



W3UU NEWSLETTER

— July 2021 —

Club Officers:

PRESIDENT:

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w3ztb1@gmail.com

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ka3pdq@juno.com

TREASURER:

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DDDormer@gmail.com

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WB3BKN@djterry.com

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ka3pdq@juno.com



Another Field Day is in the history books. More photos page 8. — Photo by Bob, K3RTS.

HRAC meets the second Wednesday of the each month with “Ham 101” education at 1830L, business meeting, 1900L at the [Harrisburg Vietnam Veterans of America Chapter 542](#), 8000 Derry St., Harrisburg, PA 17111.

President's Message

With summer now upon us, COVID restrictions lifted, and life starting to return to some semblance of normalcy, I look back at these past 16 months. How amateur radio helped many of us through the isolation and the physical and mental tolls. For some, it was a means of staying safely in touch with friends and family. For others, it was an opportunity to escape to the radio lab and work on the project you've meant to finish. This experience has emphasized for me that, although we are part of a world-wide community of amateurs, this hobby really is whatever you want (or need) it to be. I encourage everyone to continue to explore the hobby and not let them return to normalcy and mundane routine extinguish the flame.

This past weekend the club had a good turnout at our Field Day event at Adams-Ricci park. Several new and prospective Hams stopped by our station to see what we were about, and one new technician quickly became fascinated by HF. A special thank you to East Pennsboro Township and all the volunteers who helped make it a success. Also, our Field Day was featured by ABC27 News (www.w3uu.org/abc27-fd21).

I hope to see everyone at the **Firecracker Hamfest** this 4th of July weekend. We still need volunteers; please consider helping out! Keep an eye on emails, Facebook, and w3uu.org for other news and activities this summer. 73 — Zach Bare, W3ZTB, President



The Harrisburg Radio Amateur 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 two hamfests throughout the year: July's **Firecracker Hamfest** /Eastern Pa 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: The well attended **WinterFest** in January is an indoor tailgate fest.

From the Editor:

What is a Newsletter? "...a small publication (such as a leaflet or newspaper) containing news of interest chiefly to a special group..." — *Merriam-Webster Dictionary*

Purpose of a Newsletter: Communicate updates about business, news, services, and club activities. It compliments the club website and other communications. A newsletter should feel like an update from an enjoyable, helpful friend. It is also a historical record of the club.

Content: Like most things, there are a few simple guidelines to follow...

- **Deadline:** 10 days before the start of the next meeting — **(For the AUGUST issue that is end of business day 1 August) no exceptions!**
- Original articles, photographs, graphics are welcome! Don't be shy. Submit your amateur radio passions to the Editor today! It's not hard once you take the first step. *Limited assistance can be provided.*
- Cite the source if not from you. Permission must be obtained from the author using copyrighted material except "fair use" extracts (contact the Editor with questions). Cite photograph credit.
- The Editor reserves the right to edit for brevity and grammar, where needed. Please proof-read before submitting.
- Submit articles, comments, photographs, rants, criticisms to the email address: HRAC.Newsletter@gmail.com

License Testing:

Affiliated with the Laurel Volunteer Examiners (VE), HRAC conducts testing in January (Winter hamfest), February, April, June, August, October, December, and other announced times. Sessions begin promptly at 0900L at the announced location. **Steven, KA3PDQ**, is the Team Leader.

We **require** pre-registration for exams to ensure that we have the level of staffing necessary to conduct an exam. Also, we **require** the FCC Federal Registration Number (FRN) and 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/.

The next session is scheduled for 21 August 2021.

Upcoming Club Events for 2021:

July: 3rd — Firecracker Hamfest/Convention (see attached flyer).

August:

- 3rd: National Night Out (see page 4 for more details).
- 21st: License testing, Saturday, 21 August (see above and website for details).

September:

October: License testing.

November:

December: "Cookie Exchange Night" Club • License testing

Please consider stepping up to make a presentation during one of the meetings' "Ham 101." Everyone has expertise in something and can bring something to the table. Do more than consider, DO it.

CLUB BUSINESS & NEWS REPORT:

The June meeting of the Harrisburg Radio Amateur's Club, Inc. was Called To Order at 1903L, Wednesday, 9 June 2021, by the Vice-President, **Bob, K3RTS**. The usual attending member introductions were made.

Secretary Report – **Steven, KA3PDQ**, read the minutes of the 12 May 2021 meeting. **Dave, KC3MG** motioned and **George, AC3EA** second motion and approved by the membership. (*Addendum items are included in this column.*)

Treasurers Report – **David, KC3MG**, read the report. Motion by **George, AC3AE**, second **Charlie, W3CWT**. Approved.

License Trustee – **Steven, KA3PDQ**, reported that he wanted to step down as Trustee. He gave the President the necessary forms to submit to change the Trustee of the Club (W3UU) station license. No changes reported.

Repeater Committee – **Terry, WB3BKN**, and **Steven, KA3PDQ**, reports the repeater is operating normal.

Equipment Trustee – **Terry, WB3BKN**, reports all equipment was accounted for and insured.

Laurel VE Committee – **Steven, KA3PDQ**, reported that the next exam session is June 19th.

Membership Committee – **Tim, W4NKC**, reports 75 Club members with 43 belonging to ARRL.

Newsletter Editor (*updated from Secretary Report*) – **Curt, K3URT**, asked that articles be proofread before submission, and be sent to:

HRAC.Newsletter@gmail.com. DEADLINE, because of the Hamfest/Convention: 30 June. No exceptions!

Web Page – **Dave, KC3MG**, read the report from the webmaster **Michael, KD3MAD**. He reported that work on the webpage was continuing. He also reported that most of the inquiries were related to licenses or exams.

Addendum - Report post-June meeting: Since May 2021 meeting, continued to clean up older pages and maintenance to the Club Meeting pages and current events.

Introduced a new backup and disaster recovery plug-in for the website entitled "Up-draft" — a prevalent backup tool for Word-Press-based websites and storage for multiple website revisions at a safe off-site location.

Items planned before July 2021 will implement an SSL security certificate from "Let's Encrypt" and will incur no additional cost to the Club.

Some basic statistics for the month (13 May 2021 – 9 June 2021):

- Contact Us Submissions: 6

- Successful Outreach Resulting from Contact Us: 1 (I handled questions re: licensing).

Google Search tracking backs up these numbers, including:

- Number of Impressions: 1,230.

- Number of Clicks: 108 (remains consistent from the current quarter).

- Top Performing Pages: Hamfest (389/51); Home (298/42); Firecracker (50/2).

- Top Searches: w3uu; hamfest pa; local ham radio clubs near me; fema region 3; ham radio prep; hamfest 2021; hamfest; hrac

Note: Items listed above are in order of most to least used. Numbers in the pages section are impressions/clicks to the page.

Primary interests in contacting HRAC continue to be Licensing (pre-exam and exam) and Hamfest. We continue to be an active hub for VE Testing. License Exam Requests: 2

[edited for brevity, Ed.]

Emergency Communications – **Robert, K3RTS**, reported that the ARES/RACES Information Net is Monday at 1900L on the 145.11 repeater. Other nets of interest are the PA-NBEMS Net (digital - Fldigi) Sunday morning on 3.583 MHz USB at 0730L, the PA Auxiliary Communication Service (ACS) Net at 0800L on 3.9935 MH LSB on the first Sunday of the month and the Central PA ACS Net on 3.9935 MHz USB at 0830L. **Addendum:** Dauphin County ARES/RACES are transitioning from bi-monthly to monthly training classes, held the fourth Thursday of the month from 1900-2030L. Next meeting will be 22 July.

They typically meet at the Lower Paxton Township Municipal Building, Meeting Room A. Please park in the upper lot (south side of the building). The Police Department uses the lower lot. No food or beverages allowed in the building.

DXCC: no report.

Elections Committee – No report.

HamFeast – **The Old Country Buffet**, 5083 Jonestown Road, Harrisburg, filed for bankruptcy and is closed.

Hamfest Committee – (*Also see attached flyer, club website, FaceBook, pages 10-11 of this newsletter.*) **Terry, WB3BKN**, reported that door prizes were arriving daily. He was looking to find chairs and tables preferably from a Fire Company for use at the

(Continued on page 4)

CLUB BUSINESS & NEWS REPORT:*(continued from page 3)*

many Seminars that are planned. Set up start is Friday, 2 July, 0900L. There are many jobs that need filled, including overnight security. Talk in will be on the 147.075 repeater. The Club will need everyone's help to make this a successful event. Terry went over the various jobs that need filled.

Field Day – June 26-27, 2021; www.arl.org/field-day ; Adams Ricci Park was voted to be the spot this year! **Charlie, W3CWT** seconded the carried motion.

Old Business – Action on the Bylaws have been tabled until the 1960 articles of Incorporation have been received from the Pennsylvania Department of State.

New Business:

- “Ham 101” **Joe, W3JPH**, presented an informative review of POTA activities utilizing N3FJP logging software.

- A question was asked about recent inquiries about equipment from estates or hams who needed to dispose of equipment. After some discussion **Tim, W4NKC**, motioned that the club would place such notices in the newsletter one-time. **George, AC3EA**, seconded and motion carried.

Good of the Club: no discussion.

Adjournment – With no further business **Dave, KC3MG**, made a motion to adjourn at 2000 hours. **George, AC3EA**, seconded the motion.

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 is strongly encouraged.

Also, please see posts at the HRAC website.

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.

DA FINE PRINT: The *W3UU Newsletter* of the Harrisburg Radio Amateur Club (HRAC) Inc. is published monthly and is © 2021. All Rights Reserved. Every effort is made to ensure that the newsletter is free from error or omissions. The HRAC, it's respective Officers or agents, shall not accept responsibility for offenses (e.g. injury, loss, or damage) occasioned to any person acting or refraining from action as a result of material in this newsletter, whether the offenses in any way are due to any negligent act or omission, breach of duty or default on the part of the HRAC, or representative agents.

Content may be freely used with proper source citation and is of reasonable “fair use” per 17 US Code § 107.

Please NOTE: underlined words in the newsletter are “hot” linked to emails and external websites. HRAC is not responsible for their content or performance.



POLICE-COMMUNITY PARTNERSHIPS

HRAC will be participating in the **Derry Township's National Night Out** on Tuesday, **3 August**, in Hershey, from 1800 until 2000L. We will be discussing and demonstrating the community service that amateur radio provides.

Please contact **Bob Saber, K3RTS**, or **Terry Snyder, WB3BKN**, if you are interested in helping.

Check out Derry Township PD's FaceBook if you want more general information.

— 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 meeting nights)

Website: W3UU.org

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

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Local area nets (all times are local):■ **MONDAYS**

- ✓ 1900: R145.110 MHz, 131.8 Hz Tone, FM, W3ND, Dauphin County ARES/RACES Training Net.
- ✓ 2000: R146.970 MHz, 123.0 Hz Tone, FM, W3HZU Keystone VHF Club net, York.
- ✓ 2030: R145.430 MHz, 67 Hz Tone, FM, N3TWT South Mountain Radio Association net, Mt. Holly Springs.

■ **TUESDAYS**

- ✓ 1900: R146.970 MHz, 123.0 Hz Tone, FM, W3HZU Keystone VHF Club Digital Net.
- ✓ 2100: R145.230 MHz, 114.8 Hz Tone, FM, K3IR Southern Pennsylvania Radio Club net.

■ **WEDNESDAYS**

- ✓ 1900: R146.76 MHz, 100.0 Hz Tone, FM, **Harrisburg Radio Amateurs Club** Information net, W3UU, every Wednesday except club meeting, second Wednesday.
- ✓ 2100: R145.110 MHz, 131.8 Hz Tone, FM, W3ND, Central Pennsylvania SkyWarn™ net

■ **THURSDAYS**

- ✓ 2030: R145.270 MHz, 74.4 Hz Tone, FM, N3TWT, FM Allstar Echolink net.
- ✓ 2100: R145.390 MHz, 118.8 Hz Tone, FM, W3AD Lancaster Transmitting Society net.

■ **FRIDAYS**■ **SATURDAYS**■ **SUNDAYS**

- ✓ 0730: 3.583 MHz, PA-NBEMS, Thor22 and MFSK32.
- ✓ 0830: 3.9935 MHz, Central PA Auxiliary Communication Service, LSB; also PEMA net 0800 first Sunday of the month.
- ✓ 2000: R146.640 MHz, 85.5 Hz Tone, FM, AA3RG Appalachian Amateur Radio Group net.
- ✓ 2030: R147.120 MHz, 100.0 Hz Tone; FM, W3ACH Cumberland Valley Amateur Radio Club net.

■ **DAILY**

- ✓ 1900: 3.585 MHz, CW, Pennsylvania Traffic Net.
- ✓ 1945: R147.015 MHz, 118.8 Hz Tone, FM, W3RRR Lancaster County Welfare Net; Red Rose Repeater Association.

Members: Add or update your favorite regional net!

Harrisburg Amateur Radio History:
75 Years Ago.

Organization of Radio Amateurs Club Planned

The possibility of organizing a local radio amateurs club will be discussed when "hams" of the area meet tomorrow at 8 p. m. at 714 Race street.

The meeting is open to all amateurs and those interested in becoming "hams" in the city area. The organizations active here broke up during the war. In 1936 the "hams" played an important part in providing communications during the flood, it was recalled by Edgar A. Weimer, Jr., city "ham" radio enthusiast.

The [Harrisburg] Evening News, 16 May 1946, p. 29.

Assistance Needed In August

We are looking for radio operators to support the **Eastern States 100 Ultra Marathon**. Eastern States is a 103-mile single-loop trail race (98% single/double-track) in the Wilds region of the Allegheny Plateau in north-central Pennsylvania.

The race circumnavigates a portion of the stunning Pine Creek watershed that includes some of our longest climbs and most technical and remote terrain. It visits storied trails like the Mid State Trail and the Black Forest Trail, and accumulates over 20,000 feet of climbing in the process — all in the glorious heat and humidity of August.

This race is Saturday, August 14 thru 15th, 2021. Radio operators are need to help support Logistics and Tracking runners at the 17 check points.

We need Volunteers for the following aid stations at a minimum AS1, AS3, AS5, AS11, AS16, AS17. Other Aid Stations have slots open.

Please visit

runsignup.com/Race/Volunteer/PA/Water-ville/EasternStates100#16697

to sign up for and position labeled as Radio Operator.

Thanks.

Travis Best, W3TMB

tbest@w3tmb.com • 570-279-1746

(email of 9 June 2021)

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Modified Desks

[picture at left] **Tim Lehman, W4NKC** and **Terry Snyder, WB3BKN** (not shown) re-purposed three student desks donated to the club from the Armstrong Valley Christian School in October 2020. They became two separate operating stations in the club's communications trailer. They fold up and create a safe storage while our radios are in transit. A great job by all! Photo by Terry, WB3BKN.

Tis The Season For Nature's Fury

Amateur's are asked to monitor **WX4NHC** activation at the National Hurricane Center. Possible monitoring and gathering reports from the Hurricane Warning Net on 14.325 and 7.268 MHz and via the VoIP-WX Net on Echolink WXTalk 7203 Conference and IRLP 9219.

Federal Communication Commission (FCC) Proposes \$35 Fees — the saga continues

Amateur radio licensees would pay a \$35 fee for each amateur radio license application if the FCC adopts rules it proposed.... Included in the FCC's fee **proposal** are:

- applications for new licenses
- renewal and upgrades to existing licenses
- vanity call sign requests.

Excluded are applications for:

- administrative updates, i.e. address changes
- annual regulatory fees.

The proposed Rule Making was adopted 12 August 2020, but has not yet been implemented.

For more information:

www.fcc.gov/document/amendment-schedule-applications-fees

Comments to: www.fcc.gov/ecfs/filings

[last viewed 29 June 2021, Ed.]

Some Favorite Info Sources:

- **Space Weather Woman** by Dr. Tamitha Skov, WX6SWW. Keep up-to-date on space propagation. www.spaceweatherwoman.com also at www.youtube.com/c/TamithaSkov (currently adjunct professor at [Millersville University](http://www.millersville.edu)).
- **Amateur Radio Newsline**. www.arnewsline.org
- **ARRL news**. Extensive searchable library of various news content. www.arrl.org/news
- **Harrisburg DMR**. www.hbgdmr.com
- **ARRL Podcasts:**
 - Podcasts are available on iTunes (iOS) and Stitcher (Android) as well as on Blubrry...
 - ARRL Audio News
 - Eclectic Tech
 - On The Air

What's Yours?

Contesting:

The 64th, 2020 PA QSO Party results are in and posted at www.paqso.org. HRAC members did well in the Single Operator, Low Power (SO LP - 5 to 150 watts) class despite poor propagation.

Cumberland County: first place for county, 2nd in state was **W3KB, Keith**, MIXED modes class; and **KB3PQT, Frank**, 3rd county, SSB.

Dauphin County: first place county, 14th state, **K3URT, Curt**, SSB; and **KC3EUU, Stephen**, 4th county, SSB.

Congratulations to all!

- **Contest Calendar July 2021:**
www.contestcalendar.com/contestcal.html
- **One-By-One special events:**
www.1x1callsigns.org
- **Contester Scores:**
www.3830scores.com/index.php
- **ARRL Contest Calendar:**
www.arrl.org/contest-calendar

HRAC members: if you contest, let us know — little pistol or big gun it's all fun!

MEMBERSHIP APPLICATION or RENEWAL

MAIL TO:

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

Make checks payable to **HRAC**

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.)

Dues end December 31st of the year.

NAME _____ CALL _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

PHONE _____ E-MAIL* _____

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

SIGNATURE _____



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

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 only sent via email, so your email address is important!

Join the Gang!

Summer 2021 FIELD DAY— Another Year Completed



Curt, K3URT observes Adam, KC3MFJ, working stations.
Photo by Terry, WB3BKN.



W3UU set up and operating into the night at Adams-Ricci Community Park, Enola. Photo by Terry, WB3BKN.



W3UU Field Day site. — Photo by Bob, K3RTS.



Bob, K3RTS, operating FT8 (foreground), and Curt, K3URT, and Adam, KC3MFJ, operating an HF rig. Photo by Terry, WB3BKN.



Zach, W3ZTB operates digital mode (foreground), Chuck, N3WL, operating HF. Photo by Bob, K3RTS.



WHTM-TV visited the site. A full story may be viewed at: <https://tinyurl.com/cs7cz2tc> Photo by Bob, K3RTS.

More images can be found on the Club's Face Book page.

UPCOMING NEXT: HRAC FIRECRACKER HAMFEST AND CONVENTION

(see attached brochure by Bob, K3RTS, pages 10, 11, for more details).

The latest news:

{GROWING} VENDOR LIST:

The following is a list being compiled of vendors and prize suppliers in alphabetical order committed to attending or being represented at the HRAC 2021 Firecracker and ARRL State Convention:

- ARRL EPA Section (Door Prizes)
- Easy Way Ham Books
- G and G Electronics of Maryland
- KJI Electronics (Authorized Yaesu Dealer)
- RT Systems, Inc.
- Satellite Sam (KG4JMN)
- Sauder Electronics
- Yaesu USA (Promotional Giveaways)

NOTE: This list is growing everyday! Please check back frequently at the Club website: w3u-u.org for an up-to-date list of vendors and speakers scheduled to appear. If you are interested in being a vendor, please feel free to contact **Terry Snyder, WB3BKN**, at wb3bkn1@gmail.com.

In addition to a whole host of amateur radio and electronics on display and for sale.

SCHEDULE OF EVENTS:

Given the ongoing recovery from COVID-19 Lockdown, details are still being planned, but as of now we have confirmed several very exciting sessions.

- 0830: **George Miller, W3GWM**, about ARES.
- 0930: **Tom Mills, AF4NC**, will be doing a presentation on QSL cards.
- 1030: **Riley Hollingsworth, K4ZDH**. Checkout his podcast.
- 1130: Our Keynote Speaker will be **Rick Roderick, K5UR**, President, ARRL!

PLEASE CONSIDER VOLUNTEERING

Not only do we want you to attend the Firecracker Hamfest and ARRL State Convention to enjoy Pennsylvania's premiere amateur radio event, but we need your help! You do not need to be a HRAC Member to assist. If you enjoy these types of events and can spare a little time, PLEASE SIGNUP HERE AS A VOLUNTEER. — w3uu.org **Michael Drawbaugh, KD3MAD**, Webmaster.



Rollin' Smoke Mobile BBQ & Catering serving at 0630L. —HRAC FaceBook (prices and menu subject to change).

W3UU - Harrisburg Radio Amateurs' Club 50th Annual

Saturday JULY 3rd, 2021

FIRECRACKER

Electronics Expo and Hamfest

ARRL PA State Convention



**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 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/UCC QSL Card checking on site

General Admission: \$5.00

Tail Gating: \$5.00 per space

Tables: \$15.00

NO Advance Sale Tickets

General Admission: 8:00 AM

Dealer Setup: Hamfest Day 6:00 AM



For further information contact:

**Terry Snyder (WB3BKN)
PO Box 355
Halifax, PA
717-896-0256
WB3BKN1@gmail.com**

Web Site: www.w3uu.org



Graphic Flyer by Bob, K3RTS.

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

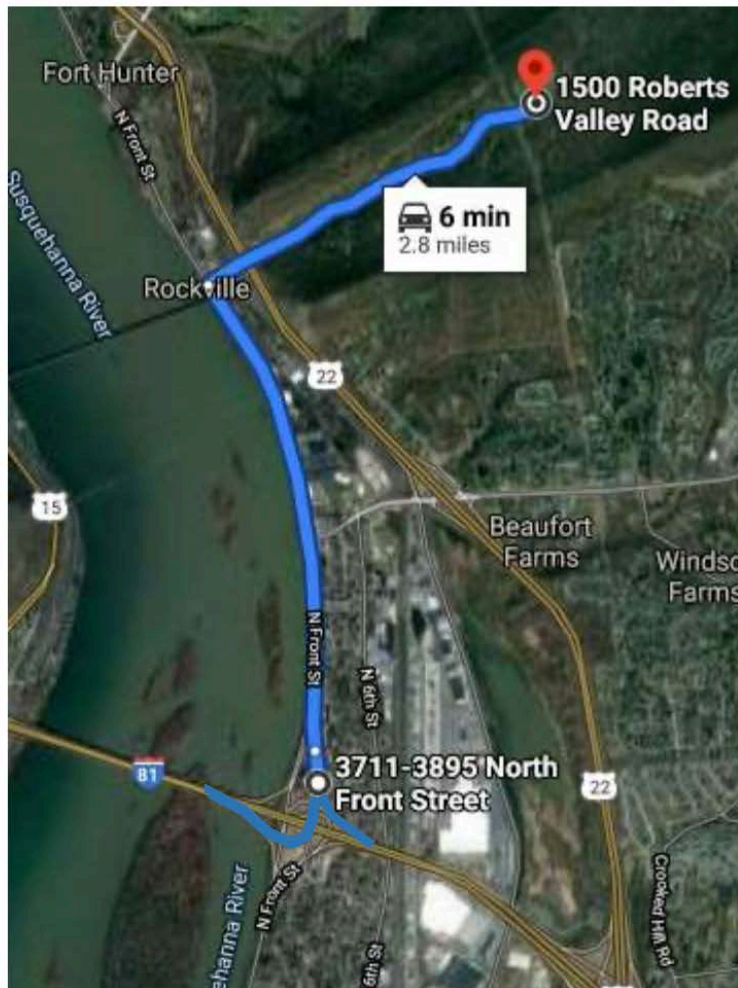
Hamfest / Convention is 1.2 miles on LEFT.

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

Graphic Flyer by Bob, K3RTS.