



# W3UU NEWSLETTER

— JUNE 2023 —

### Club Officers:

- PRESIDENT:**  
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- VE TEAM LEADER:**  
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## QST: NEXT MEETING is WEDNESDAY, 14 JUNE, 1830-2030L at the Vietnam Veterans of America Capital

Chapter 542, 8000 Derry Street, Harrisburg, PA. **All are welcome!** Business meeting at 1830-1900, followed by **Elmer Time**: our new Elmer Time volunteer, **Steve, KC3VPJ**, will do the presentation tonight: the history and importance of mentors/Elmers to new hams. He will be passing out some articles and talking about his experience since starting his amateur radio "career."



*What is an Elmer?*





**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 2023:

- June** ..... 14th, club meeting.
- ..... 17th, license testing (see page 4).
- ..... 24-25th, Field Day.
- July** ..... 1st, HRAC Firecracker Hamfest!
- ..... 12th, club meeting.
- August** ..... 9th, club meeting.
- ..... 19th, license testing (see below).
- September** ..... 13th, club meeting.
- October** ..... 11th, club meeting.
- ..... 21st, license testing (see below).
- November** ..... 8th, club meeting.

Please consider making a presentation at "Elmer Time." Everyone has expertise in something and can bring something to the table. Do more than contemplate, DO it.

### — 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/](https://www.facebook.com/Harrisburg-Radio-Amateurs-Club-208171495915056/)

## HAM HISTORY —100 years ago—

*The beginnings of WWV, 3 June 1923.*

Special signals will be transmitted by WWV, the bureau of standards station, during July, August, September and October for the purpose of allowing all amateurs within the station's range to calibrate wave meter and receiving sets.

Although Washington is anything but a centrally located point, the equipment at WWV recently installed by H. J. Walls has been reaching out so well that the west coast will have a good chance of using some of the signals. Even the longer waves on which radiation is less effective have been received in excellent fashion half way across the continent.

The set at WWV employs a 50-watt master oscillator designed for great steadiness as to frequency. The output of this oscillator is amplified by a quarter of quarter kilowatt tubes and fed to a fine cage T antenna 90 feet high, a beauty that any amateur would envy. Before each transmission the wave length is very carefully checked, and little difficulty is met in keeping it constant.

[Washington, D.C.] Evening Star, 24 June 1923, p. 22

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## 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 and amateurs, 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.

Providing amateurs with experience, net control is restricted to club members. By serving as Net Control, you will gain valuable experience with this type of radio operation and offer assistance to the club and its membership.

If you are interested in serving as Net Control, don't hesitate to get in touch with Curt:

[K3URT@w3uu.org](mailto:K3URT@w3uu.org)

Get on the air! If we get a cohort of volunteers, the duty will be spread out.

**YOU WILL BE A CONTROLLER ONLY ON A ROTATING BASIS.**

★ **WELCOME** our new **Elmer Time Coordinator: Steve Shoemaker, KC3VPJ.**

**WANTED:** Presentations for the Elmer Time education after the business meeting at club meetings. Want to share something? Let us enjoy your discovery!

★ **"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 there are 66 members and HRAC retains its affiliation with ARRL.

★ **Frank Aponte** is now **K3FXA.** Frank became ex-KC3NRK in April with a vanity call sign upgrade. Congrats Frank!

★ On Friday, June 2nd, Dauphin County Technical School (DCT) celebrated a field day for its stu-

dents to mark the end of another school year. **Adam Spangler KC3MFJ,** the DCTS Electronics instructor and HRAC club member, set up an Amateur Radio display. A primary goal of the display was to allow newly licensed ham **Riley Fulton KC3VYP,** to have his first experience being on the air and make his first contacts. Riley successfully made contact with club members **Curt K3URT** and **Dave KC3MG** on the portion of 10m available to Technicians. At one point during the conversation, KE4VRM broke in from Tennessee, giving Riley his first example of the long distance communication possible with HF. **Chuck KA1YSR** and **Charles KW3W** also attempted to call in. Though those contacts were unsuccessful, Riley and Adam appreciated their support. Riley reports that he enjoyed the experience and is studying to get his General license before ARRL Field Day.

### The FCC IS LISTENING!

A Notice of Apparent Liability Forfeiture (NALF) for \$24,000 has been filed against Phillip J. Beaudet, N6PJB, of Burney, California.

According to the filing, the penalty is for Beaudet "willfully and repeatedly interfering with the radio communications of the Western Amateur Radio Friendship Association (WARFA) while it was attempting to hold a regularly scheduled net and for failing to provide station identification on amateur radio frequencies."

FCC agents used direction finding techniques during November and December of 2022 to track the interfering signals to Beaudet's home station. Agents "heard him playing recordings on 3.908 MHz that caused interference to the ongoing WARFA net while failing to provide his assigned amateur call sign," the document stated. —*ARRL Special Bulletin 5, 5 June 2023; Thanks to Tim, W4NKC.*

### QUA HRAC?

Send to:

[newsletter@w3uu.org](mailto:newsletter@w3uu.org)

Deadline for next newsletter submissions is by end of business day, Wednesday, **5 July, 2023.**

### ARRL Atlantic Division

The division now has a new website: [www.atldiv.org](http://www.atldiv.org)

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



Stay in touch:  
**ARRL Eastern  
Pennsylvania  
Section**

<https://epa-arrl.org>

**Bob Wilson, W3BIG,**  
Section Manager

### 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.

### Did You Know?

Pennsylvania has: 279 Novice; 10,789 Technician; 6,322 General; 1,328 Advanced; and 5,565 Extra licensed amateur radio operators. Total: 24,283. — <http://www.arrl.org/fcc-license-counts>, 6 June 2023.



## 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.
- ◆ 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, 17 June, 2023, at: Harrisburg Vietnam Veterans of America, 8000 Derry St., Harrisburg, PA promptly beginning at 0900L.**

**NOTE:** the current General Class question pool ends 30 June 2023; a new pool will be posted 1 July 2023.

\*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.

### April test results:

We administered 12 elements to 12 applicants, 10 of whom passed their tests. We now have seven new Technician class hams and three upgrades to General class (pending FCC approval and applicable fees paid).

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

**Steven, KA3PDQ  
Curt, K3URT**

**Frank, KB3PQT  
Tim, W4NKC**

## EMCOMM:



Dauphin County ARES/RACES provided radio services for the American Legion Memorial Day Parade. Left-to-right: Bob, K3RTS; Mike, KD3MAD; Curt, K3URT; Kendra, KZ3KBD; and Frank, K3FXA.

## MEETING &amp; NEWS

**Bob Saber, K3RTS**, Dauphin County AERS Emergency Coordinator and RACES Radio Officer announces in-person meetings are on the **4th Thursdays of the month at 1900L**. The next meeting is Thursday, **22 June** at the Lower Paxton Township Office.

## 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 (PL 131.8).
- ☑ **Facebook:** <https://www.facebook.com/profile.php?id=100067020090800>
- ☑ **YouTube channel:** <https://www.youtube.com/@dauphincountyares-races1195>

◆ The following participated in the 13 May national drill ETO exercise "Rogue AI": K3RTS, K3URT, KA1YSR, KC3LYV.

## ◆ ARRL and FEMA Sign MOA

FEMA: "We recently signed a new MOA with ARRL — establishing our partnership with licensed, voluntary amateur radio operators to support response (and) recovery efforts. We're honored to work side-by-side to meet the needs of

millions in the wake of disasters."

Each member of ARES have also completed training in the National Incident Management System (NIMS) in order to integrate with local officials during an emergency response.

Previously, in March 2023, FEMA released the final version of the NIMS Information and Communications Technology (ICT) Functional Guidance. — ARRL Special Bulletin 3, 26 May 2023.

◆ SAFECOM is a group of national thought leaders and officials within the emergency communications and response space that works to set standards at every level. The program is managed by the Cybersecurity and Infrastructure Security Agency (CISA), an agency of the US Department of Homeland Security.

ARRL Director of Emergency Management is Josh Johnston, KE5MHV. — ARRL Letter, 1 June 2023.

**Centre County PA ARES/ACS/RACES** is looking for public service volunteers for this season. Review [www.aresracescentre-countypa.com/?p=1117](http://www.aresracescentre-countypa.com/?p=1117) or contact Carmine, K3CWP at [k3cwp@arrl.net](mailto:k3cwp@arrl.net)

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

## CONTESTING et al

## ◆ Contest Calendar June 2023 (130):

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

Popular for the month:

- PODXS Three Day (2-4)
- ARRL International Digital (3-4)
- ARRL VHF (10-12)
- SMIRK (17-18)
- Stew Perry Topband Challenge (17-18)
- ARRL Kids Day (17)
- **ARRL FIELD DAY (24-25)**

## ◆ One-By-One special events (100 calls, 5 events):

[www.1x1callsigns.org](http://www.1x1callsigns.org)

Popular for the month:

- ARRL Field Day (96 callsigns)

## ◆ State QSO Parties (2):

[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)

## ◆ ARRL Contest Calendar:

[www.arrl.org/contest-calendar](http://www.arrl.org/contest-calendar)

◆ 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/)

## CHANGE: ARRL's Incoming QSL Bureau System Third Call Area

The National Capitol DX Association Board of Directors has appointed W3KX, Jack Ference, as the new W3 Incoming QSL Bureau Manager. He will be "filling the shoes of the late Fred Laun, K3ZO."

**Effective immediately** (6 March 2023) the new address will be as follows:

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

Please pass this information to your IARU society. — *Bernie McClenny, W3UR*

— *Thanks to Glenn, K3SWZ*

**NOTE:** QST magazine has a nice article on Fred and how QSL Bureaus work in the June 2023 issue, pages 80-81.



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



**MINUTES OF THE May 10, 2023 MEETING**

**MEETING CALL TO ORDER:** The Wednesday, May 10, 2023, meeting of the Harrisburg Radio Amateur's Club, Inc. was called to order at 1834L by the President, Terry [WB3BKN], at the Vietnam Veterans Association Building, 8000 Derry St, Harrisburg, PA 17111. Due to the continuing COVID-19 pandemic, those in attendance took the recommended precautions.

**INTRODUCTIONS BY NAME & CALL SIGN:** 11 individuals were present and introduced themselves briefly.

**SECRETARY'S REPORT:** April 2023 Minutes. Opened for comments, questions, and corrections. Motion to Accept the Secretary's Report as published in the May 2023 Newsletter by Tim [W4NKC]. Chuck [KA1YSR] seconded the motion; the attending membership approved the minutes by voice vote.

**TREASURER'S REPORT:** Frank [K3FXA] reported out the monthly reports for January, February, March, and April 2023. Motion to Accept the Treasurer's Reports by Paul [KA3SGY]. Charlie [W3CWT] seconded the motion; the attending membership approved the minutes 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.

**EQUIPMENT TRUSTEE REPORT:** Terry [WB3BKN] reported that organization and cataloguing of equipment in the trailer is almost finished and as the weather gets better that will continue. Next up is organization and equipment inventory of the storage unit. Please contact Terry [WB3BKN] to volunteer to help.

**LAUREL VE COMMITTEE:** Volunteer VE Tim [W4NKC] reported that the next testing date is Saturday, June 17, 2023 at 0900L and that individuals must register by end-of-day the Friday before. The testing location is the Vietnam Veterans Association Building, 8000 Derry St, Harrisburg, PA 17111. The April 15, 2023 session had 12 elements administered to 12 applicants, 10

of whom passed their tests. We have seven new Technician Class Hams and three upgrades to General Class (pending FCC approval and payment of applicable fees). Thanks to the VEs that made it possible: Steven [KA3PDQ], Frank [KB3PQT], Curt [K3URT], and Tim [W4NKC].

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

**MEMBERSHIP COMMITTEE:** Chair Tim [W4NKC] reported that there are 66 current members with 45 being ARRL members (68.2%). With more than 50% of our members also being ARRL members, we remain an ARRL Affiliated Club. Reminder to renew your memberships for 2023 if you have not already done so.

**NEWSLETTER COMMITTEE:** Curt [K3URT] reported that the next newsletter article deadline is by the close of business, Wednesday, June 7, 2023. Please send newsletter articles to [newsletter@w3uu.org](mailto:newsletter@w3uu.org).

**WEB PAGE COMMITTEE:** Terry [WB3BKN] reported that Rick is working through some updates to web page. Frank [K3FXA] reported that he noticed that the website does not show a "secure" (https) connection and that may cause visitors with newer computers and secure browsers to not be able to access the club web site.

**EMERGENCY COMMUNICATIONS –** Robert [K3RTS] reported the following via email to Dauphin County ARES/RACES group:

– Dauphin County ARES/RACES Net meets every Monday at 1900L on the 145.110 repeater (Ellendale Forge, W3ND).

– The next in-person meeting is 1900L on Thursday, 25 May 2023 at the Swatara Township EOC, 599 Eisenhower Blvd, Harrisburg.

– Monday May 29 @ 1030L to 1400L - Linglestown American Legion Memorial Day Parade. Robert [K3RTS] will be attending an organizational meeting in early May and will get final information we need for the event.

– Winlink Thursdays are back. Schedule as follows: June 15, July 13, and August 10. Semi-Annual drill on May

13.

**ELMER TIME:** The club is looking for a new Elmer Time Coordinator, please let a Club Officer know if you are interested. We had 11 people attend tonight's Elmer Time. Terry [WB3BKN] presented: "Your report is 5 by 9 with my preamp on." Ever wonder how that S-meter works in relation to true transmitted power? Why legacy radios don't have the same standard as modern rigs?

**HAMFEST:** The next Hamfest for the club will be the Firecracker Hamfest on July 1, 2023. Volunteers are requested to be available from 500L to 1200L; the event runs from 700L until 1100L. Volunteers are needed for site setup at 1600L the Friday before. Please contact Terry [WB3BKN] to volunteer.

**FIELD DAY 2023:** The fourth weekend in June is June 24-25, so save the date! QTH: Central Penn College, 600 Valley Road, Summerdale, PA 17093 with overnight operations.

**OLD BUSINESS:** None Reported.

**NEW BUSINESS:** Joe [K3SZH] mentioned that someone sent him a link to a site that does the usual callsign lookup for an area, but instead of a list, it shows it on a map. He will share with the club since there was interest from tonight's attendees about it.

**FOR THE GOOD OF THE CLUB:** Terry [WB3BKN] has updated our club information with the ARRL.

**ADJOURNMENT –** A motion to adjourn by Curt [K3URT] and seconded by Paul [KA3SGY]. The meeting closed at 1922L.

**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.*





**WE WANT YOU TO BE A PART OF IT!**

**The most popular on-the-air operating event in amateur radio.  
Join your local community and get in on the action!**

**PARTICIPATE IN YOUR LOCAL  
ARRL FIELD DAY JUNE 24–25, 2023**

**HARRISBURG RADIO AMATEURS CLUB FIELD DAY**

**Central Penn College, 600 Valley Rd, Summerdale.**

**40.30538N x -76.93514W**

**— With overnight operations —**

Contact: Terry Snyder, [WB3BKN1@gmail.com](mailto:WB3BKN1@gmail.com)



**[arri.org/FieldDay](http://arri.org/FieldDay)**



## What is ARRL Field Day? You're Invited!

Field Day is a radio communications event that brings together amateur radio operators (also called “hams”) within your community. The event is part picnic, campout, practice for emergencies, informal contest, and most of all, fun! ARRL Field Day is the most popular ham radio activity held annually in the US and Canada. On the fourth weekend in June each year, more than 35,000 radio amateurs get together with their clubs, groups, or friends to operate from remote locations.

It is a time when many aspects of amateur radio come together to highlight its many roles. While some will treat it as a contest, other groups use the opportunity to practice their emergency response capabilities. It is an excellent opportunity to demonstrate radio communications to the general public and organizations that amateur radio might serve in an emergency. For many radio clubs, ARRL Field Day is one of the highlights on their annual calendar.

The contest part involves contacting as many other stations as possible while learning to operate radio gear in abnormal situations and less than optimal conditions.

These same skills are utilized to help with large, preplanned, non-emergency events such as marathons and bike-a-thons; fundraisers such as walk-a-thons; celebrations such as parades, and exhibits at fairs, malls, and museums.

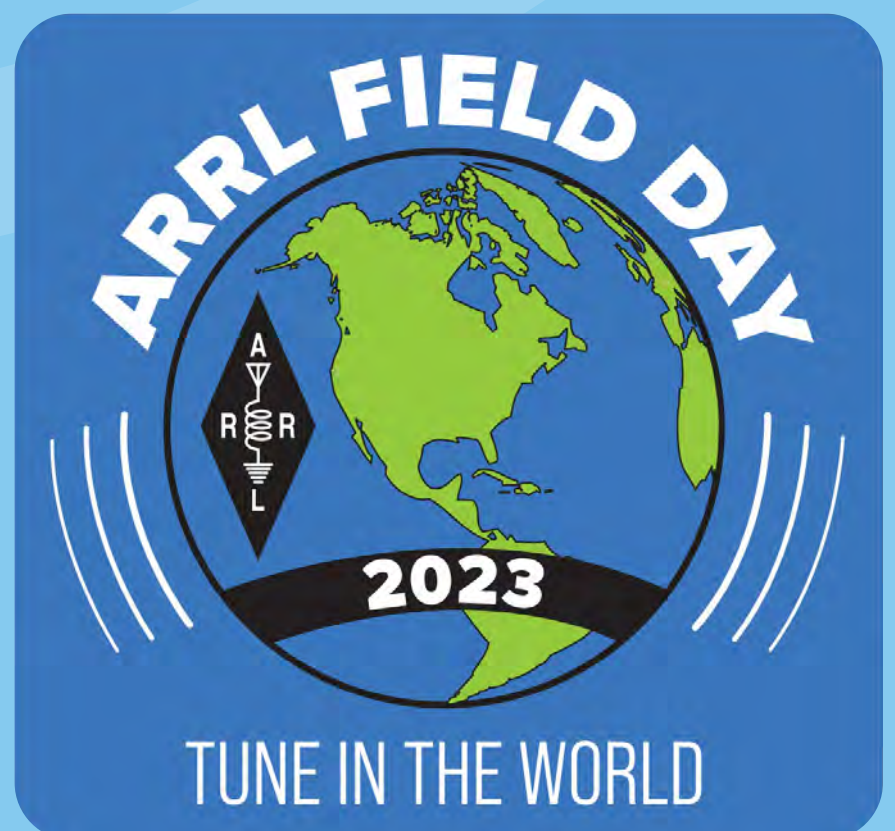
Despite the development of very complex, modern communications systems — or maybe because they *are* so complex — ham radio has been called into action, again and again, to provide communications in crises when it really matters. Hams are well-known for their communications support in real disaster and post-disaster situations.

## What is the ARRL?

With more than 150,000 members, ARRL is The National Association for Amateur Radio in the US. ARRL is the primary source of information and support for radio amateurs. ARRL provides books, news, information for individuals and clubs, special events, continuing education classes, and other benefits to its members.

## What is Amateur Radio?

Often called “ham radio,” the Amateur Radio Service is a worldwide community of licensed operators using the airwaves with every conceivable means of communications technology. It is made up of people who enjoy learning and being able to transmit voice, data, and pictures through the airwaves to places near and far without depending on commercial systems. The amateur radio frequencies are the last remaining place in the usable radio spectrum where an individual can develop and experiment with wireless communications. Not only can hams build and modify their equipment, but they can also create new ways to communicate via the airwaves — and do it as a globally connected community. Many people in the hobby form lifelong friendships with people they wouldn't have otherwise met. Many rock stars, Hollywood actors, and heads of state (and even your neighbor down the street) are ham radio operators. You can be, too! Get started at Field Day!



**ARRL** The National Association for  
**Amateur Radio**®

[arrrl.org/FieldDay](https://arrrl.org/FieldDay)



**W3UU - Harrisburg Radio Amateurs' Club 52<sup>nd</sup> Annual**

**Saturday JULY 1<sup>st</sup>, 2023**

**FIRECRACKER**

**Electronics Expo and Hamfest**



**Harrisburg Postal Employees Picnic Grounds  
1500 Roberts Valley Road  
Harrisburg, PA 17110**

-  Covered Pavilion and Picnic Tables Available
-  Largest Tail Gate Electronic Flea Market in Central PA
-  Hundreds of tailgate spaces available
-  New and refurbished equipment dealers on site
-  Check for updated list of vendors at <http://www.w3uu.org/hamfest/>
-  ARRL Sanctioned Hamfest
-  Great Food (Breakfast and Lunch)
-  Meeting areas available for clubs and discussions (must Pre-Register)
-  DXCC/WAS/VUCC QSL Card checking on site



**General Admission: \$7.00 per person**

**Tail Gating: \$8.00 per space**

**Tables: \$15.00**

**NO Advance Sale Tickets**

**General Admission: 8:00 AM**

**Dealer Setup: Friday 3:00 PM, Hamfest Day 6:00 AM**



**For further information contact:**

**Terry Snyder (WB3BKN)**

PO Box 355

Halifax, PA

717-979-9515

WB3BKN1@gmail.com

**Web Site: [www.w3uu.org](http://www.w3uu.org)**



Directions to the **Harrisburg Postal Employees Picnic Grounds** and  
Hamfest from Rt. I-81:

Located just north of Harrisburg, Pa.

Rt. I-81 to Exit 66 (Follow signs to North Front Street)

Continue straight on North Front Street for 1.6 miles

Turn right onto Roberts Valley Road

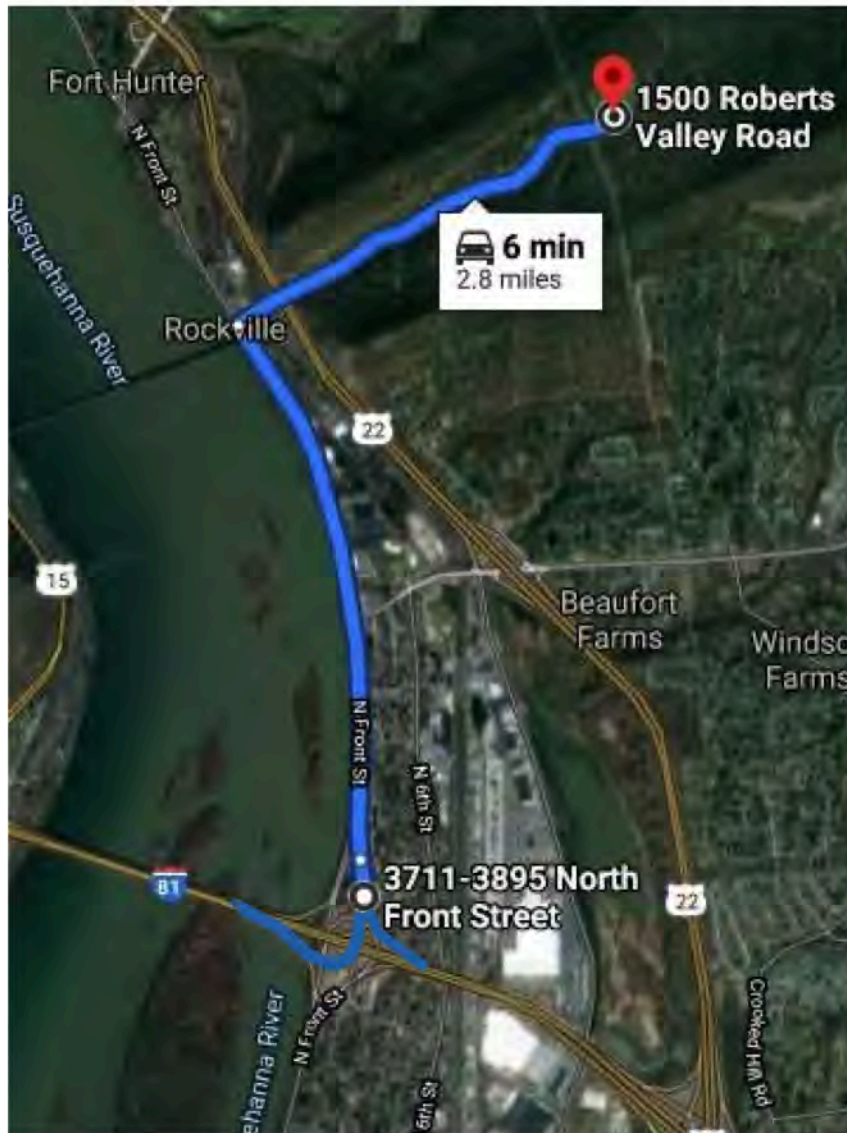
Hamfest / Convention is 1.2 miles on LEFT.

1500 Roberts Valley Road, Harrisburg, Pa 17110

**The blue path on the map shows going from I-81, Exit 66**



Scan QR Code  
above with  
smart phone  
and it will open  
Google Maps.



**From US-322E/US-22E and points north:**

Take the exit toward PA-443/Fishing Creek/Rockville

Continue onto North Front St/River Rd.

Continue straight on North Front Street for 1.5 miles

Turn LEFT onto Roberts Valley Road

Hamfest / Convention is 1.2 miles on LEFT.

1500 Roberts Valley Road, Harrisburg, Pa 17110

**Mapping/APRS Coordinates**

**Hamfest: 40.34420,-76.88495**



**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](mailto: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](mailto: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!**