



W3UU NEWSLETTER

— SEPTEMBER 2022 —

Club Officers:

PRESIDENT:

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k3rts@w3uu.org

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vacant

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w4nkc.hv@gmail.com

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johannon.jh@gmail.com

HAMFESTS & REPEATER:

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WB3BKN1@gmail.com

NET OPERATIONS:

David Dormer, KC3MG
DDDormer@gmail.com

VE TEAM LEADER:

Steven Gobat, KA3PDQ
ka3pdq@iuno.com

QST: NEXT MEETING is

WEDNESDAY, 14 SEPTEMBER,

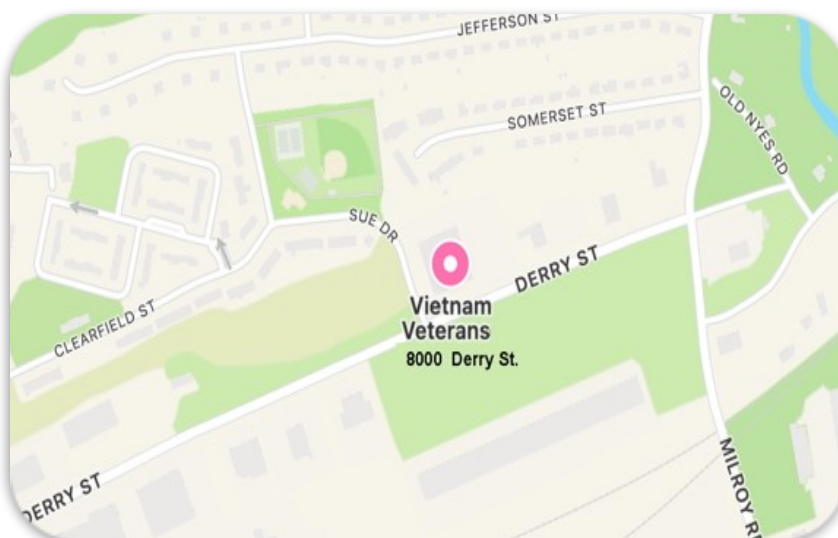
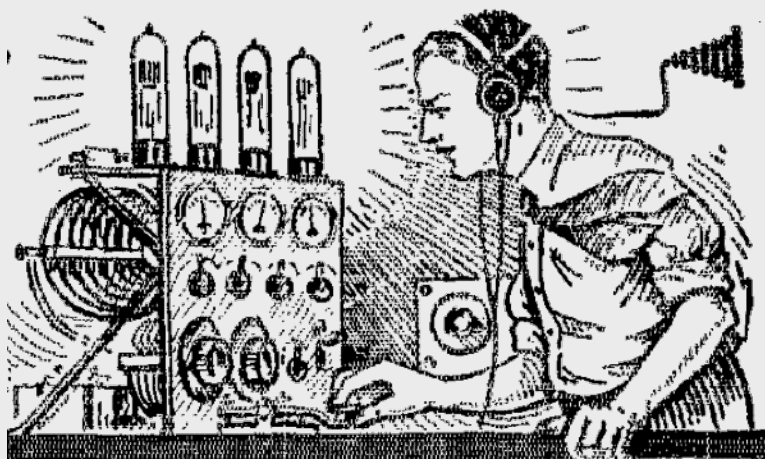
beginning with **SCHEDULE CHANGE** the business

meeting, 1830-1900L followed by the "Elmer Time," at 1900L at the Harrisburg Vietnam Veterans of America, 8000 Derry St., Harrisburg. All are welcome!

ELMER TIME for September is a PowerPoint presentation called "How to operate HF" — as an effort to promote discussion.



Photo, WB3BKN





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:

September11th, **2nd Annual HRAC 9-11 Memorial Event**, Ft. Indiantown Gap. Cancelled due to weather.

.....14th, club meeting.

October12th, club meeting.

.....15th, license testing (see below; and last page for special Jump Start Program).

.....22nd, **HRAC OktoberFest**. (see page 7)

November9th, club meeting.

December14th, club meeting — Club Elections!

.....17th, license testing (see below).

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, 15 October 2022, at the Harrisburg Vietnam Veterans of America, 8000 Derry St., Harrisburg, PA promptly beginning at 0900L.

C O N T E S T I N G

◆ **Contest Calendar****September 2022 (155):**

www.contestcalendar.com/contestcal.html

◆ **One-By-One special events**

(62): www.1x1callsigns.org

(3 are in commemoration of 9-11; 21 for Route 66).

◆ **State QSO Parties (9):**

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◆ **The PA QSO Party Association**

2022 bonus station operation has been awarded to the Stepansky brothers, Joe (KQ3F), Steve (KC3WX) and Andy (N3VZ). The Stepanskys are long-time Party participants and will be operating from Lehigh County in eastern PA using callsign KQ3F. Joe is a former member of HRAC.

Updated and current rules have been posted: paqso.org/pa-qso-party-rules.html

PQP has also posted a FAQ: paqso.org/faqs.html

■ The **CQ World-Wide RTTY DX** Contest from September 2021 results have been released. Club members **Keith W3KB** and **Curt K3URT** came in 2nd and 3rd respectively in the W3 call area. W3KB came in 7th in the USA.

■ The **CQ WPX RTTY Contest** from February 2022 results have been released. Club member **Curt K3URT** came in 10th in the W3 call area. ■

CORRECTION!

In the August 2022 edition newsletter, page 3, your editor mistakenly identified **Chuck Maletich** as KC1YRC. The correct callsign is **KC1YSR**. My apologies to Chuck and all!

NEWS • COMMUNIQUE • MESSAGES • DISPATCHES • QST

VOLUNTEER ACTIVITIES:

Contact: Carmine Prestia, K3CWP, k3cwp@arrl.net

- **Rothrock Grit Gravel Grinder Bicycle Ride**, Saturday **10 September**. Starts on Tussey Mountain through the Rothrock State Forest. www.bikereg.com/50707
- **PA Trail Riders' Assoc. 7 Mountains Dual Sport Motorcycle Ride**, usdualsports.com/event/seven-mountains-dual-sport/ **10 September**. Starts in Weikert, PA and runs through the Bald Eagle State Forest.
- **PA Environmental Council Public Lands Bicycle Ride**, Sunday **17 September**. ridewithgps.com/organizations/81-pennsylvania-environmental-council/home?lang=en Runs through the Black Moshannon State Park and Forest near Philipsburg, PA.
- **Unpaved of the Susquehanna Valley Bicycle Race**, gropromotions.com/unpaved/ **9 October**. Begins and ends in Lewisburg, PA through the Bald Eagle State forest/four counties. Various positions and times.

— Sources: gathered from various venues and from **Richard, KB3YRC**. ■

Eclectic Tech: QRT

ARRL's podcast *Eclectic Tech*, produced and read by Steve Ford, WB8IMY, signed-off with episode #67, 25 August. Steve had a long two-year run. ■

Top 12 DXCC Most Wanted

1. P5 DPRK (North Korea)
2. 3Y/B Bouvet Island
3. FT5/W Crozet Island
4. BS7H Scarborough Reef
5. CE0X San Felix Islands
6. BV9P Pratas Island
7. KH7K Kure Island
8. KH3 Johnston Island
9. 3Y/P Peter 1 Island
10. FT/G Glorioso Island
11. FT5/X Kerguelen Island
12. YV0 Aves Island

The complete "DXCC Most Wanted" entities list (340) is available at: secure.clublog.org/mostwanted.php ■

Two New Bands for Canadian Amateurs

• 472 to 479 kHz, also known as 630 metres: on this new band; maximum of five watts EIRP, using emissions with a maximum bandwidth of 1 kHz.

• 5351.5 to 5366.5 kHz in the 60 metre band: this is a new worldwide allocation. Canadian Amateurs are allowed to run a maximum of 100 watts ERP, using emissions with a maximum bandwidth of 2.8 kHz.

"The new 60 metre band is in addition to our existing fixed-frequency allocations at 5332, 5348, 5373 and 5405 kHz. The new 15 kHz-wide allocation overlaps our existing authority to use 5358.5 kHz. Canadian Amateurs are unique in having authority to use 100 watts ERP on the four spot frequencies and on the new 15 kHz worldwide segment. Amateurs in most countries are limited to 25 watts or less and may operate only in the new 15 kHz-wide segment." — Dave Goodwin, VE3KG, Regulatory Affairs Officer, www.rac.ca/two-new-bands-for-canadian-amateurs/ ■

Ed. For US operations please see www.arrl.org/60m-channel-allocation

QUA HRAC?

Send to:

newsletter@w3uu.org
or webmaster@w3uu.org

Newsletter submission guidelines

Deadline: For the OCTOBER issue is end of business day WEDNESDAY, 5 OCTOBER — sorry, no exceptions!

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

✓ Cite the source. Permission must be obtained from the author using copyrighted material except "fair use" extracts.

✓ Please proof-read your finalized narrative before submitting. As a practice, the editor will "quote" rather than "correct."

✓ Submit by email to:

newsletter@w3uu.org

LICENSE STUDY INFORMATION

Technician and General Classes —

York Township (Dallastown)

September 17-19

Lancaster County Public Service Training Center

Technician: 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 ■

A free, weekly, live **Technician Class Licensing course** on Zoom™ starting Thursday, 8 September, and running through Thursday, 20 October (seven sessions). The three-hour sessions will begin at 1830 ET. These are the classes that we have been holding for years sponsored by the National Electronics Museum. Those wishing to sign up should email:

roland.anders@comcast.net

Please pass the information along to interested potential new hams. (Thanks, Glen, K3SWZ) ■

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. ■

— 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.) ■

★ **Tim, W4NKC**, Membership Manager, reports we have 81 members of which 64% are ARRL members. ■

★ The membership, in the August meeting, voted to use the N3FJP.com logging application for the Club. Many presently use the software and find it easier to use. ■

★ (Also see Contesting, page 4.) ■

★ HRAC's Laurel VE Team tested six candidates 20 August. Five passed their Technician exam and one upgraded to General class. Participating in the examinations were: Team Leader **Steve, KA3PDQ**; **Doug, K3DRE**; **George, AC3EA**; **Tim, W4NKC**; **Frank, KB3PDQ**; **Curt, K3URT**. ■

★ If you didn't attend the last "Elmer Time" session, last meeting, you missed an excellent presentation on Arduino™ for beginners by **Adam, KC3MFJ**. The presentation was a practicum with member laptops.

MEMBER SPOTLIGHT:

*This month's spotlight is
Adam, Spangler, KC3MFJ.*

What drew you to be interested in amateur radio?

I've had a lifelong interest in electronics that translated into a bachelor's degree in electrical engineering. Growing up, I had family friends who were hams, but somehow, I never quite caught on to it. I actually got my technician license on a whim in 2018, but then didn't know what to do with it or where to start, so it lay dormant for several years. In retrospect, I can't believe it took me until age 30 to get properly get into amateur radio; it's the perfect hobby for me.

I teach the Electronics Engineering Technology program at Dauphin County Technical School, so I have summers off. When school let out for the summer of 2022, I decided I wanted a hobby to focus on during my time off. I challenged myself to upgrade my license and get on HF in the two weeks between the end of school and Field Day. I managed to pass both the General and Extra exams at the same time, took a road trip to Ham Radio Outlet's Delaware location to buy my Yaesu FT-991A

in person, and built a dipole antenna in my backyard. Field Day gave me a hard deadline to work against, which kept me focused and motivated.

Why did you pick your vanity call (if applicable)?

Many people think KC3MFJ is a vanity call and that I was just a big fan of MFJ Enterprises. In fact, it was randomly assigned to me, and I had no idea when it was assigned that there was anything unusual about it. I had never heard of MFJ at that point. I didn't know there was anything significant about my call until I introduced myself at my first HRAC meeting!

What has amateur radio taught you?

I love the intensely practical application of my electronics theory knowledge. Between the EE bachelor's degree and my own quirks, I can often end up too focused on the theoretical half of electronics. I initially struggled to translate a theoretical antenna into an actual antenna. By joining HRAC and visiting fellow club member's shacks, I was able to see how much you can still do with an antenna that isn't exactly a half-wave high and isn't perfectly impedance-matched to its feedline. This helped "unstick" me. To

(continued on page 7)

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

- ◆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!

HAM HISTORY • HARRISBURG

September



QST, September, 1922, p. 37.

75 Years Ago: Olmstead AFB

Middletown, 1946: The 11th Air Force opened the Olmstead Air Force Base. It became a predominant employer in Dauphin County until it closed in 1969 and turned over to the Pennsylvania National Guard and redevelopment into the Harrisburg International Airport. Previously in 1966, much of the Air Force property transferred to Pennsylvania State University - Capitol Campus.¹



Lt. Col. Ira F. Stinson,
W3NPA

However, in September 1947, amateur radio operator Staff Sergeant E. J. Harris, W3NDF, installed W3NPA on the base under the administration of Lt. Col. Ira F. Stinson, a licensed ham living in Harrisburg.² It was the second such installed station in the 11th AF. Harris assisted in off-duty training and radio communications.³

The callsign was dropped after 1948 and not found after that or in current QRZ and FCC databases. ■

¹ en.wikipedia.org/wiki/Harrisburg_Air_National_Guard_Base

² Fall 1948 *Radio Amateur Callbook*, Chicago: Vol. 26:3, p. 87.

³ "11th Air Force Amateur Radio Station on Air" *Harrisburg Evening News*, 24 Sept. 1947, p. 4. || "Air Force Operates Radio Station" *Harrisburg Telegraph*, 25 Sept. 1947, p. 4.

Stay in touch with the

ARRL Eastern
Pennsylvania Section
Manager,
**George Miller,
W3GWM**



URL: <https://epa-arrl.org>
Email: W3GWM@PTD.NET

"We are proud to announce the first edition of **Signals** the bi-monthly Eastern Pennsylvania Section ARES™ Newsletter.

Bob Wilson (W3BIG) is the editor and has compiled an outstanding newsletter for and about the ARES in our section.

Signals is posted on the EPA Website and can be reached at epa-arrl.org/wp-content/uploads/2022/08/Signals-ezine-AUGUST-2022.pdf

The Dauphin County ARES® team can be found on page 4. ■

Member Spotlight (from page 4)

make any idea a reality, we have to negotiate a compromise between the theoretical ideal and the situation we actually find ourselves in. Sub-optimal is better than not at all. This has been an important life lesson and also made me a more effective teacher and electrical engineer.

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

I enjoy hunting Parks on the Air, SSTV, and PSK31, mostly on 20 meters. When I sit down at my station, I try a bunch of different modes and bands, but almost always end up doing one of those three things on 20 meters.

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

Two of my students showed up to Field Day 2022. After much fiddling and consternation, we finally got my 40m dipole antenna working, and one of my students mentioned that he had an uncle out in Ohio who was a ham. This student texted his uncle and told him what frequency we were on. My favorite amateur radio moment so far was the look on that student's face when he recognized his uncle's voice on the radio.

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

I've become involved with Dauphin County Tech's FIRST Robotics team. I'm looking forward to working with the team this year and seeing how well we can do in the upcoming competition.

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

The barrier to entry is too high. By that, I don't necessarily mean that the licensing exams are too difficult. The biggest issue is what to do after passing the license exam. I've learned from both from my own experience and from talking to others that new licensees are frequently confused, lost, and not sure what to do next. Personally, I want to thank K3URT for his help early on. If it wasn't for his advice, I would still be an inactive callsign.

Because I teach Electronics to high school students for a living, I have a pretty good sense of what it takes to get someone started in something and what is going to be too much for them. Amateur radio is so complicated that it's easy to fall into the "too much for them" category. When I have more than a single summer's experience as a ham, I want to create an "on-ramp" to help new hams not lose interest or become overwhelmed. ■

AREA SILENT KEYS:

◆ **Ray Ellis DeWalt, W3MH**, 92, of Camp Hill, passed away 16 June; born 8 November 1929, in Mechanicsburg. Ray was the widower of Marian (Anderson) DeWalt, who died on 10 January.

Ray's survivors include two sons: David and Eric; two grandchildren: Zachary McPartland and Kayleigh DeWalt.

He then joined the Army and served stateside during the Korean War. Ray retired from PP&L in 1992, after many years of service working as a radio communications specialist. Ray enjoyed "putzing" in his workshop and building radio devices/equipment. His family jokingly referred to him as "MacGuyver"; he liked to rig things and create clever solutions to problems that you didn't even know you had.

Ray was an Extra Class licensee, and a life ARRL member.

Contributions in celebration of Ray's life can be made to St. Mark Evangelical Lutheran Church, 117 W. Keller St., Mechanicsburg, PA 17055, www.StMarkMburg.com; or American Radio Relay League Diamond Club, www.arrl.org/memorial-gifts. — www.buhrig.com/obituary/Ray-DeWalt ■

◆ **Gerhard "Gary" Hoffmann, AK3P**, 73, of Palmyra, passed away peacefully at home with family by his side on 26 July. He was born 28 March 1949.

He is survived by his loving wife, Karin L. (Schmidt) Hoffmann and children, Ian and Jennifer.

His final resting place will overlook the village of his birth in Germany. — www.finkenbinderfamily.com/obituary/Gerhard-Hoffmann

"I was born in 1949 in a small town in the south of Germany, close to the Swiss/French border.

As a young lad I always had a keen interest in radio and wireless communication.

The wireless communication just fascinated me to no end.

Then later on I went through the Kosmos Radiomann, AM detectors and later the Kosmos Elektronik stages, for those who are familiar with that great series of educational kits.

Later in my life I sat for my first radio license while living in Canada (VE7CGB). Thereafter I became active in Germany as DD4GC and then upon my return to the US sat for my extra class test (1982) and got my current call AK3P. I was very active in it for a long time, but life took over and ham radio took somewhat of a back seat."

Gary was an Extra Class licensee. — <https://www.qrzccq.com/call/AK3P> ■

W3UU - Harrisburg Radio Amateurs' Club OktoberFest

Saturday October 22nd, 2022

OKTOBERFEST

Electronics Expo and Hamfest



Vietnam Veterans of America

8000 Derry Street

Harrisburg, PA 17101

7:00 am to 11:00 am

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

No reserved table space.

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

For further information contact:

Bob Saber (K3RTS)
122 Deaven Road
Harrisburg, PA
717-574-2608
K3RTS@w3uu.org



Web Site: www.w3uu.org



Save the Date! – W3UU WinterFest is January 14, 2023

Webmaster Report – September 2022 Club Meeting

Dear HRAC Club Members,

Since December 2021, it has been my pleasure to serve as the HRAC Webmaster, as well as other duties. Unfortunately, my time has come to an end and HRAC is actively looking for someone to take over the role of HRAC Webmaster, as well as fill other volunteer seats available on the Website "Committee".

Duties to be performed would be the ongoing oversight, growth, and management of the HRAC website. This would primarily be someone with good content experience in terms of writing effective and quality copy and text for the website. Other skills, including management of a WordPress content management system, can be easily trained and/or learned for the sake of this position. There are other more technical aspects to this role, including the management of the newly issued w3uu.org email addresses and mailbox. But again, any solid technical person could manage these specific services. Most everything involved is driven through Control Panels vs. down and dirty commands and programming. You do NOT need to be an actual IT professional.

As for the past month, I began to transition out of my role of HRAC Webmaster. Limited attention has been made to ensure ongoing day-to-day operations continue. Keeping the website up and running is certainly priority number 1. There are other backlog items still to be performed, and those will be handled by the next generation of volunteers. As a final transitional item all outstanding work items, projects, and tasks will be properly documented and delivered to my successor, as well as providing proper education to the new "team". I always appreciated the flow of great ideas, but what is truly needed is more help to make sure they get accomplished. Time is going to be the biggest commitment anyone can have to offer this position moving forward.

In summary, there was a very good website before I took over the position and evolved it to what it is today. We got on the bus and drove it from point B to point C. Now the next "team" will take over and continue the journey from here. It will be interesting to watch the continued evolution over time. KD3MAD will remain on the air and involved with the club, just in far less capacity. I thank you for your time and appreciation and blessings to all!

Website Statistics for August 3, 2022 – September 6, 2022

Form Submissions

License Exam Request Form	Contact HRAC Form	Help HRAC Form
	2	0

Overall Performance – Website Traffic

Number of Visitors	Number of Sessions	Bounce Rate	Session Duration
352	449	64.59%	1 minute and 45 seconds

Sessions by Device Type

Desktop	Mobile	Tablet
258	173	18

Top 5 Performing Pages/Sections

Page	Number of Requests	Average Time on Page	Number of Entries	Exit Rate (Last Page Used)
Home Page	242	00:01:10	171	39.67%
Hamfests (Sectional)	157	00:02:22	83	54.71%
Announcements	53	00:00:24	7	57.14%
Club Meetings	39	00:00:21	9	77.78% **
License and Exams	39	00:01:43	5	80.00% **

** Large Exit Rate shows interest points for users of website. Only problem, that was their only interest ("in and out for exams, specific events and resources")

Search Stats -Top Performing Google Search Requests

Number of Impressions	Number of Click-Throughs	Average Rank per Search
12,000	322 (Average CTR 2.7%) ***	29.8

Top 5 Performing Search Phrases

Keywords/Phrase	Number of Impressions	Number of Click-Throughs
w3uu	20	4
hamfest	94	2
ham radio clubs near me	6	1
ham radio swap and shop	4	1
hamfest pa	0	72

*** A low Average CTR (Click Through Rate) is an indication that we are being seen, but not be viewed and utilized as a true resource.

This report is hereby respectfully submitted,

Michael A. Drawbaugh (KD3MAD) -- Clear

W3UU The Harrisburg Radio Amateurs Club, Inc.**President – Bob, K3RTS, Vice-President – Vacant****MINUTES OF THE AUGUST 10, 2022 MEETING**

MEETING CALL TO ORDER: The Wednesday, August 10th, 2022, meeting of the Harrisburg Radio Amateur's Club, Inc. was called to order at 1941L 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 & CALL SIGN: 11 individuals were present and introduced themselves briefly.

SECRETARY REPORT – July 2022 Minutes. Opened for comments, questions, and corrections. Hearing none, the Motion to Accept by Steve, KC3EUU. Curt, K3URT, seconded the motion; the attending membership approved the minutes by voice vote.

TREASURERS REPORT – July 2022 report presented by Dave, KC3MG. Open for comments, questions, and corrections. We have money! The report indicated solvent and consistent with a good balance. Report also included final numbers from Firecracker Hamfest 2022. Motion to Accept by Tim, W4NKC. Steve, KC3EUU, seconded the motion; the attending membership approved the minutes by voice vote.

LICENSE TRUSTEE REPORT – Dave, KC3MG reports that license is good and there have been no complaints. Also, no complaints to the FCC on Field Day 2022.

EQUIPMENT TRUSTEE REPORT – Terry, WB3BKN, says that everything is good. Terry was not able to attend, and information was presented by Dave, KC3MG.

LAUREL VE COMMITTEE – Volunteer VE attending Tim, W4NKC, reported subsequent testing is Saturday, August 20th at 0900L and that individuals must register by end-of-day the Friday before. Testing location will be the Vietnam Veterans Association Building, 8000 Derry St, Harrisburg, PA 17111.

REPEATER COMMITTEE – Terry, WB3BKN, says that repeater and controller are working, no complaints.

MEMBERSHIP COMMITTEE – Chair Tim, W4NKC, reported that there are 81 current members with 52 being ARRL members (64%). With more than 50% of our members also being ARRL members, we remain an ARRL Affiliated Club.

NEWSLETTER COMMITTEE – Curt, K3URT, reports the next article deadline is by the end of business day, Wednesday, September 7th. Reminder that the newsletter contact email has changed to newsletter@w3uu.org.

WEB PAGE COMMITTEE – No report this month. Mike, K3MAD is looking for help with content management. If you are interested, please contact Robert, K3RTS.

EMERGENCY COMMUNICATIONS – Robert, K3RTS, reports:
– ARES Net meets every Monday at 1900L on the 145.110 repeater.

ELMER TIME Coordinator Joe, W3JPH. For tonight's Elmer Time, Adam, KC3MFJ, presented an introduction to using the Arduino Electronics Project Controller. We reviewed the Arduino Hardware and then tried our hand at programming to make a CW generator. 11 people attended.

HAMFEST – Firecracker July 2nd, 2022, and PA State Convention. Terry, WB3BKN is the Chair. Dave, KC3MG, presented the final report on the finances of the event and attendance numbers.

– Upcoming Hamfests will be the OctoberFest on 22 October 2022, and the Winter Hamfest on 14 January 2023. Volunteers requested to be available from 500L to 1200L and the event runs from 700L until 1100L.

OLD BUSINESS – Sept 11th Commemoration on September 11, 2022, at Memorial Lake State Park. This will be a Parks-On-The-Air (POTA) activation as well. Event will occur from 1000L to 1600L.

NEW BUSINESS – We may be having some issues with the new Computer Router that we used on field day. New Router was purchased because we did not have the power supply for the old Router for Field Day. Terry, WB3BKN will look for original power supply. If not found, Frank, KC3NRK will look for a replacement based on specifications on old Router's name plate.

– Request to buy new Contact Logging Software for Contesting Events, Field Day, and other club events. Currently we are using N1MM and looking to spend \$59.00 on a club license of N3FJP for both club laptops. Motion to Accept by Curt, K3URT. Steve, KC3EUU, seconded the motion; the attending membership approved the purchase by voice vote.

FOR THE GOOD OF THE CLUB – Since Frank, KC3NRK will be out of town during the September Club Meeting, Curt, K3URT has kindly volunteered to take notes for the meeting minutes.

– Time to start thinking about HamFest for 2023. If no objections, we will look at using the Peach Tree Restaurant for the event like we did in 2022.

– **NEW MEETING TIMES:** In order to give the Elmer time presenter more time and welcome more discussion and interactions, we will be trying out a new order of events for our in-person meetings on the second Wednesday of the month. We will start the Club Business Meeting at 1830L and run until 1900L. That will allow us to start Elmer Time at 1900L and go until 2000L if needed by the topic being presented.

ADJOURNMENT – A motion to adjourn by Steve, KC3EUU, and seconded by Chuck, KA1YSR. The meeting closed at 2021L.

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.

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!

2022 Simulated Emergency Test

Practice your emergency readiness on October 1 – 2, 2022.

Steve Ewald, WV1X

The basis and purpose of the Amateur Radio Service, according to Part 97 of the Electronic Code of Federal Regulations (eCFR), is “Recognition and enhancement of the value of the amateur service to the public as a voluntary noncommercial communication service, particularly with respect to providing emergency communications.”

With this in mind, the annual nationwide ARRL Simulated Emergency Test (SET), scheduled for October 1 – 2, 2022, invites you and the radio amateurs in your ARRL Section to learn how to properly check equipment and practice operating skills during a simulated emergency exercise.

ARRL and Partner Organizations

ARRL Field Organization, Amateur Radio Emergency Service® (ARES®), National Traffic System (NTS), and Radio Amateur Civil Emergency Service (RACES) leaders and participants, along with traffic (message) handlers, are among many radio amateurs and organizations who are active in public service and emergency communications. The SET is an opportunity to fine-tune emergency preparations and put ongoing practice to the test under simulated emergency conditions.

ARRL has formal relationships with several national organizations — including the American Red Cross, the National Weather Service (NWS), the Federal Emergency Management Agency (FEMA), and the Salvation Army — with whom ARES members and other radio amateurs work closely when emergencies occur. This year, we are offering bonus points for cooperation with Army MARS stations, and for sharing information between MARS and amateur radio stations. Visit www.arrl.org/served-agencies-and-partners for more information.

National Preparedness Month is recognized each September to encourage everyone to be ready for



As part of their 2021 SET, Carlton County ARES/RACES (Minnesota) established this portable amateur radio station outside the Scanlon Community Center and fire station. This location would likely serve as an emergency shelter. The trailer is owned by Cliff Tanner, ACØFO, and it houses HF and VHF/UHF radios powered by a generator and batteries. [John Cavanaugh, KCØAFE, photo]

emergencies and disasters. The US Department of Homeland Security (DHS) partners with several organizations to help promote the importance of year-round preparedness. This fall's ARRL SET is a demonstration of amateur radio's commitment to serve the public. More information on National Preparedness Month can be found at www.ready.gov.

Ready, SET, Go!

ARRL Field Organization leaders may conduct their local or Section-wide SET at a time other than the weekend of October 1 – 2 to avoid schedule conflicts and allow for maximum participation. Exercises should be held no later than the end of the fall season or the calendar year.

Contact your local ARRL Emergency Coordinator or Net Manager to learn how you can get involved. Local clubs and your Section Manager may also assist in referring you to times and frequencies of the nearest ARES or NTS nets. The ARRL Section web pages present Section contact information at www.arrl.org/groups/sections.

Guidelines for the exercise and 2022 SET reporting forms for ARRL Section and Field Organization leaders can be found on the ARRL website at www.arrl.org/public-service-field-services-forms.

NEW HAM

JUMPSTART PROGRAM

WELCOME PACKAGE INCLUDES:

- FREE Explore QRZ-1 VHF/UHF Handheld Radio
- FREE RT Systems Programming Software!
- 50% Discount on a USB Programming Cable

HOW TO APPLY:

- Create a free QRZ.com account
- Apply at www.qrz.com/jumpstart
- Receive your unique discount code from QRZ via email
- Go to gigaparts.com/qrzjumpstart
- Add your QRZ-1 to cart
- Use your unique discount code at check out.

► **HURRY, PROGRAM ENDS OCTOBER 31, 2022**

Available to New hams who have just obtained their first license from the FCC. Applicants must apply within 30 days of the license grant date per the FCC records.

Visit qrz.com/jumpstart for complete rules.



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