



W3UU NEWSLETTER

— JULY 2022 —

Club Officers:

PRESIDENT:

Robert Saber, K3RTS
k3rts@w3uu.org

VICE PRESIDENT:

vacant

SECRETARY:

Frank Aponte, KC3NRK
kc3nrk@frankaponte.com

TREASURER:

David Dormer, KC3MG
DDDormer@gmail.com

LICENSE TRUSTEE:

David Dormer, KC3MG
DDDormer@gmail.com

EQUIPMENT TRUSTEE:

Terry Snyder, WB3BKN
WB3BKN1@gmail.com

Committees:

WEBMASTER: W3UU.ORG

Michael Drawbaugh, KD3MAD
webmaster@w3uu.org

EMCOMM:

Robert Saber, K3RTS
k3rts@w3uu.org

MEMBERSHIP:

Tim Lehman, W4NKC
w4nkc.hv@gmail.com

NEWSLETTER EDITOR:

Curt Sanders, K3URT
newsletter@w3uu.org

ELMER TIME COORDINATOR:

Joe Hannon, W3JPH
johannon.jh@gmail.com

HAMFESTS & REPEATER:

Terry Snyder, WB3BKN
WB3BKN1@gmail.com

NET OPERATIONS:

David Dormer, KC3MG
DDDormer@gmail.com

VE TEAM LEADER:

Steven Gobat, KA3PDQ
ka3pdq@juno.com

QST: NEXT MEETING is

WEDNESDAY, 13 JULY, 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!

“Intro to FT8” by Bob, K3RTS. “Franke-Taylor design, 8-FSK modulation” is 84% of 6 meter and above radio contacts and over 51% on all bands (per Club-Log in 2020). If you are still are unfamiliar with FT8 here is your chance to learn more!



Photo, WB3BKN

The July meeting will address current business and concerns and with a wrap-up of Field Day and the Firecracker Hamfest.



Field Day: Frank KC3RNK logging stations inside the Club trailer. —
Photo K3RTS.



The 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:

July2nd, Firecracker HamFest & Convention.
13th, club meeting.
August2nd, 5-8 p.m., National Night Out for Public Safety (see page 11).
10th, club meeting.
20th, license testing (see below)
September11th, 9-1-1 Memorial event, Ft. Indiantown Gap.
14th, club meeting.
October12th, club meeting.
15th, license testing (see below)
22nd, HRAC OktoberFest

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

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

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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. ■

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/. (Registrations can be made online up to the Friday before test date.)

The next test session is scheduled for Saturday, 20 August 2022, at the Harrisburg Vietnam Veterans of America, 8000 Derry St., Harrisburg, PA promptly beginning at 0900L.

NOTE: Technician Class test pool changed, 1 July 2022.



FIELD DAY 2022

— WRAP Up 1 — (as of 7 July)

NOTICE: If you want to add your contact points to the ARRL aggregate score for the club, please submit your log to the ARRL website (or via snail mail). Use the club entry: HARRISBURG RADIO AMATEURS CLUB.

Your ARRL entry is due by midnight, **26 July 2022**: field-day.arrl.org/fdentry.php

If you need assistance, please feel free to contact K3URT@w3uu.org and let us know your score!

"ARRL Field Day is the single most popular on-the-air event held annually in the US and Canada. On the fourth weekend of June of each year, thousands of radio amateurs gather with their clubs, groups or simply with friends to operate from remote locations."

The Club (W3UU) claimed score: 978 points.

Add known three other home individual scores accredited to the Club: **Bob K3RTS**, **Curt K3URT** and **Rich KC3SER**, bringing the preliminary club total to 1,860 points.

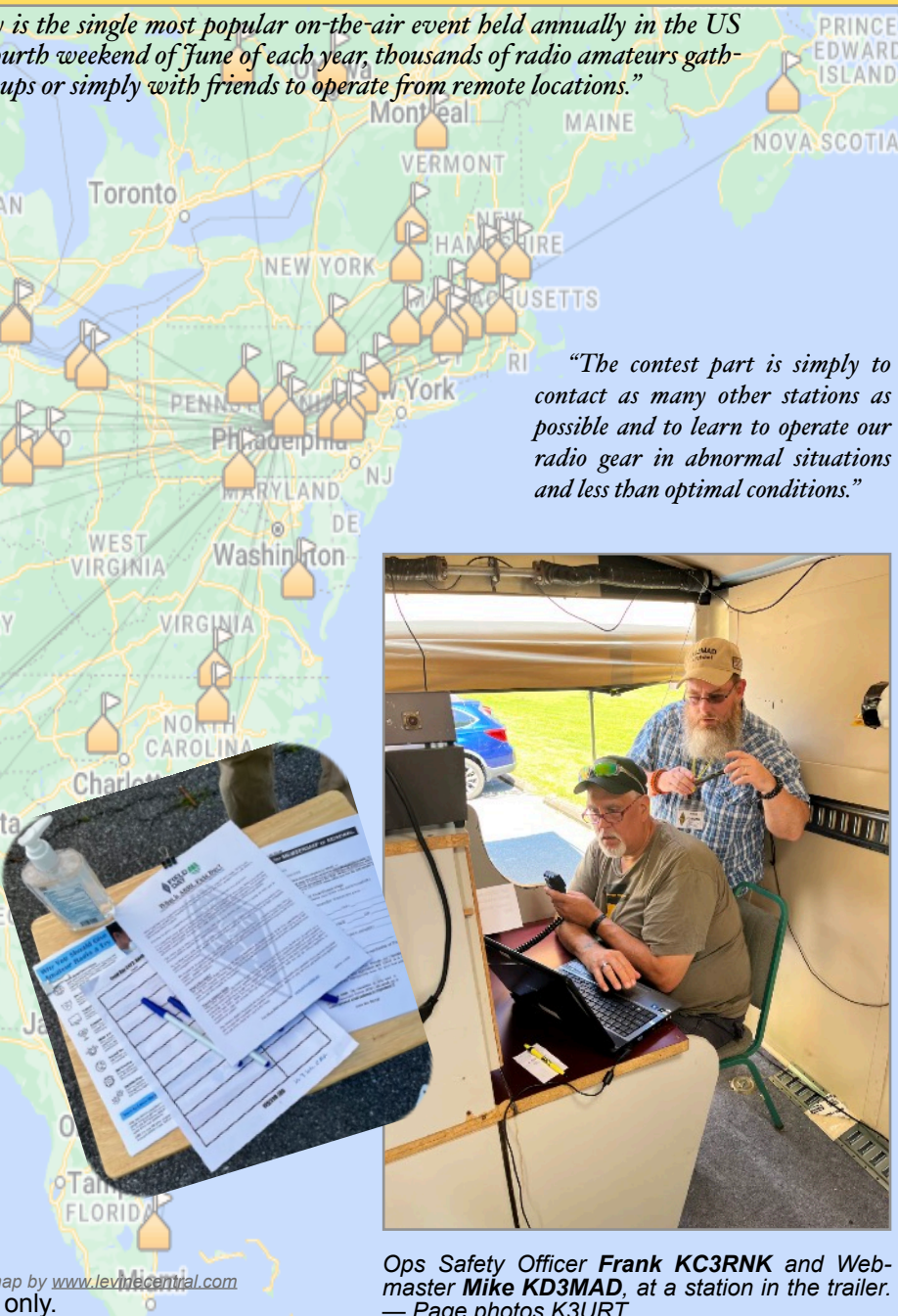
The last time the Club entered an operating score with ARRL was in 2018.

WE THANK THE FOLLOWING for participating in FD: from set-up to break-down to operating to troubleshooting to cooking the food:

AC3EA George
Connie Whittaker
David Ferree*
Gavin Drawbaugh*
K3NQL Ralph*
K3RTS Bob
K3SZH Joe
K3URT Curt (special thanks for having info table, sign-in sheet; submitting the log)
KA1YSR Chuck
KC3MFJ Adams
KC3NRK Frank (special thanks for being Safety Officer)
KC3WEB John (special thanks for hauling the trailer)
KD3MAD Mike (special thanks for networking the two laptops and radios together for logging)
KZ3KBD Kendra
Logan Vedder*
N3WEH Jesse*
Tyler Ginder*
WB3BKN Terry

Also visitors* Doug Baker, and Dan Corbett, and the many curious who dropped by, but didn't sign the log.

Graphic map © Google Maps; ADIF to map by www.levinecentral.com
 Map of W3UU field contacts only.



"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."



Ops Safety Officer **Frank KC3NRK** and Webmaster **Mike KD3MAD**, at a station in the trailer.
 — Page photos K3URT.

FIELD DAY 2022

— CLUB WRAP 2. —

"The purpose remains today as it did in the beginning: to demonstrate the communications ability of the amateur radio community in simulated emergency situations."



W3UU at Memorial Lake State Park, Lebanon County, PA. — Photo K3RTS.

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



The shade and good food came in handy! — Photo K3RTS.



Joe K3SZH, observes OM Adam KC3MFJ. Two of Adam's Vo-Tech School students joined him. — Photo by WB3BKN.

LICENSE STUDY INFORMATION

Technician and General Classes —

York Township (Dallastown)
September 17-19

Lancaster County Public Service Training Center

Technician: August 20-21 & October 15-16

General: October 29-30

VE Sessions: second Saturday, odd months, 1000L at the York County 9-1-1, 120 Davies Dr., York, PA.

Contact:

Ralph Brandt, K3HIQ

1705 Misty Dr.

York PA 17408-4237

C 717-885-3063 • H 717-792-1017

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

— HRAC CLUB & MEMBER NEWS —

★ **"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.) ■

★ If you didn't attend, you missed it... **Terry WB3BKN**, gave an excellent **"Elmer Time"** presentation on "Setting Up A Home Shack" at the last meeting! ■

★ **VE Licence Testing Results, 18 June.** There were five applicants of which eight elements were administered, resulting in the passing of one Technician, two General and one Extra Class.

Thank you to VE examiners: **Steven KA3PDQ**; **Curt K3URT**; **Doug K3DRE**; **George AC3EA**; **Frank KB3PQT**; and **Tim W4NKC**. ■

MEMBER SPOTLIGHT:

This month's spotlight is **John Weber, KC3WEB**.

What drew you to be interested in amateur radio?

I have always been fascinated with communication technology, both wired and wireless. I was hired by Bell Telephone as a lineman in 1972; before that, I had no idea what made a telephone work. I found that simple technology was very interesting. I became a cable splicer and worked on constructing and maintaining the outside telephone plant. We used 2-way radios in the business for many years until cell phone service took over. We had a well-operated radio system that covered a whole area with very few dead spots. Cell service left a lot of gaps, and we grumbled about it all the time.

I had a CB radio in my vehicle for several years, used for talking to my buddies to and from work. I bought a Yaesu FT-2900 around 2008 with the desire to become a HAM operator but never went through with it. It was a busy time in my life. My interest was resurrected about 2 years ago as I began researching HAM radio online and became aware of all one can do with the hobby. A radio host I listen to regularly would often talk of his experience in HAM radio. He often spoke of the sun cycles and their effect on radio operations. Going back to the beginnings of over-the-air radio, I find the experiments of early pioneers like Marconi fascinating. Being able to talk around the



Photo K3RTS

globe using electromagnetic waves bouncing off the atmosphere is almost too hard to believe. Is it some kind of magic?

Why did you pick your vanity call?

KC3WEB - WEB for Weber—easy to remember. I tried JGW, my initials but not available.

What is the most fun part of amateur radio?

I haven't even gotten into the hobby far enough yet but learning new things about the equipment is fun and overwhelming at the same time. I need to construct a better antenna at my home base. This will happen soon, and it will be fun doing that. I need to take some time to sit down and study for my General.

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

Right now, listen to the chatter

(Continued on page 11)

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 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!

HAM HISTORY • HARRISBURG

— July 1922 —

RADIO CLUB TO STAGE BIG DANCE

Plans Call For Interesting Street Event in August; Modify Traffic Rules

With the recent installation of an amateur broadcasting station in this city by Dr. J. B. Lawrence, of 2006 Market street, president of the Harrisburg Radio Club, interest in radio has increased three-fold and letters are being received daily from enthusiastic fans. Broadcasts have been heard within a radius of twenty-five miles of the station and as an outcome of its success it is planned to have the set broadcast the music for a street dance to be held by the Harrisburg Radio Club next month. Under the call 3CX, Dr. Lawrence held his first successful broadcast Wednesday and is now making arrangements to transmit on regular schedule.

Horace Pratt, connected with the Electrical Department of the State Public Service Commission and a prominent member of the Harrisburg Radio Club, is installing a set similar to Dr. Lawrence, and in co-operation with R. M. Pepper, of Lemoyne, will broadcast to the amateurs of the West Shore. At the last session of the club a resolution was adopted, modifying the traffic rules, allowing amateurs to begin transmitting earlier in the evening. Several bills relatives to radio, now before Congress were read and discussed by W. H. Gardner. Among the activities reported by the members included the installation of a 20-watt phone set by Horace Hoak, secretary of the organization.

The use of station 3 CX was offered by Dr. Lawrence to the Harrisburg Chamber of Commerce for broadcasting purposes and many interesting programs are expected to be given within the next few months.

— Harrisburg [PA] *Telegraph*, 21 July 1922, p. 13.

THEY CAME FROM Connecticut, New York, New Jersey, Delaware, Maryland, Virginia, West Virginia, and all parts of Pennsylvania for the **51st Harrisburg Radio Amateurs Club Annual Firecracker!**

The **Firecracker Electronics Expo and Hamfest** for the second year featured the **ARRL PA State Convention**. The event was held at the Harrisburg Postal Employees Picnic Grounds.

The Fest featured covered pavilions, picnic tables, and huge grounds to park and tailgate. It is the largest tailgate and electronics flea market in Central Pennsylvania.

But it wouldn't happen without the tireless efforts of the following **VOLUNTEERS** who worked Friday and Saturday from the wee hours in the morning until the conclusion on a typical hot and humid summer days (alphabetical order):

- **AC3EA George**
- **Connie Whitaker**
- **K3RTS Bob¹**
- **K3SWZ Glenn** (card checking)
- **K3URT Curt¹**
- **KA1YSR Chuck** (special thanks for hauling the chairs)¹
- **KC3MFJ Adam**
- **KC3MG Dave¹**
- **KC3NRK Frank** (special thanks for staying overnight and working on his birthday)¹
- **KC3SER Rich**
- **KC3WEB John** (special thanks for towing the trailer)¹
- **KD3MAD Mike** (special thanks for arraigning some prizes)
- **KZ3KBD Kendra**
- **W3CWT Charlie²**
- **WB3BKN Terry** (special thanks for audio system and the host voice)¹

¹Worked both Friday and Saturday; ²Friday.

Also, thanks to the many tailgaters and the following vendors (some of these donated prizes but were not present on site):

- **ARRL** www.arrl.org (prize donation)

- **Comet Antenna** cometantenna.com/ (prize donation)
- **Easy Way Ham Books** www.easywayhambooks.com/index.cfm (prize donation)
- **Fisher Cable** www.facebook.com/Fisher-Cable-843663605721974

- **G and G Electronics** of Maryland
- **KJI Electronics** www.kjieletronics.com
- **Rollin' Smoke BBQ** www.facebook.com/rollinsmoke-mobilebbq/
- **RT Systems, Inc.** www.rtsystemsinc.com (prize donation)
- **Sauder Electronics** www.manta.com/c/mmsx7nd/sauder-electronics (onsite and prize donation)
- **Tigertronics** www.tigertronics.com (prize donation)
- **Tough-Grid** (Product Discounts Post Event) tough-grid.com (prize donation) ■

Photo Rex Athey

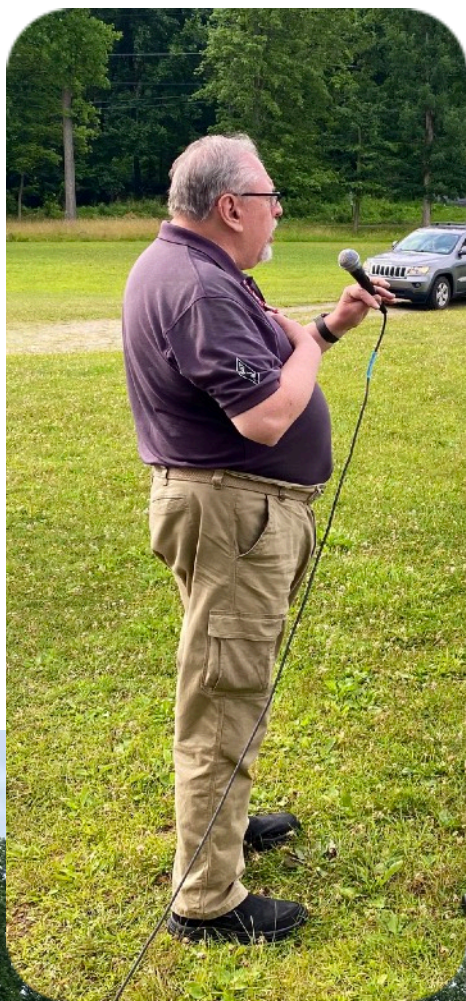
Independent video of the 2022 HRAC hamfest.

— HamFest PA. Eric Cintron Ortiz, KN3M. <https://youtu.be/YOln68t9VR4>



Annual Firecracker—2

ARRL Western Section Manager Joe Shupienis W3BC, sings the National Anthem.



Opening event Color Guard:
(Sgt. USA) Mike Drawbaugh, KD3MAD;
and (SSgt. USAF) Curt Sanders, K3URT.



— Photos this page are by K3RTS.

W3UU The Harrisburg Radio Amateurs Club, Inc.

President – Bob, K3RTS, Vice-President – Vacant



MINUTES OF THE June 8, 2022 MEETING

MEETING CALL TO ORDER: The Wednesday, June 8th, 2022, meeting of the Harrisburg Radio Amateur's Club, Inc. was called to order at 1906L 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: 14 individuals were present and introduced themselves briefly.

SECRETARY REPORT – May 2022 Minutes. Opened for comments, questions, and corrections. Hearing none, the Motion to Accept by George, AC3EA. John, KC3WEB, seconded the motion; the attending membership approved the minutes by voice vote.

TREASURERS REPORT – April and May 2022 reports presented by Dave, KC3MG. Open for comments, questions, and corrections. We have money! The report indicated solvent and consistent with a good balance. Dave needs to review a couple items before submitting to club for formal approval.

LICENSE TRUSTEE REPORT – Dave, KC3MG reports that everything is good and there are no issues.

EQUIPMENT TRUSTEE REPORT – Terry, WB3BKN, says no changes, status quo.

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. Good chance to upgrade licenses before Field Day 2022.

REPEATER COMMITTEE – Terry, WB3BKN, introduced Kevin to speak about the current state of the repeater. Topics covered:

- Low Audio Issue from last Fall: A couple of boards and some cables were replaced to fix.
- Controller or Repeater Issue: It was a repeater issue. Adjusted levels, upgraded firmware, disabled AGC.
- Reminded that the repeater is installed in a high RF environment.
- AT&T Line Modem: 3G modem is broken and Terry has a replacement modem that is 5G.
- Kevin has replacement fans to install as well.

MEMBERSHIP COMMITTEE – Chair Tim, W4NKC, reported that there are 81 current members with 52 being ARRL members (64.2%).

NEWSLETTER COMMITTEE – Curt, K3URT, reports the next article deadline is by the end of business day, Wednesday, July 6th. 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 – No report this month.

EMERGENCY COMMUNICATIONS – Bob, K3RTS, reports:

- ARES Net meets every Monday at 1900L on the 145.110 repeater.
- Winlink Thursday Training sessions continue weekly.

DXCC COMMITTEE – No report this month.

ELMER TIME Coordinator Joe, W3JPH, was not present. For tonight's Elmer Time (before club meeting), Terry, WB3BKN presented information on "Building a Radio Shack from Scratch" with some YouTube videos and a great conversation. 12 people attended.

HAMFEST – Firecracker July 2nd, 2022, and PA State Convention. Terry, WB3BKN is the Chair.

- Location: Harrisburg Postal Picnic Grounds. hbgpostalpicnicgrounds.com
- Setup will be on Friday, July 1, 2022, starting at 900L.
- Volunteers to arrive at 400L on Saturday, July 2, 2022, to accommodate vendor and attendee arrivals around 500L.
- Looking for volunteers to stay overnight Fri into Sat.

Request from Robert, K3RTS, to purchase the following items for the club for this, and future events, as well as rent 50 chairs. Request to purchase (2) canopies, (3) flashlights with wands for directing traffic, exit signs and wire stakes, caution tape, traffic cones, and guidelines & paint for marking parking spots. Approximate cost of \$780, requesting budget of \$800-\$900. Motion to Accept by Chuck, KA1YSR. Steve, KC3EUU, seconded the motion. Dave, KC3MG, suggested to raise budget. Motion to amend budget to \$1000 accepted by Tim, W4NKC. Steve, KC3EUU, seconded the motion.

FIELD DAY – Field Day June 25-26, 2022 – Memorial Lake State Park near Indiantown Gap. Arrival and Setup to start at 1000L and run until 2000L with contesting to begin at 1400L.

OLD BUSINESS – Reviewed Linglestown Memorial Day Parade participation.

NEW BUSINESS – Lower Paxton Township National Night Out on August 2, 2022, at George Park off Nyes Road. Sept 11th Commemoration on September 11, 2022, at Memorial Lake State Park – Parks On The Air (POTA) activation. More details to come for both events.

FOR THE GOOD OF THE CLUB – N/A

ADJOURNMENT – A motion to adjourn by Steve, KC3EUU, and seconded by George, AC3EA. The meeting closed at 1950L.

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 – July 2022 Club Meeting

Dear HRAC Club Members,

Since June 2022 meeting, the largest undertaking took place away from the website. As Field Day is fast approaching, we continued with the refurbishing the club computers and preparing them for network-based logging operations for the HRAC Field Day deployment. We also established a new Wi-Fi network for the trailer to replace some missing equipment, as well as configuring and testing the network/data sync capabilities of N1MM Logger+. A fun challenge and time consuming to say the least. We were also putting the finishing touches on Firecracker Hamfest pages, as well as adding key volunteer Call Out box notices to the Home Page. With that in the past, looks like we'll be able to get back to a more normal Webmaster set of duties including revamping the 9/11 pages and forms for the upcoming 21st Anniversary Special Event 9/11 deployment, as well as the National Night Out education deployment.

As always, there is also the ongoing day-to-day operations. Keeping the website up and running for normal operations is priority number 1. Again, with some major events out of the way, we can return to some regular backlog work items in the queue. All in due 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.

NOTE: One special item of interest, around the time of Firecracker Hamfest, we did receive notice from Google that the Hamfest page(s) were trending. Not in the millions obviously, but trending represents a significant spike in activity, usually 30% or more than the norm. See other significant increases that are certainly attributed to Firecracker Hamfest below. Need more traffic on other events and educational items!

Website Statistics for June 2, 2022 – July 5, 2022

Form Submissions

License Exam Request Form	Contact HRAC Form	Help HRAC Form
5	4	0

Overall Performance – Website Traffic

Number of Visitors	Number of Sessions	Bounce Rate	Session Duration
962 (up 141% from last month)	1,869 (up 168% from last month)	43.51% (down 15%)	1 minute and 58 seconds

Sessions by Device Type

Desktop	Mobile	Tablet
1,006	793	70

Top 5 Performing Pages/Sections

Page	Number of Requests	Average Time on Page	Number of Entries	Exit Rate (Last Page Used)
Hamfests (Sectional)	1,322	00:03:37	562	65.24%
Home Page	777	00:01:13	540	30.37%
Volunteers Call Out	123 **	00:01:00	2	22.76%
Newsletters	90	00:03:31	35	56.57%
License and Exams	60	00:03:22	16	51.47%

**** But did it make a difference?!**

Search Stats -Top Performing Google Search Requests

Number of Impressions	Number of Click-Throughs	Average Rank per Search
3,930 (up 78% from last month)	513 (13.1% Click Rate) (up 342% vs. last month)	29

Top 5 Performing Search Phrases

Keywords/Phrase	Number of Impressions	Number of Click-Throughs
harrisburg hamfest (and variants)	442	187
w3uu	30	16
ham radio clubs near me	10	2
ham radio swap and shop	69	1
pa qso party	59	0

This report is hereby respectfully submitted,

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

Updated frequently:
www.w3uu.org
Please visit often!

C O N T E S T I N G

- ◆ **Contest Calendar July 2022 (99):**
www.contestcalendar.com/contestcal.html
- ◆ **One-By-One special events (53):**
www.1x1callsigns.org
- ◆ **State QSO Parties (0):**
www.contestcalendar.com/stateparties.html
- ◆ **Contester Scores:**
www.3830scores.com/index.php
- ◆ **ARRL Contest Calendar:**
www.arrl.org/contest-calendar
- ◆ **POTA:** parksontheair.com
- ◆ **SOTA:** www.sota.org.uk

Newsletter submission guidelines:

Deadline: For the AUGUST issue is end of business day WEDNESDAY, 3 AUGUST — 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

Upcoming Volunteer Activities:



Night Out for Public Safety
August 2
5 to 8 pm
George Park

HRAC is confirmed to participate at National Night Out in Lower Paxton Township's "Night Out for Public Safety." It is Tuesday, August 2nd from 1700 to 2000L. Setup time: 1545-1630L. Location: George Park, Nyes Rd & Heatherfield Way, Paxtonia, PA 17112. (<https://tinyurl.com/xuwa2ruv>)

Please come and help set-up and meet the public! Contact Bob K3RTS, k3rts@w3uu.org

More volunteer events for July:

Public service events asking for communications support from amateur radio (please contact them directly for any details).

* **Ironstone 100K**, 9-10 July.
www.ironstone100k.com Ride event is at 1400L Saturday, 9 July to 1400L Sunday, 10 July. Yes, it goes overnight and hams will be needed throughout the night. Kevin Lear, W3XOX is coordinating the amateur radio component. Contact him for more information and to volunteer; W3XOX@hotmail.com

* **Multiple Sclerosis Society Glimcher Keystone Country Bicycle Ride**, mssociety.donor-drive.com/index.cfm?fuseaction=donorDrive.event&eventID=959 Saturday and Sunday

16-17 July. Ride will start and end at the Penn Stater both days and is anticipated to be mostly in Centre County.

"We'll need radio operators to ride with SAG vehicles, operate support point communications, and command communications. All of the locations have not been finalized but there will be opportunities to volunteer and in some cases times will be flexible." Contact Carmine Prestia, K3CWP, k3cwp@arrl.net for more information and to volunteer.

MEMBER SPOTLIGHT — KC3WEB John Weber (from page 5)

where I can find it. Observing the more experienced HAMs at field days and the genuine interest in the hobby that one can observe at Hamfests. Field days are cool, following the various places the contacts come from. My hearing limits me a bit. I have found that headphones do help. There are a few FaceBook sites that I find interesting.

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

My first contact was on 2-meters after obtaining my license. I have made a few contacts on 10M, mainly in Central America and the Caribbean.

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

Model railroading. I had an HO layout at my previous home that I had to dismantle. I am working on a small 4x4 N scale right now. I don't get into digital operation; too costly for me. I do enjoy the challenges of DC operation.

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

I don't see a lot of younger people entering the hobby. I wish I had started at a younger age. I'd love to possess the knowledge that many of our club members have gained over the years.

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 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

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!