



# W3UU NEWSLETTER

## — JUNE 2022 —

### Club Officers:

#### PRESIDENT:

Robert Saber, K3RTS  
[k3rts@w3uu.org](mailto:k3rts@w3uu.org)

#### VICE PRESIDENT:

*vacant*

#### SECRETARY:

Frank Aponte, KC3NRK  
[kc3nrk@frankaponte.com](mailto:kc3nrk@frankaponte.com)

#### TREASURER:

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

#### LICENSE TRUSTEE:

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#### EQUIPMENT TRUSTEE:

Terry Snyder, WB3BKN  
[WB3BKN@djterry.com](mailto:WB3BKN@djterry.com)

### Committees:

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#### EMCOMM:

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#### MEMBERSHIP:

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**NEW!** [newsletter@w3uu.org](mailto:newsletter@w3uu.org)

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[johannon.jh@gmail.com](mailto:johannon.jh@gmail.com)

#### HAMFESTS & REPEATER:

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#### NET OPERATIONS:

David Dormer, KC3MG  
[DDDormer@gmail.com](mailto:DDDormer@gmail.com)

#### VE TEAM LEADER:

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

**QST:** NEXT MEETING is **WEDNESDAY, 8 JUNE 1900L**, beginning with "Elmer Time" at 1830L, followed by the business meeting at 1900, at the Harrisburg Vietnam Veterans of America, 8000 Derry St., Harrisburg. All are welcome!

For **Elmer Time**: Setting up a home shack by Terry **WB3BKN**. You don't want to miss this!



*Photo, WB3BKN*



## FIELD DAY 2022

See page 3 for the physical location of the Club station W3UU, operating one day, Saturday, June 25, 1000-2030L.

Under new ARRL rules, individual members may operate from home and add their points to the Club under: **Harrisburg Radio Amateurs Club** (see page 4).

"Field Day is a picnic, a campout, practice for emergencies, an informal contest and, most of all, FUN!

It is an excellent opportunity to demonstrate Amateur Radio to the organizations that Amateur Radio might serve in an emergency, as well as the general public.

The contest part is simply to contact as many other stations as possible and to learn to operate our radio gear in abnormal situations and less than optimal conditions." — "What is ARRL Field Day?" excerpt, ARRL publication, March 2021.

*And...*

**W3UU - Harrisburg Radio Amateurs' Club 51<sup>st</sup> Annual**

**Saturday JULY 2<sup>nd</sup>, 2022**

**FIRECRACKER**

**Electronics Expo and Hamfest**

**ARRL PA State Convention**



See pages 11-12 ...



**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 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: **Oktoberfest**. Third: the well attended **WinterFest** in January is an indoor tailgate fest.

## HRAC CLUB CALENDAR 2022:

**June:** .....8th, club meeting.  
 .....18th, license testing (see below).  
 .....25-26, Field Day. (See pages 3-4).  
**July** .....2nd, Firecracker HamFest & Convention. (See pages 11-12).  
 .....13th, club meeting.  
**August** .....2nd, National Night Out  
 .....10th, club meeting.  
 .....20th, license testing ( see below)  
**September** .....14th, club meeting.  
 Please consider stepping up to make a presentation during one of the meetings' "Elmer Time." Everyone has expertise in something and can bring something to the table. Do more than consider, 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 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/)

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## LICENSE TESTING:

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. 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.
- ◆ 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.) ■

**The next test session  
 is scheduled for  
 Saturday, 18 June  
 2022, at the  
 Harrisburg Vietnam  
 Veterans of America,  
 8000 Derry St.,  
 Harrisburg, PA  
 promptly beginning at  
 0900L.**

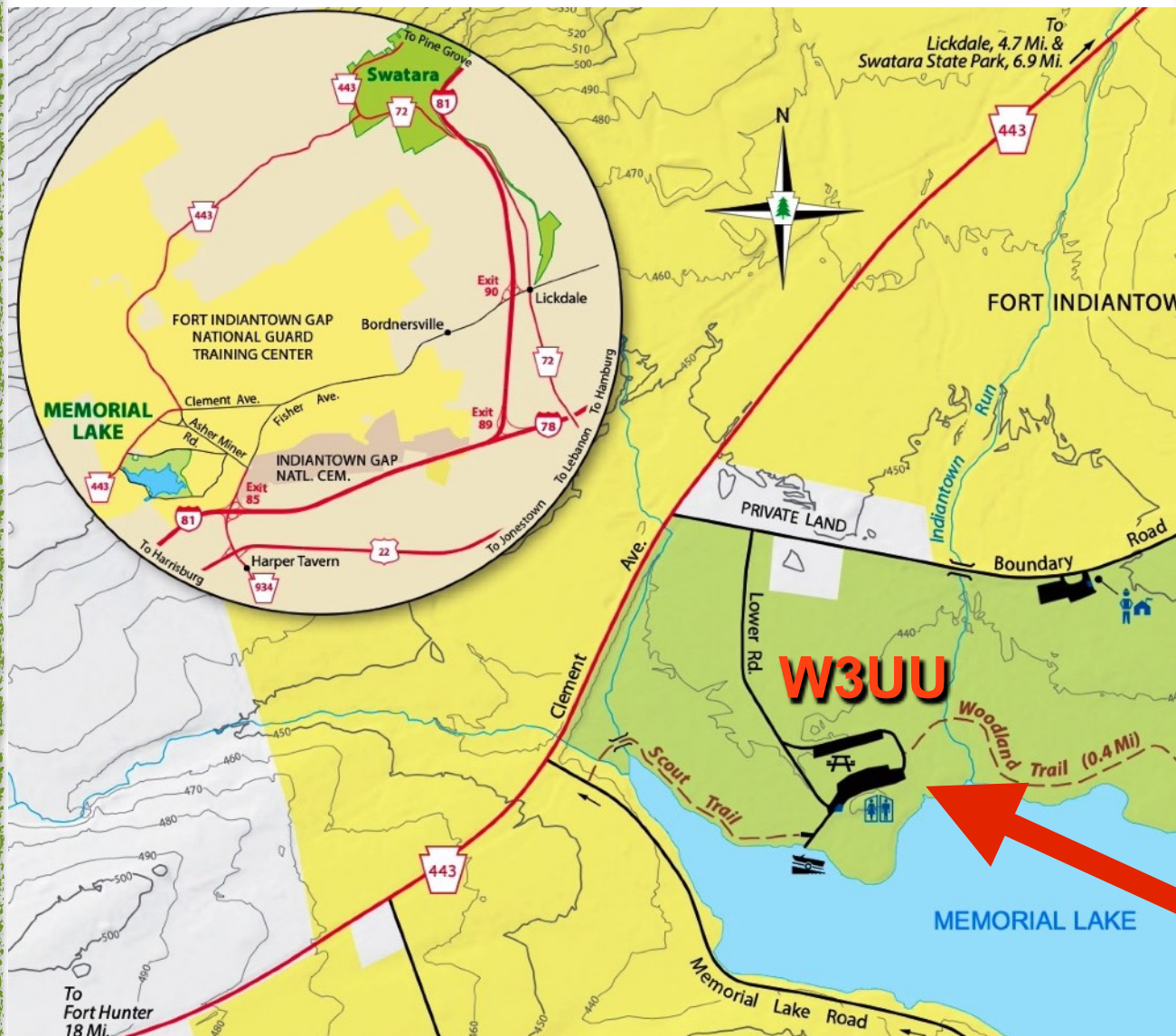
**NEW:** FCC will charge \$35 for new licensees or call sign change (vanity).  
**NEW:** Technician Class test pool changes 1 July 2022!



**W3UU ARRL Field Day — 25 June — 10 a.m. to 8:30 p.m.**



# FIELD DAY 2022



PA DNR Map: <https://www.dcnr.pa.gov/StateParks/FindAPark/MemorialLakeStatePark/Pages/Maps.aspx>

**Memorial Lake State Park, Ft. Indiantown Gap, Lebanon County.**  
Lower Road Parking area.

**CONTACT: Bob, K3RTS at [k3rts@w3uu.org](mailto:k3rts@w3uu.org)**

# BONUS POINTS ADD UP!

Use this Bonus Points Calculator to keep track of your Field Day Bonus Points (see Rule 7.3 for details).

All bonus points require submission of proof and will be verified before being added to your score.

Maximum bonus points are listed unless otherwise noted.

POINTS	ACTIVITY	AVAILABLE CLASSES
	<b>100% Emergency Power.</b> 100 bonus points per transmitter; max. 20 transmitters, max. 2,000 points. Bonus stations (such as the GOTA station and satellite station) do not count toward determining the number of transmitters for the class and do not qualify for transmitter bonus points.	A, B, C, E, and F
	<b>Media Publicity.</b> 100 bonus points. Bonus points may be earned for obtaining publicity from the local media. A copy of the media publicity received (newspaper article, news website post, etc.) must be submitted to claim the points.	All
	<b>Set Up in Public Place.</b> 100 bonus points.	A, B, and F
	<b>Public Information Table.</b> 100 bonus points. A copy of a visitor log, copies of club handouts, or photos are sufficient evidence for claiming this bonus.	A, B, and F
	<b>Message to ARRL Section Manager or Section Emergency Coordinator.</b> 100 bonus points. See Rule 7.3.5 for message format. This message is separate from the messages handled in Rule 7.3.6 and may not be claimed for bonus points under that rule.	All
	<b>W1AW Field Day Message.</b> 100 bonus points. Copy, via amateur radio, the special Field Day bulletin transmitted by W1AW or K6KPH and include an accurate copy of the message with your Field Day entry.	All
	<b>Message Handling NTS/ICS-213.</b> 0 to 100 points maximum, calculated by taking the Number of Messages (max. 10 messages): _____ × 10 bonus points for each formal message originated, relayed, or received and delivered during the Field Day period. Copies of each message must be included with the Field Day entry. The message under Rule 7.3.5 does not count. All messages claimed for bonus points must leave or enter the Field Day operation via amateur radio RF.	All
	<b>A Satellite QSO.</b> 100 bonus points. Satellite QSOs also count for regular QSO credit. List these contacts separately on the summary sheet as a separate "band." The QSO must be between two Earth stations through a satellite. Stations are limited to one (1) completed QSO on any single channel FM satellite.	A, B, and F
	<b>Natural Power QSOs.</b> 100 bonus points. Complete at least five QSOs without using power from commercial mains or petroleum-driven generator. A separate list of natural power QSOs should be submitted with your entry.	A, B, E, and F
	<b>Site Visit by Invited Elected Official.</b> 100 bonus points.	All
	<b>Site Visit by Invited Served Agency Official.</b> 100 bonus points. Visits from ARRL officials (SM, SEC, DEC, EC, etc.) do not qualify for this bonus.	All
	<b>Educational Activity.</b> 100 bonus points.	A, D, E & F. See website for D & E rules
	<b>Youth Participation.</b> <input type="checkbox"/> For Class A, C, D, E, or F groups: 20 bonus points per participant age 18 or younger that completes at least one QSO; max. 100 points. <input type="checkbox"/> For a one-person Class B station: 20 bonus points if the operator is age 18 or younger; max. 20 points. <input type="checkbox"/> For a two-person Class B station: 20 bonus points for each operator age 18 or younger; max. 40 points.	All (see specific points per class)
	<b>GOTA Bonus.</b> See Rule 7.3.13 for the bonus point breakdown.	A and F
	<b>Use the Field Day Entry Web App.</b> 50 bonus points. Submit the entry using the web app at <a href="https://field-day.arrl.org/fdentry.php">https://field-day.arrl.org/fdentry.php</a> .	All
	<b>Safety Officer Bonus.</b> 100 bonus points. Include a statement with the supporting documentation for your entry, verifying that a designated Safety Officer completed the ARRL Field Day Safety Check List.	A
	<b>Social Media Bonus.</b> 100 bonus points. Promote your Field Day activation to the general public via social media (Facebook, Twitter, Instagram, etc.). Individual participants do not qualify for this bonus. Club websites do not qualify as social media. Available to all classes who welcome visitors to their operation.	All
	<b>TOTAL BONUS POINTS CLAIMED</b>	

<https://tinyurl.com/3ndkwd4z>

EPA Section Manager George, W3GWM via WinLink or EPAETN net 1700L, 3.918 MHz LSB.

Complete ARRL Rules: <http://www.arrl.org/files/file/Field-Day/2022/2022%20Field%20Day%20Packet%20v2.pdf>



## LICENSE STUDY INFORMATION

### Technician and General Classes: Lancaster County Public Service Training Center

Technician: August 20-21 & October 15-16

General: October 29-30

#### Contact:

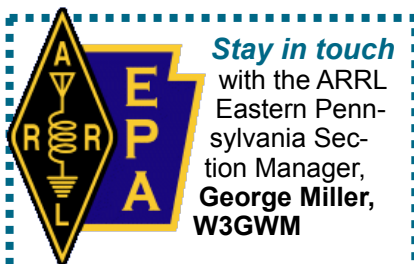
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717-792-1017  
[ralph.brandt@comcast.net](mailto:ralph.brandt@comcast.net)

## 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.



**Stay in touch**  
with the ARRL  
Eastern Penn-  
sylvania Sec-  
tion Manager,  
**George Miller,**  
**W3GWM**

URL: <https://epa-arrrl.org>  
Email: [W3GWM@PTD.NET](mailto:W3GWM@PTD.NET)

### QUA HRAC?

Send to:  
[newsletter@w3uu.org](mailto:newsletter@w3uu.org)  
or  
[webmaster@w3uu.org](mailto:webmaster@w3uu.org)

## — HRAC CLUB & MEMBER NEWS —

★ A **NEW** feature: "**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. How and why did you pick your vanity call sign? (if applicable). Have any other hobbies/passions? Of course, you may decline or leave out what you want or add more. The editor will send you a final copy before publication—volunteer today by emailing the newsletter editor for details. And please respond if tapped as the selected featured member. (Thanks to **Mike KD3MAD** for the suggestion.)

★ Many HRAC members participate in the **Central Pennsylvania SkyWarn** net held every Wednesday evening at 2100L, 145.110 repeater. Recently *Ham Nation* featured the group on the well-known Youtube broadcast streamed live 12 May: <https://youtu.be/JO3r-DL1T6ac> (the SkyWarn part starts at the 40-minute mark). An excellent presentation by Michael W3MSB, for the group. Michael also is a weather presenter for **ABC-27 TV**, Harrisburg. — Thanks, **Richard KB3YRC**, for the information and link!

★ Everyone loves a parade! HRAC was invited to participate in the **Linglestown Memorial Day Parade**. American Legion Post 272 Commander Rod O'Connor, said that although not a ham, he was very supportive of what we did. When he was in Vietnam, ham radio operators had made it possible for him to talk to his family at home! Float participants: **Bob K3RTS**, **Curt K3URT**, **Mike KD3MAD** and **Kendra KZ3KBD**. (Also see page 11.)

★ **Dave KC3MG** reports: "I am back home from the hospital for having open heart surgery. I am doing well and planning to see everybody at the meeting thanks for your prayers and invest wishes. Blessings."

★ The **HRAC Membership Roster** has been updated as of 27 May 2022, with 81 members. [www.w3uu.org/roster](http://www.w3uu.org/roster)

## MEMBER SPOTLIGHT: Tim Lehman, W4NKC

*This month's spotlight is on Tim Lehman, W4NKC. Tim is our current Membership Chair and past Secretary, President and Vice-President of the club and is a Volunteer Examiner.*

### What drew you to be interested in amateur radio? (Who introduced you? Did you have an Elmer? Or was it something else?)

My introduction to amateur radio was from a friend of my father's by the name of Bill, who was a ham. I asked how I could become a ham, so I guess that makes him my first Elmer. He said that the first step was to learn code and pass the test for that. He gave Dad the phone number of a friend of his who was a hardcore CW guy who would be happy to teach me CW. Bill also gave me a practice oscillator and a straight key to practice with.

Unfortunately, after a couple of months of studying with my teacher, I lost interest and moved on to other pursuits.

I didn't really think much about ham radio until the early 2000s.

I had just been appointed the Emergency Management Coordinator for the Borough of Steelton. Our biennial TMI emergency drill was fast approaching, and I got a phone call from the county ARES/RACES coordinator. He wanted to stop by my EOC and check to make sure that the ARES/RACES radio was properly programmed.

(Continued on page 9)

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

- ◆1900: 3.585 MHz, CW, The Dave Heller K3TX Memorial 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!

## HARRISBURG HAM HISTORY

— June —

### Field Day 1947 - 75 years ago

## Radio Amateurs Begin 26-Hour Field Test

Members of the Harrisburg Radio Amateurs Club will take part in a nation-wide field day with other clubs of the country, beginning at 4 o'clock this afternoon and continuing until 6 o'clock tomorrow evening. Instruments will be set up near the airplane beacon on Peter's Mountain and continuous sending and receiving will be in progress during the 26 hours.

Members of the club have been given two hours each in which to send and receive. A tent has been erected on the fenced-in enclosure and portable power will be used. Contacts will be made with other clubs and efforts will be made to acquire distance.

The field day is the first of several similar field tests which have been arranged for the summer months. The contacts will be made by short wave.

Harrisburg Telegraph, 14 June 1947, p. 2.

### 100 Years Ago - 3CX

## Harrisburg Radio Club Receives Transmission License; Will Work on C. W.

With the receipt of a transmitting license, the Harrisburg Radio Club is making arrangements to play a prominent part in the relaying of commercial messages during the fall and winter months. The club is now operating under the call 3CX, which is in the name of William Gardner, treasurer of the organization. The station is using continuous wave transmission.

Harrisburg Telegraph, 2 June 1922, p. 17.



## W3UU The Harrisburg Radio Amateurs Club, Inc.

President – Bob, K3RTS, Vice-President – Vacant



### MINUTES OF THE May 11, 2022 MEETING

**MEETING CALL TO ORDER:** The Wednesday, May 11th, 2022, meeting of the Harrisburg Radio Amateur's Club, Inc. was called to order at 1900L by the President, Robert, K3RTS, 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:** 13 individuals were present and introduced themselves briefly.

**SECRETARY REPORT** – April 2022 Minutes. Opened for comments, questions, and corrections. Hearing none, the Motion to Accept by Curt, K3URT. George, AC3EA, seconded the motion; the attending membership approved the minutes by voice vote.

**TREASURERS REPORT** – April 2022, presented by Terry, WB3BKN. Open for comments, questions, and corrections. We have money! The report indicated solvent and consistent with a good balance. Motion to accept by Curt, K3URT; seconded by Charles, KW3W; membership voted approval.

**LICENSE TRUSTEE REPORT** – No report this month.

**EQUIPMENT TRUSTEE REPORT** – Terry, WB3BKN, says no changes, status quo. Asked for coverage for trailer towing if Terry cannot make an event. John, KC3WEB, volunteered.

**LAUREL VE COMMITTEE** – Volunteer VE attending Curt, K3URT, reported subsequent testing is Saturday, June 18th at 0900L and that individuals must register by end-of-day the Friday before.

**REPEATER COMMITTEE** – Terry, WB3BKN, reported the repeater controller is still on.

**MEMBERSHIP COMMITTEE** – Chair Tim, W4NKC, present. Currently, there are about 70 members.

**NEWSLETTER COMMITTEE** – Curt, K3URT, reports the next article deadline is by the end of business day, Wednesday, June 1st. Reminder that the newsletter contact email has changed to newsletter@w3uu.org. The old email address will be monitored until July 1st, then discontinued.

**WEB PAGE COMMITTEE** – Mike, KD3MAD, was absent but sent a brief update that we are seeing traffic primarily from Testing signups and Hamfest.

**EMERGENCY COMMUNICATIONS** – Bob, K3RTS, reports:

- ARES Net meets every Monday at 1900L on the 145.110 repeater.
- Winlink Thursday Training sessions continue weekly.
- The Dauphin RACES was involved in the Halifax 5K race Saturday, April 30th. The event went well and they are

looking forward to participating in more events like this.

– There will be an ETO EX (EmComm Training Organization Exercise) May 14, 2022.

– EPA SET (Simulated Emergency Test) Voice & Digital set for May 20-21, 2022.

**DXCC COMMITTEE** – Chair, Glenn, K3SWZ; not present, no report.

**ELMER TIME** Coordinator Joe, W3JPH, was not present. For tonight's Elmer Time (before club meeting), Curt, K3URT presented information from DX Engineering about scoring and changes for this year's ARRL Field Day. 13 people attended.

**HAMFEST** – Firecracker July 2nd, 2022, and PA State Convention. Terry, WB3BKN is the Chair; vendor communications are reestablishing. The parking layout will be different this year. Mike, KD3MAD, and Bob, K3RTS are also involved in reaching out to vendors for prizes. Location: Harrisburg Postal Picnic Grounds. [hbgpostalpicnicgrounds.com](http://hbgpostalpicnicgrounds.com)

**FIELD DAY** – Field Day June 25-26, 2022 – Memorial Lake State Park near Indiantown Gap.

**OLD BUSINESS** – To fill the club Vice-President vacancy, a meeting of the officers will occur in the future with an interim person selected.

**NEW BUSINESS** – The club has been invited to participate in the Memorial Day Parade on May 30, 2022 @ 1300L. Lower Paxton Township National Night Out on August 2, 2022 – more details to come. Sept 11th Commemoration on September 11, 2022 at Memorial Lake State Park – Parks On The Air (POTA) activation.

**FOR THE GOOD OF THE CLUB** - See NEW BUSINESS above.

**ADJOURNMENT** - A motion to adjourn by Steve, KC3EUU, and seconded by John, KC3WEB. The meeting closed at 1934L.

**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.*

## Webmaster Report – June 2022 Club Meeting

Dear HRAC Club Members,

Since May 2022 meeting, the largest undertaking actually took place away from the website. As Field Day is fast approaching, we have taken on the duty of refurbishing the club computers and preparing them for network-based logging operations for the HRAC Field Day deployment at Memorial Lake state park. Always a fun challenge and shall we say time consuming at the very least. But a necessary function to be provided. And speaking of Memorial Lake, we will soon be revamping the 9/11 pages and forms for the upcoming 21<sup>st</sup> Anniversary Special Event 9/11 deployment, also being held at Memorial Lake.

As always, there is also the ongoing day-to-day operations. Keeping the website up and running for normal operations is priority number 1. This always includes a fresh set of Announcements (particularly in support of the Weekly News Net), as well as due focus on current and upcoming events. With an increase in current events and heavy planning for Field Day and Firecracker Hamfest, other projects remain in queue. In time. And speaking of time, if you have some, we would love to get your help. We are actively looking for volunteers to assist with content editing and management on the HRAC website. Webmaster (KD3MAD) will retain the heavy IT work, but we could use some help on the pages and announcements on a weekly or bi-weekly basis.

### Website Statistics for May 4, 2022 – June 1, 2022

#### Form Submissions

License Exam Request Form	Contact HRAC Form	Help HRAC Form
1	1	0

#### Overall Performance – Website Traffic

Number of Visitors	Number of Sessions	Bounce Rate	Session Duration
400 (up 38.9% from last month)	508 (up 29.3%)	53.54% (down 2.1%)	1 minute and 44 seconds

#### Sessions by Device Type

Desktop	Mobile	Tablet
64.4% (up 25.3%)	31.3% (up 32.5%)	4.3% (up 83.3%)

#### Top 5 Performing Pages/Sections

Page	Number of Requests	Average Time on Page	Number of Entries	Exit Rate (Last Page Used)
Home Page	347	00:00:53	257	34.01%
Hamfests (Sectional)	289	00:02:28	17	66.09%
Licensing and Exams	39	00:02:34	18	61.54%
Roster	33	00:04:40	4	54.55%
Newsletters	31	00:01:43	4	54.84%

#### Search Stats -Top Performing Google Search Requests

Number of Impressions	Number of Click-Throughs	Average Rank per Search
2,200 (up 33% from last month)	116 (5.3% Click Rate)	30.9

#### Top 5 Performing Search Phrases

Keywords/Phrase	Number of Impressions	Number of Click-Throughs
hamfest pa	81	5
w3uu	19	5
ham repeaters near me	4	1
Hamfest 2022 near me	2	1
ham radio prep	52	0

NOTE: There is evidence that our appearance in the Linglestown Memorial Day Parade helped raise awareness to our club. Our current average daily use rate is ten (10) users. On Monday, 30 May, we captured twenty-eight (28) active users.

This report is hereby respectfully submitted,

Michael A. Drawbaugh (KD3MAD)  
Webmaster, Harrisburg Radio Amateurs' Club

Updated frequently:  
[www.w3uu.org](http://www.w3uu.org)  
Please visit often!



## C O N T E S T I N G

◆ **Contest Calendar June 2022 (over 150):**

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

*Selected and popular June contests:*

- ✓ **NEW- debut** **The ARRL World Wide Digital Contest** will debut at 1800 UTC on 4 June, ending 2359 the 6th. **All non-RTTY modes are permitted.** Only two power categories: 0-5 watts and 6-100 watts PEP output. [arrl.org/news/arrl-announces-new-world-wide-digital-contest](http://arrl.org/news/arrl-announces-new-world-wide-digital-contest)  
Rules: [contests.arrl.org/ContestRules/Digital-Rules.pdf](http://contests.arrl.org/ContestRules/Digital-Rules.pdf)
- ✓ ARRL June VHF (11-13)
- ✓ ARRL Kids Day (18)
- ✓ SMIRK (18-19); warm-up that 6-meter rig!
- ✓ Undoubtedly FIELD DAY! (25-26)

◆ **One-By-One special events (100+ largely pick-ups for Field Day):**

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

◆ **State QSO Parties (2):**

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

◆ **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)**Newsletter submission guidelines:**

**Deadline: For the JULY issue is end of business day WEDNESDAY, 6 JULY — 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.
- ✓ Please proof-read your finalized narrative before submitting. As a practice, the editor will "quote" rather than "correct."
- ✓ Submit to the email address: [newsletter@w3uu.org](mailto:newsletter@w3uu.org)

**MEMBER SPOTLIGHT: Tim Lehman, W4NKC** (from p. 5)

We set a time to meet at the EOC, and after he had finished checking the radio, we got to talking. Of course, I brought up the subject of licensing. He explained that the CW requirement had been dropped, and the only requirement was to pass a written test. He also gave me a couple of websites where I could purchase study materials and/or take practice tests.

I signed up to take the test at the next available session and walked out with a General class ticket. Two months later, I sat for the Amateur Extra exam and passed that as well.

**Why did you pick your vanity call?**

I chose my first Elmer's call as my vanity call. I had to do some research because he became a silent key long before the advent of ULLS, but I finally found what I was looking for in the archives of the North Florida Amateur Radio Society (NOFARS).

**What is the most fun part of amateur radio?**

I enjoy kit building as well as building and testing antennas.

**When active, what do you like doing most in amateur radio?**

I enjoy operating portable, even if it's just going to the township park and setting up for an hour or two on a sunny afternoon.

**So far, what was your most exciting moment in amateur radio?**

My most exciting moment in the hobby was making my first contacts on VHF and HF. Second, I think helping newcomers to the hobby explore all of the dimensions that amateur radio encompasses.

**Besides amateur radio, what are your other hobbies/passions?**

I enjoy playing guitar, and I'm an instructor in Guitars for Vets program. We teach veterans who have emotional issues such as PTSD to play the guitar. The objective is to give them a means of mitigating their symptoms and, hopefully, leading a more normal life.

**What do you see as the most pressing issue in the amateur radio service community?**

There are a lot of issues that need to be dealt with that; it's hard to pick just one, but here goes: I think that loss of spectrum will be a continually growing issue. We, as a society, are coming to rely more and more on various wireless services. Services to which the FCC sells spectrum space for their use. As a "free" service, amateur radio might one day find itself limited to a much smaller segment of the spectrum than we now enjoy.

I'm not sure what solution might be devised to solve the issue, but I'm sure something will eventually be worked out.

**NEWS • COMMUNIQUE • MESSAGES • DISPATCHES**

• Hanging up on an era: Last public pay phone in NYC removed from streets Thanks to **Dan WA3ATV**.

• **Laurel VEC** reports the FCC implementation of the new fee schedule has smoothed out and is fully operational as of 9 May 2022.

• **Vibroplex LLC of Knoxville Acquired SPE Expert Linear Amplifiers**, 1 May 2022. ELA LLC owner Bob Hardie, W5UQ, is retiring.

SPE is owned and operated by Gianfranco Scasciafratti, IOZY, of Rome, Italy.

Scott Robbins, W4PA, owns Vibroplex, as well as Bencher, INRAD, Par EndFedz and Vintage Manuals product lines. The company is also the exclusive US and Canada distributor for Spiderbeam, MAT-TUNER, Easy-Rotor-Control, GHD, and Hi-Mound radio accessories. More information is available from Vibroplex; [www.vibroplex.com](http://www.vibroplex.com).

## EMCOMM — DAUPHIN COUNTY ARES



*ARES EPA SET Deployment Station in operation.*

✧ HRAC members participated in the EmmComm Training Organization's (ETO) semi-annual communications **Operation Ash-fall**, a drill utilizing digital suite Winlink on 14 May. The exercise demonstrated the ability of amateur radio to provide accurate and timely messaging by forms using email over radio. Participants were **Bob K3RTS**, **Chuck KA1YSR**, **Todd KC3LYV**, and **Curt K3URT**.

✧ HRAC members and others, also participated in the **Eastern Pennsylvania Simulated Emergency Test**, May 20-21 (see picture above). Aside from phone operation, Winlink and FLDIGI were used in digital training. Participants were **Bob K3RTS**, **Chuck KA1YSR**, **Todd KC3LYV**,

**Curt K3URT**, **Mike KD3MAD**, and **Kendra KZ3KBD**.

✧ **WinLink Thursdays**: Winlink Thursday has been an enormously successful training event over the past few years, introducing radio amateurs to the digital hybrid email/radio system that has become a critical tool for communications in emergency and disaster situations for emergency management at all levels. More information can be found at the EmmComm Training Organization (ETO) website, [emcomm-training.org](http://emcomm-training.org)

**The Dauphin County ARES** (Amateur Radio Emergency Service) is not affiliated with any club but many are members of HRAC.

To join, contact Bob, K3RTS [ares.harrisburgpa@gmail.com](mailto:ares.harrisburgpa@gmail.com) and visit:

[www.w3uu.org/dauphin-county-ares/](http://www.w3uu.org/dauphin-county-ares/)  
[www.facebook.com/Dauphin-County-ARES-RACES-105198281089325/](https://www.facebook.com/Dauphin-County-ARES-RACES-105198281089325/)

Dauphin County ARES meets every Monday evening at 1900L on the 145.110 MHz repeater.





## Everybody Loves A Parade!



Members (see page 5) came out for the **Linglestown Memorial Day Parade**. We certainly got noticed and had many complimentary remarks. The children especially liked the Club tossing candy out!

Photographs by Bob K3RTS.



**W3UU - Harrisburg Radio Amateurs' Club 51<sup>st</sup> Annual**

**Saturday JULY 2<sup>nd</sup>, 2022**

**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 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: 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](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

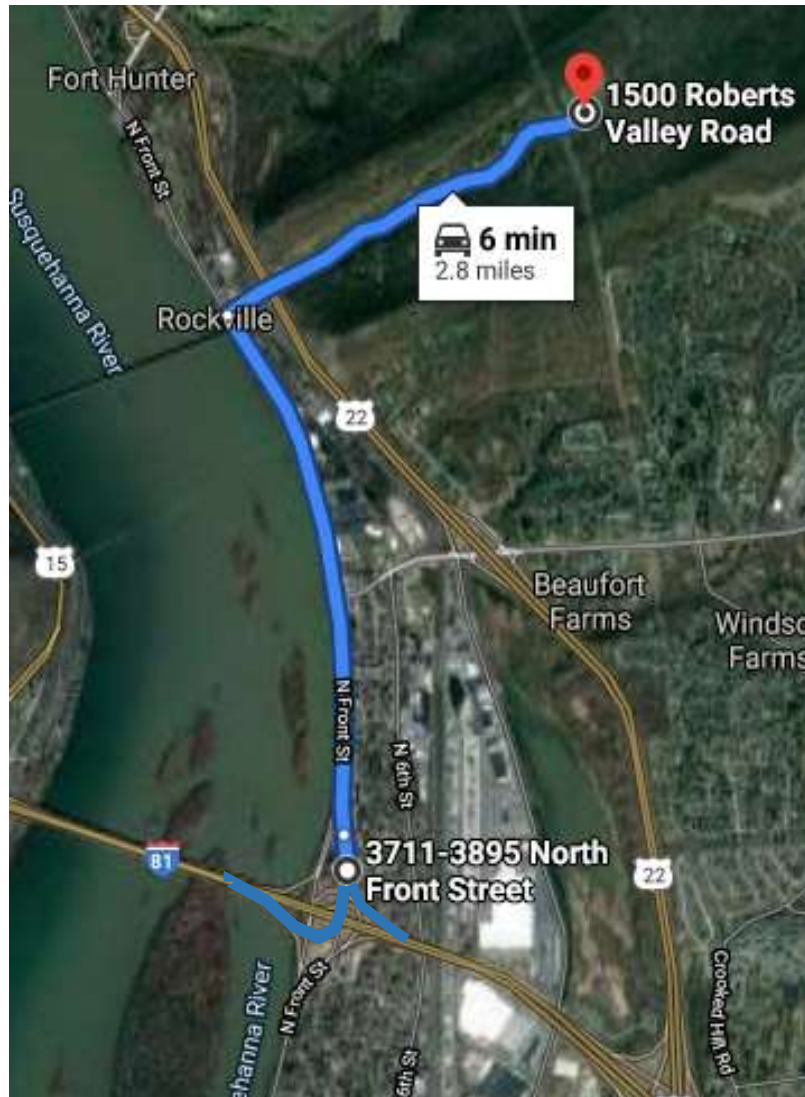
Hamfest / Convention is 1.2 miles on LEFT.

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**

# APPLICATION for MEMBERSHIP or RENEWAL



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, our treasurer. 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 years of age.

Family Membership per year is [ ] \$25.00 (Hams must reside in the same household.)

— Membership ends 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.

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!**