



# W3UU NEWSLETTER

— SEPTEMBER 2021 —

## Club Officers:

### PRESIDENT:

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[w3ztb1@gmail.com](mailto:w3ztb1@gmail.com)

### VICE PRESIDENT:

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### SECRETARY:

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## Committees:

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Steven Gobat, KA3PDQ  
[ka3pdq@juno.com](mailto:ka3pdq@juno.com)



## Derry Township National Night Out 2021

“ I want to thank, on behalf of the entire HRAC club, the following volunteers who helped make the evening a tremendous success.”

**K3ESU, Emily** and husband **Steve**      **KC3CWT, Charlie**  
**KD3MAD, Mike**      **KZ3KBD, Kendra**      **WB3BKN, Terry**  
**W4NKC, Tim** (via radio although did not connect).

— **Bob Saber, K3RTS**, Vice President, HRAC, Photograph by Bob, K3RTS.



**NEXT MEETING** is **Wednesday, 8 September**. HRAC meets the second Wednesday of each month with “Ham 101” education at 1830L, business meeting at 1900L, all at the Harrisburg Vietnam Veterans of America Chapter 542, 8000 Derry Street, Harrisburg, PA 17111.



**T**he 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.

## HRAC CLUB CALENDAR 2021:

**September:** 8th, club meeting • 11th, HRAC 9/11 Special Event Station, W3M (see page 3).

**October:** 13th, club meeting.  
16th, license testing.  
23rd, HRAC Oktoberfest hamfest.

**November:** 10th, club meeting.

**December:** 8th, club meeting: "Cookie Exchange Night" and Elections.  
18th, license testing.

**January 2022:** 8th, HRAC WinterFest  
12th, club meeting.

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.

### HRAC OKTOBERFEST IS BACK!

See attached flyer at the end of the newsletter and at the HRAC website: <http://www.w3uu.org/oktoberfest/>

**Saturday, 23 October 2021** at the Vietnam Veterans of America, 8000 Derry Street, Harrisburg, PA 17111.

## 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 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/](http://www.w3uu.org/license-exams/).

**—The next test session is scheduled for 16 October 2021, at the Harrisburg Vietnam Veterans of America Chapter #542, 8000 Derry St., Harrisburg, promptly beginning at 0900L.**

### — 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](http://W3UU.org)  
**FaceBook:** [www.facebook.com/Harrisburg-Radio-Amateurs-Club-208171495915056/](https://www.facebook.com/Harrisburg-Radio-Amateurs-Club-208171495915056/)



**Volunteers Needed:  
Ironmasters Challenge**

"I am still considerably short on volunteers for the walk/run event which is scheduled to take place on **Sunday, September 26** at the **Pine Grove Furnace State Park**. This will be the 12th year that we have supported this event.

Would you like some excitement? How about setting up a station and operating out in the field? This event takes place around the Pine Grove Furnace State Park. It consists of two hikes, a 30 miler and a 9 miler.... Both hikes take place on the same day. Between the two hikes there will probably be in excess of 500 hikers.

Our responsibility is to man the Starting/ending location, the two (2) check points, and a water station. ... These are both difficult hikes that take the participants into remote areas several miles from any access roads. ...*This is NOT a stroll through the woods!*

We would like to have at least 4 communicators/loggers at each check point. Communications for this event will be run on the *South Mountain Radio Amateurs (SMRA) 145.43 repeater located in Mount Holly Springs*. ... a simple HT with a rubber ducky antenna will suffice for most communications.

1. We need at least 9 people at the two check points. 5 at CP1 and 4 at CP2....

2. ... 3 people to assist the Net Control station....

3. ... 2 communicators to man the Water Stop (WS) located at the boat rental facility next to Laurel Lake

4. ... 2 or 3 communicators to man the event ending point at the Ironmasters Mansion.

5. ... 3 sweep hikers to ensure that we haven't left anyone out on the hike route. Must be able to hike 10 miles.

Amateur radio provides a very major service to this event."

73 Rick, WA3USG  
RICHARD E GOODMAN,  
199 MAPLE LN  
MECHANICSBURG, PA 17055  
Email: [rickwa3usg@gmail.com](mailto:rickwa3usg@gmail.com)

**SEPTEMBER CLUB EVENTS:**

*September 11<sup>th</sup> 20<sup>th</sup> Anniversary*  
Special Event by  
Harrisburg Radio Amateurs Club  
Harrisburg, PA USA  
[www.W3UU.org](http://www.W3UU.org)






**W3M**  
Lat. 40.4217 Long. -76.6027  
Grantville, PA USA, Lebanon Cty  
Grid FN10qk, POTA# K-1384

To Radio	Date			UTC	Band	Mode	RST
	Day	Month	Year				

**HRAC 9/11 SPECIAL EVENT**

HRAC will be at Memorial Lake State Park commemorating the 20th Anniversary of 9/11/2001. It will also be a Parks On The Air (POTA# K-1384) activation, operating as a **W3M** Special Event call sign.

**DATE/TIME: Saturday, 11 September 2021; 1000 – 1500 hours local (1400-1900 UTC).**

Memorial Lake State Park is located within the Fort Indiantown Gap National Guard Training Site. It has been a key installation for the Army and the Pennsylvania National Guard for more than 90 years. Memorial Lake was established in 1945 in memory and honor of Pennsylvania National Guard soldiers who served in World War I and II. In 1955, Memorial Lake was transferred to the Department of Forest and Waters, now the Department of Conservation and Natural Resources, and became Memorial Lake State Park. It is a fitting location to commemorate the Anniversary.

Expected frequencies: 7.265 and 14.265 ± QRM. We will be setting up the trailer near the parking area off of Lower Road near some picnic tables. There are also charcoal grills available. Bring a chair and food to share. Respond to [hrcw3uu@gmail.com](mailto:hrcw3uu@gmail.com) if you are planning to attend and what you will be bringing.

See you there! 73, **Bob, K3RTS**.  
GPS COORDINATES: 40°25'17.9"N, 76°36'09.2"W (or 40.4217, -76.6027). See more details at the HRAC website:  
<http://www.w3uu.org/hrac-9-11-special-event/>

**HAM 101 / ELMER TIME**

A Power Point presentation on **"Operating the PA QSO Party"** by **Glenn, K3SWZ**, will be given at the next club "Ham 101" at **1830L, 8 September meeting**. This should be of interest to anyone who has operated or plans to operate the PA QSO Party. Lots of good basic information. (Also see page 5.)



## HRAC MEETING MINUTES: 11 August 2021

The August 11, 2021 meeting of the Harrisburg Radio Amateur's Club, Inc. was called to order at 1920HRS by the Vice President, Robert (K3RTS)

The August meeting of the HRAC was held at the Vietnam Veterans Association Building, 8000 Derry St, Harrisburg, PA. Due to the continuing COVID – 19 pandemic those in attendance took the recommended precautions.

The members introduced themselves.

**Secretary Report** – The minutes of the July 14, 2021 meeting were published in the newsletter. Tim (W4NC) made a motion to accept the minutes as published Dave (KC3MG) seconded the motion. Motion Passed.

**Treasurers Report** – Dave (KC3MG) read the treasurers report. For the month of July 2021. Kurt (K3URT) made a motion to accept the July 2021 Treasurer's report Joe (W3JPH) seconded, the motion passed.

**License Trustee** – Dave (KC3MG) has volunteered to take over as the Club license trustee. The paperwork is in process to accomplish this.

**Equipment Trustee** – Terry (WB3BKN) Reported that all equipment was accounted for and insured.

**Repeater Committee** – Terry (WB3BKN) reported that the repeater was having problems including that there is noise reported on the input of the .76 repeater as well as other repeaters in the area. The offending station has been notified and it is being worked on.

**Laurel VE Committee** – Steven (KA3PDQ) reported that the next exam session scheduled is schedule for August 21, 2021 at 8000 Derry St @ 9:00 AM.

**Membership Committee** – Tim (W4NKC) reported that the Club had 75 members with 44 belonging to ARRL.

**Newsletter Editor** – Kurt (K3URT) reported to the group on how to submit articles. Please send articles to [HRAC.Newsletter@gmail.com](mailto:HRAC.Newsletter@gmail.com). With a deadline of **7 days** **Before the end of the month.**

**Web Page** – Michael (WD3MAD) He reported on new items that have been added to the web site.

**Emergency Communications** – Robert (K3RTS) reported that there are training opportunities available. Monday @7PM on the 145.11 repeater and Sunday Mornings on 3993.5 at 8:00AM.

**DXCC** - No report

**Ham Feast** – No Report

**Hamfest Committee** – Terry (WB3BKN) reported that the 2022 Hamfest will again be the PA State Convention. It will be held on July 2, 2022. Discussion continued on how to improve things for next year. The group also discussed about a Octoberfest and a Winter Hamfest.

**Field Day** – No Report

**Trailer Committee** - Terry (WB3BKN) reported that the project was proceeding and that the electrical wiring was next to be done.

**Old Business** – Robert (K3RTS) and Michael (WD3MAD) reported on the special event station held In conjunction with National Night Out.

**New Business** – On September 11, 2021 we will be setting up a Special Event Station at Fort IndianTown Gap "Parks On The Air" Discussion ensued about the merits of a Special Event Call Sign. Hours of operation will be 10AM to 2 PM. PA QSO Party -Terry (Wb3BKN) made a motion to sponsor a plaque. Seconded by Tim (W4NKC). Motion Carried

**Good of the Club** – At the August meeting Glenn (K3SWZ) will teaching about the PA QSO Party .

**Adjournment** – With no further business Dave(KC3MG) made a motion to adjourn at 2000 hours. Joe (W3JPH) seconded the motion.

Respectfully Submitted

**Terry Snyder, WB3BKN**  
 Edited by **Steven Gobat, KA3PDQ**

*The Meeting Minutes is a document of HRAC, Inc. Therefore, all content is unabridged from the original except for font and adjusted fitted format. — Ed.*

## Your Club Website: A Webmaster Report — [www.w3uu.org](http://www.w3uu.org)

Since the July 2021 meeting, we have spent most of our time restructuring the website into a more open information resource regarding amateur radio as a whole vs. simply bragging on the HRAC and the W3UU repeater. We started a section entitled *Getting Started in Amateur Radio*, clearly visible on the website *Home Page*. We also changed the *Home Page* around to ensure the next club event is predominantly displayed for quick access.

We are also finalizing the archives for the new *Newsletter* section of the website and preparing a new *Photo Album* for recent events. We are all in the middle of creating a new *Ham Edu/Elmer* section to highlight recent and future presentations.

We are still planning to implement an SSL security certificate to avoid most major browsers from claiming the site is not secure and show “the lock.” Still, on the shortlist for work in August. There was also some discussion about adding PayPal back to the website.

As always, please continue to provide feedback and suggestions for information and content. This is the club’s website, so membership is highly encouraged to share feedback with Michael KD3MAD at either [kd3mad@w3uu.org](mailto:kd3mad@w3uu.org) or [webmaster@w3uu.org](mailto:webmaster@w3uu.org).

### Website statistics for the month July 15, 2021 – August 11, 2021:

- Contact Us Submissions: 7
- Successful Outreach Resulting from Contact Us: 3 (potential members; hams returning to active status; concerns).
- Primary interests in contacting HRAC continue to be Licensing (pre-exam and exam) and Hamfest. Google Search tracking backs up these numbers, including:
  - Number of Impressions: 1,480 (Average Placement per Search = 21st).
  - Number of Clicks: 54 (record high – same comment as above).
  - Top Performing Pages: Home (198/27); Hamfest (430/13); Reading Hamfest Announcement (197, 2); Newsletters (12/2).
- Top Searches: w3uu; hamfest pa 2021; hamfest pa; reading hamfest; harrisburg hamfest; ham radio prep.

*NOTE: Items listed above are in order of most used to least used. Numbers in the pages section are impressions/clicks to the page. We continue to be an active hub for VE Testing.*

A club member addressed a submission / concern that someone was using his Call Sign illegally. Issue was handled very promptly and very professionally.

This report is hereby respectfully submitted.

— QSH and 73 de **Michael A. Drawbaugh, KD3MAD, Webmaster, Harrisburg Radio Amateurs Club**

## CONTESTING

- **Contest Calendar September 2021 (over 130 listed):** [www.contestcalendar.com/contestcal.html](http://www.contestcalendar.com/contestcal.html)
- **One-By-One special events:** [www.1x1callsigns.org](http://www.1x1callsigns.org)
- **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)

Popular contests for **September** are:

- 11-13th — [ARRL September VHF Contest](#).
- 25-26th — [CQ Worldwide DX Contest, RTTY](#).
- And many more [State QSO Parties](#).

### Coming in October: the 65th PA QSO Party

Goody, K3NG, PQP VP, announces the 2021 Bonus station will be W3RRR, [The Red Rose Repeater Association](#), Lancaster. The PQP will be Saturday, October 9 from 1200L to 2359L, and Sunday the 10th from 0900L to 1800L. Make your operating plans today at: <https://paqso.org/--party-plan-entry.html>

See “Ham 101” page 2 for a scheduled presentation on the PQP by **Glenn, K3SWZ**.

### World Radiosport Team Championship 2022 (WRTC-2022) have been updated.

Qualification standings: <https://www.wrtc2022.it/en/qualification-standings-9.asp>

### Contest Results:

**Curt, K3URT**, reports coming in third place, W3, in the [Ten-Ten](#) (10 meter band) SSB Summer contest, 2021.

### New Austrian Amateur Radio Callbook

Made available for download by Austria's Telecommunications Authority; issued 1 August 2021.

Pdf version: <https://tinyurl.com/4u5w6wrr>

Excel spreadsheet: <https://tinyurl.com/yyxk4e94>

Sources: [Osterreichischer Versuchssenderverband](#) and [Southgate Amateur Radio News](#), 5 August 2021 (<https://tinyurl.com/fmccb93r>).

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



## EMCOMM NEWS • E M C O M M N E W S • E M C O M M N E W S

**Requested Guarded Frequencies:**

**Haiti:** In a statement received by ARRL on August 14, 2021, Region 2 of the International Amateur Radio Union (IARU-R2) has requested that radio amateurs in the Americas keep the following frequencies clear to support emergency communications in Haiti following an earthquake.

The frequencies are: 3750 kHz, 7150 kHz, and 14330 kHz.

Mr. Jean-Robert Gaillard, HH2JR, President of the Radio Club of Haiti, reported significant structural damage. — *ARRL Special Bulletin 10, 17 August 2021.*

**FEMA:** Channels 1 and 2 on 60 meters will be available starting on August 30 for interoperability between US government and US amateur radio stations involved in Hurricane Ida emergency communications. This situation will remain in place until the storm has passed and the need for these channels no longer exists, or on September 6, whichever comes first.

These frequencies will be used: Channel 1 Primary voice traffic 5332 kHz channel center, 5330.5 kHz USB voice; and Channel 2 Digital traffic 5348 kHz channel center, 5346.5 kHz USB with 1.5 kHz offset to center of digital waveform. Stations on 60 meters are asked to yield to operational traffic related to Hurricane Ida. — *ARRL, 30 August 2021; <http://www.arrl.org/news/fema-announces-hf-interoperability-activity-on-60-meter-channels-1-and-2>*

### HAM 101 / ELMER TIME FROM THE AUGUST MEETING

**Terry, WB3BKN**, gave a presentation titled "Simple Antennas That Have Worked Really Well For 100 Years." Don't miss the next Ham 101 on meeting day at 1830L before the business meeting! (See page 2).

See a 2018 presentation by Terry on "Random Wire Antennas" on YouTube at:

[https://youtu.be/gUwBIG\\_8vTI](https://youtu.be/gUwBIG_8vTI)

**From the Editor:****Newsletter submission guidelines:**

**Deadline: For the OCTOBER issue is end of business day FRIDAY, 8 OCTOBER) — sorry, no exceptions!**

✓ Articles, photographs, graphics are welcome! *Limited assistance can be provided.*

✓ Cite the source. Permission must be obtained from the author using copyrighted material except "fair use" extracts. Contact the Editor with questions. Cite photograph credit.

✓ Editor reserves the right to edit for brevity and grammar, where needed. Please proof-read your finalized narrative before submitting. As a practice, the editor will "quote" rather than correct.

✓ Submit to the email address:

[HRAC.Newsletter@gmail.com](mailto:HRAC.Newsletter@gmail.com)

**ARRL East Pennsylvania  
Section News**

**George W Miller, W3GWM**, ARRL Section Manager, [w3gwm@arrl.org](mailto:w3gwm@arrl.org) • Phone (570) 250-1007 • Visit: <https://epa-arrl.org>

In his 28 August email George discusses many topics regarding EMCOMM. He does not expect activation of the Section for an emergency as hurricane season peaks. But, keep in mind, "We may experience flooding in some areas, and local ARES groups may be pressed into service."

ARES member: check your Go-Kit. "Charge up your spare batteries, test your radios and antennas and contact your counties ARRL Emergency Coordinator to let them know you are available."

Note traffic potential on EPAEPTN (3918 kHz at 1700L) and PTN (3585 kHz at 1900L). "Please check

*"The 'Good Old Days' of  
EMCOMM are in the  
distant past."*

into these nets and be prepared to assist." Message traffic is not routed into a storm-affected area until after the emergency is resolved.

"The 'Good Old Days' of EMCOMM are in the distant past. If you are not a member of your county ARES, contact your local ARES Emergency Coordinator and volunteer. We need people, but we need TRAINED people. The days of just showing up with an HT are long gone. We have specific training tasks for each level. Our served agencies such as the county EMA's, the Red Cross, etc, with which we have established Memorandums Of Understanding (MOU) expect professionalism and knowledge. If you are certified as ARES Level Three you are eligible to volunteer to serve outside of your local area. Level One and Two stay home to assist in your county."

George also notes that before volunteering and rushing out to assist, "...make sure YOU are prepared. Can I function at a level where I won't become a liability. Face it, we're all getting older."

*Other news:* ARRL will be switching from Zoom to Microsoft Teams software for virtual meetings.

"We plan on holding more webinars this Fall and Winter. I would like to hear from you about topics you would like to see covered. We have many very knowledgeable Hams in EPA and most are just waiting for a chance to share their skills.

Finally VOLUNTEER! There is always something you can help with be it in your local club, with ARES, or helping me at the Section level. Positions exist waiting for you to fill them."

*Eyeball QSO with George*, September 26th, East Stroudsburg, at the Eastern Pennsylvania Amateur Radio Association Hamfest. And, October 2nd, the Red Rose Repeater Association Hamfest in New Holland.

**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: @145.430 MHz, 67 Hz Tone, 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: @146.76 MHz, 100.0 Hz Tone, FM, **Harrisburg Radio Amateurs Club** Information net, W3UU, every Wednesday except club meeting, second Wednesday.
- ✓ 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**

■ **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.
- ✓ 2000: @146.640 MHz. 85.5 Hz Tone, FM, AA3RG Appalachian Amateur Radio Group net.
- ✓ 2030: @147.120 MHz, 100.0 Hz Tone; FM, W3ACH Cumberland Valley Amateur Radio Club net.

■ **DAILY**

- ✓ 1900: 3.585 MHz, CW, Pennsylvania Traffic Net.
- ✓ 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!**

**SEPTEMBER AMATEUR  
RADIO HISTORY:**

*The Old is the Same as the New...*



Yes, little ol' 73 is really getting kicked around! This familiar abbreviation and cheery ending to QSOs stands for "best regards." *All by itself*, and without embellishment, "73" means "best regards." Yet, probably fifty per cent of all hams insist on sending "73s" or "best 73s" or some other distortion of the simple snappy "73." You wouldn't say "best regardses" would you? Then why put a superfluous "s" on 73? And "best best regardses" (ouch!) is what you say, if you use "best 73s." It's a sign of a good operator to use procedure and abbreviations correctly. Let's all drop our "esses." Make it plain 73 from now on!

"Little ol' 73" ARRL, QST, September 1946. pp. 37

**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 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.

# 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 in portable document format (PDF), via email, so ***a valid, updated email address is important!***

**Join the Gang!**



**W3UU - Harrisburg Radio Amateurs' Club OktoberFest**

**Saturday October 23<sup>rd</sup>, 2021**

**OKTOBERFEST**

**Electronics Expo and Hamfest**



**Vietnam Veterans of America**

**8000 Derry Street**

**Harrisburg, PA 17101**

**7:00 am to 11:00 am**

- 🎃 Admission **\$5.00** per person
- 🎃 Sellers can **tailgate in parking lot or have table(s) inside;**
- 🎃 **Tables inside - \$5.00 each.**
- 🎃 **Tailgate spot - \$5.00 each.**
- 🎃 DXCC/WAS/VUCC QSL card checking on site
- 🎃 Coffee and snacks available

**No reserved table space.**

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

**For further information contact:**

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❄️ **Save the Date! – W3UU WinterFest is January 8, 2022**

*Flyer by Bob, K3RTS*