mics and headsets for decades. His early adventures were in the Rock n Roll industry, working with artists Joe Walsh, Jerry Garcia and Peter Townshend. An active ham, he could be heard particularly in the AM mode portions of the HF bands.

**Did You Know?**

Pennsylvania licensed amateur radio operators:

269 ...Novice  
10,531 ...Technician  
6,332 ...General  
1,265 ...Advanced  
5,585 ...Extra

.....**Total: 23,982.**

— [www.arrl.org/fcc-license-counts](http://www.arrl.org/fcc-license-counts)  
as of 1 March 2024.

*A steady decline is noted.*

**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, at the Lower Paxton Township Building, 425 Prince St., Harrisburg, PA 17109. The next meeting is March 28th. [subject to change]**

**CONTACT:**

- ☑ [k3rts1@gmail.com](mailto:k3rts1@gmail.com)
- ☑ [ares.harrisburgpa@gmail.com](mailto: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](https://www.facebook.com/profile.php?id=100067020090800)

☑ **YouTube channel:** [www.youtube.com/@dauphincountyaresraces1195](https://www.youtube.com/@dauphincountyaresraces1195)

Dauphin County ARES/RACES visited the PEMA HQ on 22 February, for a tour of the facilities, which included the Commonwealth Response Coordination Center (CRCC) and the Auxiliary Communication Service (ACS) amateur radio room.

The hosts touched upon the potential impacts and logistics of the **Lunar eclipse on 8 April**. They also indicated that PEMA would be **participating in an exercise in May** that may include ACS and would provide additional information as it is available.

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

**— Celebrate the *New Red Cross Emcomm Stations in Pennsylvania* —**

Pennsylvania Red Cross invites all Pennsylvania amateur radio operators to celebrate the opening of the Red Cross Emcomm Stations (RCES). These stations are located in Red Cross facilities in each of the 10 Pennsylvania Red Cross Disaster Response Areas (DRA). The Red Cross Emcomm Stations are located in existing Red Cross facilities. Most are “compact” stations.

All Pennsylvania hams are invited to participate. Listen for the RCES lead to announce the exercise. Check in with your call sign, name, county and state if you are an ARES® or Red Cross volunteer:

**Saturday, March 16th, 1300-1600L:**

Harrisburg station lead:  
**KC3WQM**, Richard Johnson, N3EPY, 717-226-3793.

Repeater: W3ND 145.110 - pl 131.8  
— *Signals*, March 2024, EPA-ARRL.org



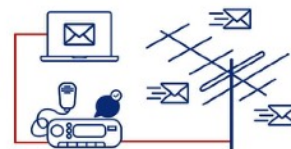
**SKYWARN™**

Learn more about SkyWarn at: [www.weather.gov/SKYWARN](http://www.weather.gov/SKYWARN)

The Central Pennsylvania SkyWarn Group net is every Wednesday at 2100L on the 145.110 MHz repeater: 31.8 Hz Tone, FM, W3ND, Central Pennsylvania SkyWarn™

March thru September is severe weather season for Pennsylvania.

**TRAINING** for Basic Spotter in the area is at Millersburg University, 46 W. Frederick St., Millersville, Lancaster County, **Monday, 18 March at 1800-2000L. For further information and registration:** <https://www.weather.gov/ctp/SkyWarn>



**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 (CW)	3585 kHz	1900 ET Daily

— 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 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!**