



# W3UU NEWSLETTER

— MAY 2023 —

## Club Officers:

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### ELMER TIME COORDINATOR:

*vacant*

### HAMFESTS & REPEATER:

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[k3urt@w3uu.org](mailto:k3urt@w3uu.org)

### VE TEAM LEADER:

Tim Lehman, W4NKC  
[w4nkc.hv@gmail.com](mailto:w4nkc.hv@gmail.com)

**QST:** NEXT MEETING is **WEDNESDAY, 10 MAY,** 1830~2030L at the Vietnam Veterans of America Post 542, 8000 Derry St., Harrisburg, PA. **All are welcome!** Business meeting at 1830-1900, followed by **Elmer Time:** "Your report is 5 by 9 with my pre-amp 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? Find out at Elmer Time!



### RST:

#### Readability

- 1 – Unreadable
- 2 – Barely readable, occasional words distinguishable.
- 3 – Readable with considerable difficulty.
- 4 – Readable with practically no difficulty.
- 5 – Perfectly readable.

#### Signal Strength

- 1- Faint signals, barely perceptible.
- 2- Very weak signals.
- 3- Weak signals.
- 4- Fair signals.
- 5- Fairly good signals.
- 6- Good signals.
- 7- Moderately strong signals.
- 8- Strong signals.
- 9- Extremely strong signals.

#### Tone

- 1- Sixty cycle a.c. or less, very rough and broad.
- 2- Very rough a.c., very harsh and broad.
- 3- Rough a.c. tone, rectified but not filtered.
- 4- Rough note, some trace of filtering.
- 5- Filtered rectified a.c. but strongly ripple-modulated.
- 6- Filtered tone, definite trace of ripple modulation.
- 7- Near pure tone, trace of ripple modulation.
- 8- Near perfect tone, slight trace of modulation.
- 9- Perfect tone, no trace of ripple or modulation of any kind.



**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:

- May** ..... 10th, club meeting.
- 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).

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—

### HOPE TO OVERCOME RADIO TROUBLES HERE BY NEW EXPERIMENT

Means of overcoming to a certain extent the troubles of radio fans in this city will be carried out by Dr. J. B. Lawrence, 2006 Market street, in co-operation with the Harrisburg Light and Power Company, Dr. Lawrence announced last evening.

The plan will be to have the company turn off street light circuits in various sections of the city Monday evening while Dr. Lawrence is broadcasting a program to determine whether or not the high tension wires interfere with the amateur receiving sets.

Dr. Lawrence announced that 7.30 o'clock Monday evening a short program will be broadcast and at 9.32 o'clock the experimental program of the company and Dr. Lawrence will be inaugurated. The lights in certain sections of the city will be turned out for a few minutes and the fans in the sections where the lights are shut off are being asked by Dr. Lawrence to telephone the results.

A get-together meeting of the radio fans of Harrisburg and vicinity for the purpose of discussing the experimental program was held by Dr. Lawrence last night. Scores of fans together with a number of electricians, of which Clark E. Diehl, city electrician was one, attended the meeting.

*Harrisburg Telegraph, 26 May 1923, p. 2.*

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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.

## — HARRISBURG RADIO AMATEUR 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)

If interested in serving as Net Control, check-in and attend at least four (4) nets before volunteering. No experience is needed, and the Manager will gladly work with you and provide a suggested script to follow.

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

★ **WANTED: Elmer Time Coordinator: a volunteer who arranges monthly guests for amateur radio** related presentations after the business meeting.

Apply to: **Terry WB3BKN**, [WB3BKN1@gmail.com](mailto:WB3BKN1@gmail.com)

★ **"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 65 members with 46 holding membership in ARRL (70.8%).

★ **HRAC Laurel VE Report - April.**  
 See page 4.

**The Power of Amateur Radio**

"As was previously announced, March 25, 2023 through April 2, 2023 (midnight UTC), was the special event station W2A event in recognition of World Autism Awareness Week. The obvious and intended purpose of this SES was to bring awareness to the special ability (not disability) of Autism and those that find themselves on the ASD spectrum. A disorder that is currently affecting 1 in 60 children being born today and many recent studies are claiming even more than that.

Sponsored by the Ten Mile River Scout Camp ARC - W2TMR, Narrowburg NY, and managed by James (KB2FMH), we have shown the power that amateur radio can bring to a cause, especially something as important as Autism. Here are the results as reported by James (KB2FMH):

Stats As of ... April 6, 2023:  
 10,027 total contacts  
 4,997 Phone • 687 CW • 4,343 Digital

50 US States • 663 US Counties

4 Canadian provinces plus one in the NWT

147 countries • 6 Continents  
 Total DX miles: 26,857,547 (That's almost 27 Million miles)  
 Not counting US to US contacts.

40 CQ Zones • 2,571 Grid Locators (6 character!)

'I can only say THANKS to all of you for your time and effort in making this undertaking an epic operation, the First and Only global cooperative special event, Ever, and for a very worthy cause. You are all a part of Amateur Radio History' said James (KB2FMH).

If you had the opportunity to make contact with any W2A operator, the deadline for the SES QSL cards is May 1, 2023. As of the time of this article, information can still be found on the W2A

QRZ page.

*This article is being humbly submitted by **Michael (KD3MAD)** and **Kendra (KZ3KBD)** who were actively engaged in the SES and operated both at their QTH, as well as at several POTA Reference Points to help bring attention to this extremely important cause."*

**Elmer Time April Meeting:**

**Terry, WB3BKN**, presented a video lesson on properly setting your microphone and ALC gain for your rig.

**QUA HRAC?**

Send to:

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

Deadline for next newsletter submissions is by end of business day, Wednesday, **3 May, 2023.**

**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 285 Novice; 10,834 Technician; 6,309 General; 1,343 Advanced; and 5,576 Extra licensed amateur radio operators. Total: 24,347.  
 — <http://www.arrl.org/fcc-license-counts>, 30 April 2023.

## 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, 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**.)

— HRAC Laurel VE 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**

## CONTESTING et al

### ◆ Contest Calendar May 2023 (126):

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

*Popular for the month:*

- 10-10 International Spring CW (6-7th).
- K1USN Slow Speed CW (1, 5, 8, 12, 15, 19, 22, 26th).
- CQ WW WPX CW (27-28th).

### ◆ One-By-One special events (53 calls, 33 events):

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

*Popular for the month:*

- 7th Call Area QSO Party (16 calls; 3-6th).
- Gulf Coast Hurricanes SES (6 calls; 19-23rd).
- Armed Forces Day (23-25th).
- Vietnam Veterans Memorial SES (26-27th).

### ◆ State QSO Parties (6):

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

*Popular for the month:*

- 7th Call Area (AZ, ID, MT, NV, OR, UT, WA, WY; 6-7th).
- New England (CT, ME, MA, NH, RI, VT; 6-7th).

**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/)

### Winter Field Day 2023 Results Are In.

For results go to: [www.winterfieldday.com/results.php](http://www.winterfieldday.com/results.php)

The following HRAC member results:

KD3MAD Cat O Class 1, 2040  
K3URT Cat H Class 1, 1192  
KB3PQT Cat H Class 1, 156

### 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*

### Armed Forces Cross-band Test — 13 May

Not a contest, but a unique opportunity to test two-way communications between military communicators and radio stations in the Amateur Radio Service (ARS), as authorized in 47 CFR 97.111. These tests provide opportunities and challenges to demonstrate individual technical skills in a tightly controlled exercise scenario.

Military stations will transmit on selected frequencies and will announce the specific ARS frequencies monitored. All of the times are Zulu time, and all frequencies are Upper Side Band unless otherwise noted. The frequencies used for the test will not stray outside the confines of the exercise.

For stations, times and frequencies: [www.dodmars.org/mars-comex-information-website/armed-forces-day](http://www.dodmars.org/mars-comex-information-website/armed-forces-day)

### TECHNICIAN

#### LICENSING CLASS

**Start/End Dates:** May 6, 13, 20, 27 and June 3, 2023 (5 sessions)

**Times:** 0900-1100L

*Pre register required:* Yes

*Fee:* no fee for class or test but, there is a \$35 licensing fee payable to the FCC

*Pre Study required:* No

*Class Type:* Traditional

*Exam offered:* Yes

*Sponsoring Club:* South Mountain Radio Amateurs

*Instructor:* NC3O • Contact: Robin Cartwright W3KAT


*Phone:* 717-422-1349

*Email:* [techsession@n3tw.org](mailto:techsession@n3tw.org)

**Location:** Cumberland County Department of Public Safety  
1 Public Safety Dr., Carlisle, PA 17013

*Additional Information:* South Mountain Radio Amateurs is pleased to be offering an Amateur Radio Course. This class consists of 5 ongoing classes, based on the ARRL's "Ham Radio License Manual" for the Technician License class. An examination session at the conclusion of the course will also be offered; all at no charge. What is included with the session?

- Text: "Ham Radio License Manual" by ARRL—**5th Edition**
- Five, 2-hour Power Point presentations, (with down loadable notes).
- To obtain a license, you must successfully complete a Licensing Examination session and pay a \$35 licensing fee to the FCC.
- Each student who passes the exam will receive:
  - BaoFeng UV-5R HT Radio and will be taught how to manually program it with local repeaters, simplex and emergency frequencies.
  - Session on "how-to" manually program the UV-5R on June 17th.
- The license test will be conducted on June 10th.



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

<https://epa-arrl.org>

**Bob Wilson, W3BIG,**  
Section Manager

**EMCOMM:**Dauphin County, PA  
ARES/RACES**MEETING & NEWS**

**Bob Saber, K3RTS**, Dauphin County Emergency RACES Radio Officer announces in-person meetings are on the **4th Thursdays of the month at 1900L**.

The next meeting is **Thursday, 25 May at the Swatara Township EOC, 599 Eisenhower Blvd, Harrisburg**.

- ◆ Event and help needed: **May 29, 1000-1400 hours - Linglestown American Legion Memorial Day Parade**.

**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 April 1st SET drill:

- KC3TGO, Steve Bevan
- KC3LYV, Todd Landry
- KA1YSR, Chuck Maletich
- KC3OPJ, Rina Landry
- KD3MAD, Michael Drawbaugh
- KZ3KBD, Kendra Drawbaugh
- K3URT, Curt Sanders
- K3HQL, Ralph Brandt
- KC3NRK, Frank Aponte
- K3RTS, Bob Saber

◆The following participated in the 17 April Dauphin County drill. The county did not include amateur radio. However, after submitting a Dauphin County ARES report that shadowed operations, "This is good stuff! Thank you for sharing and good job!" ICS-213RR's were submitted as part of the ARES drill.

- WA3ATV, Dan Rapak
- K3DMM, Denny Magdole
- K10EH, Peter Fleszar
- KZ3KBD, Kendra Drawbaugh
- KC3LYV, Todd Landry
- KD3MAD, Michael Drawbaugh
- KC3NRK, Frank Aponte
- KC3OPJ, Rina Landry
- K3RTS, Bob Saber
- KC3TGO, Steve Bevan
- K3URT, Curt Sanders
- KA1YSR, Chuck Maletich

**Centre County PA ARES/ACS/RACES** is looking for public service volunteers for this season. Review [www.aresracescentrecountypa.com/?p=1117](http://www.aresracescentrecountypa.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!**

**SKYWARN TRAINING:**

- **Advanced Spotter Talk - Storm Science**  
Monday, May 8, 1800-2000L  
[attendee.gotowebinar.com/register/8357481770596692824](http://attendee.gotowebinar.com/register/8357481770596692824)
- **Advanced Spotter Talk - Radar**  
Thursday, May 25, 1800-2000L.  
[attendee.gotowebinar.com/register/3432970400416028758](http://attendee.gotowebinar.com/register/3432970400416028758)

Please go to the above links to register for each session! These are online courses only.

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™

**FCC Exposure Rules Now in Effect.**

On **3 May 2023**, all transmitters operating in the U.S. must comply with RF exposure rules — including amateur radio.

What to do? Go to the ARRL RF Exposure Calculator: [arrl.org/rf-exposure-calculator](http://arrl.org/rf-exposure-calculator)

Each of your antennas needs to be assessed. Do you have multiple antennas? Make a document list. Once completed, tuck it away in your license files. The FCC will not be asking for this assessment only if they visit a station for reasons other than RF safety. But it is good amateur radio practice to have the evaluation done and filed.

Yep — it includes your camping antenna. Assure a reasonable distance from others.

**FCC Proposes Changes to 60-Meter Band**

"The Federal Communications Commission (FCC) is seeking comments about changing the secondary allocation available to radio amateurs on 60 meters. The FCC issued a Notice of Proposed Rulemaking (NPRM) on April 21, 2023, that deals with the band. In a prior petition, ARRL, The National Association for Amateur Radio, urged protecting the existing use of the band by amateurs when adding a new allocation adopted internationally.

Currently, radio amateurs in the US have access to five discrete channels on a secondary basis... Users ... are limited to an effective radiated power (ERP) of 100 W PEP.

The FCC proposes to allocate 15 kHz of contiguous bandwidth between 5351.5 - 5366.5 kHz on a secondary basis with a maximum power of 15W EIRP (equivalent to 9.15 W ERP). This allocation was adopted at the 2015 World Radiocommunication Conference (WRC-15).

... Doing so would result in amateurs losing access to four of the five discrete channels, and power limits... However, it would provide access to a new contiguous 15 kHz band that includes one of the current five channels." — ARRL Bulletin 6 ARLB006, April 28, 2023.

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



**MINUTES OF THE April 12, 2023 MEETING**

**MEETING CALL TO ORDER:** The Wednesday, April 12, 2023, meeting of the Harrisburg Radio Amateur's Club, Inc. was called to order at 1839L by the Vice-President, Chuck [KA1YSR], 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:** March 2023 Minutes. Opened for comments, questions, and corrections. Motion to Accept the corrected Secretary Report by Tim [W4NKC]. Curt [K3URT] seconded the motion; the attending membership approved the minutes by voice vote.

**TREASURER'S REPORT:** Frank [KC3NRK] reported that he and Dave [KC3MG] have a meeting set to transfer Treasurer duties and banking credentials to Frank [KC3NRK].

**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 cataloging of equipment in the trailer is almost finished and as the weather gets better that will continue. Next up is organizing and cataloging equipment in the storage unit. Please contact Terry [WB3BKN] to volunteer to help.

**LAUREL VE COMMITTEE:** Volunteer VE attending Tim [W4NKC] reported that the next testing date is Saturday, April 15, 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. As of tonight's meeting, we had 9 test takers

signed up.

**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 65 current members with 46 being ARRL members (70.8%). 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, May 3, 2023. Please send newsletter articles to newsletter@w3uu.org.

**WEB PAGE COMMITTEE:** Terry [WB3BKN] reported that the Domain Name and Hosting has been renewed.

**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).

– Thursday April 20 @ 1900L - Dauphin County ARES Exercise in conjunction with the County wide exercise. This will be an exercise from your home. Details to be disseminated during the weekly ARES/RACES net on Monday April 17, 2023.

– Saturday April 29 @ 0730L until 1130L at Enders-Fisherville School in Halifax – Robert [K3RTS] has only heard back from a couple people and need more to be able to do it. Last year we had 8 operators and that worked out well. Let Robert [K3RTS] know ASAP if you can assist. The race organizers are also looking for people to direct traffic. Please let Terry [WB3BKN] if you or someone you know can assist.

– Monday May 29 @ 1200L to 1400L tentative - Linglestown American Legion

Memorial Day Parade. Robert [K3RTS] will be attending an organizational meeting in early April and will get more information then.

– Winlink Thursdays are back. Schedule as follows: April 13, 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 10 people attend tonight's Elmer Time. Terry [WB3BKN] presented a video and imparted knowledge on how to set up your Microphone Gain and ALC (Automatic Level Control) on your radio to get the best transmitted voice clarity.

**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! We are considering Memorial Lake again this year, but if you have a different location, please let a Club Officer know.

**OLD BUSINESS:** None Reported.

**NEW BUSINESS:** None Reported.

**FOR THE GOOD OF THE CLUB:** None Reported.

**ADJOURNMENT** – A motion to adjourn by Tim [W4NKC] and seconded by Curt [K3URT]. The meeting closed at 1914L.

**RESPECTFULLY SUBMITTED** by Frank Aponte [KC3NRK], 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.*

**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/UCC 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

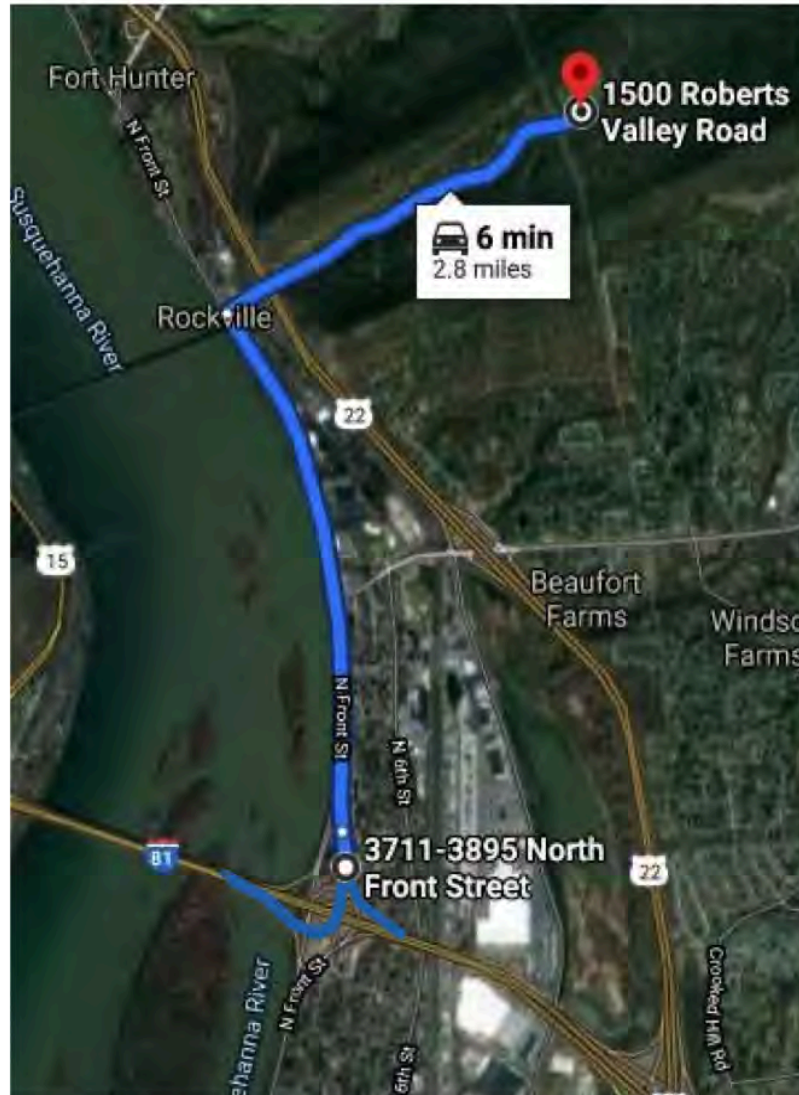
Hamfest / Convention is 1.2 miles on LEFT.

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**

ARRL Field Day — June 24-25, 2023  
QTH: Central Penn College, 600 Valley Road, Summerdale, PA 17093  
— with overnight operations —



<http://www.arrl.org/field-day>

— 76 years service to the Capitol of Pennsylvania —

**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!**