



W3UU NEWSLETTER

— APRIL 2022 —

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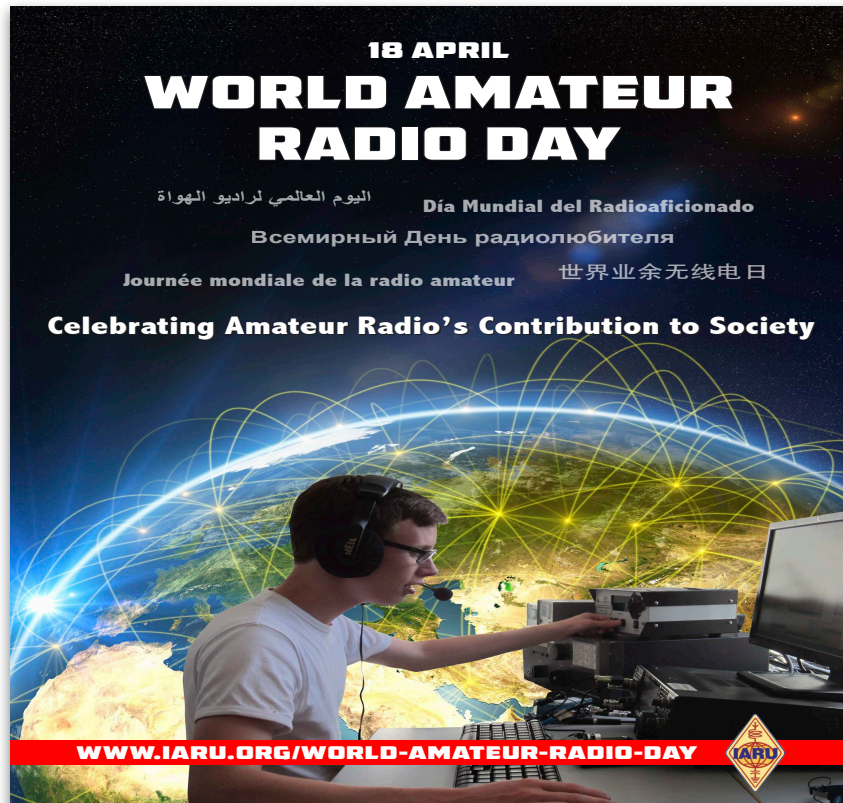
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Honor yourself and those before you and be active on our special day of the year.

Formed this day, in 1925, the International Amateur Radio Union celebrates amateur radio. It is also, in part, a celebration of Guglielmo Marconi's contribution to radio science (born 25 April).

The IARU Administrative Council has chosen "Amateur Radio: Home but Never Alone" as the theme for World Amateur Radio Day, Sunday, 18 April 2021. — www.iau.org/on-the-air/world-amateur-radio-day/

QST: NEXT MEETING is **WEDNESDAY, 13 APRIL**, 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," **Dave, KC3MG**, will be presenting part 2 of "Feedlines for 160 meter antenna." Time permitting, he will also demonstrate how to make an open transmission line. ■



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:

April:13th, club meeting.
16th, license testing (see below).
May:11th, club meeting.
June:8th, club meeting.
18th, license testing (see below).
25-26, Field Day. (See page 4).
July2nd, Firecracker HamFest & Convention. (See pages 4, 10 and 11).

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

NEW: special message page 8 regarding FCC fees.

Webmaster Report – March 2022 Club Meeting

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

Dear HRAC Club Members,

Since February 2022 meeting, we continued to examine and plan action on the projects and tasks that backlogged during our lag time in early January. As always keeping the website up and running under normal operations is priority number 1. We then focused on adding timely and frequent announcements to the Announcements section to keep content fresh and of interest to not only members but the public as well. Also added a new Other Hamfests page to the site which will track hamfests other than those sponsored by HRAC. General rule of thumb is 100-mile radius from zip code 17102 (center city Harrisburg), but other intra state and regional hamfests have been added as well. Again, keep content fresh and there will be more reason for visitors to keep coming.

Additional email response and outreach has continued at a higher degree by the web team. In addition to responding to general Contact Us forms, we are proactively engaging Exam Licensee requestees. End goal is to engage and attract more new members and help amateur radio operator candidates in general find their way and bring good relationships into the club. We are not just a place to take exams!

Other items staged and about ready to go live for Q2 2022 are: SSL security certificate; HRAC Photo Album and increased visibility for Elmer Time information and materials (when provided). As always, the rest will happen in time. If you are interested in assisting with the addition and maintenance of content, please contact kd3mad@w3uu.org. Furthermore, please continue to provide feedback and suggestions for information and content. This is the club's website, so membership is highly encouraged to share feedback with Club Webmaster MAD Mike (KD3MAD) at webmaster@w3uu.org or kd3mad@w3uu.org.

We continue to be an active hub for VE Testing. This month's **License Exam Request Forms:** **4**

Website Statistics for the Month February 9, 2022 – March 8, 2022 *(In general, all numbers are up again from previous month)*

Contact Us Submissions	Successful Outreach	Notes
5	5	In addition to making quality contacts with public, two (2) significant interactions took place. First was a donation on behalf of Club Vice President Emily (K3ESU SK) and the other was an informal affiliation with PSU – Harrisburg for exams and membership.

Number of Impressions	Number of Click-Throughs	Average Rank per Search
2,250 (up 12% from last month)	77 (3.4% Click Rate)	33.3

Top 5 Performing Pages by Search	Number of Impressions	Number of Click-Throughs
Home Page	332	37
Hamfest Landing Page	322	19
Swap and Shop	245	4
License Exams	127	4
Weekly Net and Newsletters (tied)	34	2

Top 5 Performing Searches	Number of Impressions	Number of Click-Throughs
w3uu	24	11
hamfest pa	58	2
harrisburg hamfest	5	2
free amateurs (yep – real search to our site)	16	1
ham radio in my area (and variants)	9	4

Items are ranked in order of Click-Throughs. Other notable impressions from searches include: "amateur full swap"; "ham radio prep"; "pa qso party"; and "emcomm radio"

This report is hereby respectfully submitted.

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

ARRL Field Day in 2 months! Join the fun!

25-26 JUNE 2022



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Rule Changes for ARRL Field Day 2022:

- All Field Day stations are limited to a maximum 100 watts Peak Envelope Power (PEP) transmitter output, regardless of operating class.
- Class D stations can contact any other station for QSO points.
- **Media Publicity bonus point criteria have changed (7.3.2).** "100 bonus points may be earned for obtaining publicity from the local media. A copy of the actual media publicity received (newspaper article, etc.) must be submitted to claim the points. Any combination of bona fide media hits would qualify for the bonus points. For example, posting the details of your upcoming or ongoing Field Day activity, or your Field Day results, on a **club or news media site**, on Facebook, or via **Twitter and Instagram** would meet the bonus criteria. Available to all Classes." **(Post to your Club's website and newsletter!)**
- **Individual stations can contribute their scores to an aggregate score of their club by supplying the club's name on the entry form at time of entry.** **(Can't make it to your Club's FD site but want to give points? Now you can from your home!)**

Full Rules: www.arrl.org/files/file/Field-Day/2022/2022%20Field%20Day%20Packet.pdf

— BUT MOST ALL... WE NEED YOU TO HELP! —

CONTACT: Bob, K3RTS at k3rts@w3uu.org

Word to the Wise

When submitting contest logs, many contest sponsors will provide an email confirmation of your entry. It's always advisable to check your confirmation email or the contest's Logs Received page to ensure that your entry has been submitted and that your entry

category, club name, and location are correct. ARRL, CQ, and other contest sponsors allow you to resubmit your log with any corrections before the log submission deadline. The most recent uploaded log will be used for scoring purposes. After the deadline, some contest sponsors will release

raw scores that reflect the results before any log checking has been completed. If, after the deadline, you notice an error in your log submission, contact the contest sponsor to correct it before the results are tabulated and made public. — www.arrl.org/the-arrl-contest-update

C O N T E S T I N G e t a l

• Contest Calendar April 2022 (over 146):

www.contestcalendar.com/contestcal.html

Most popular April contests:

- ✓ PODXS 070 Club PSK 31 Flavors. (2-3)
- ✓ ARRL Rookie Roundup, SSB. (10th)
- ✓ International Amateur Radio Day (18th); not a contest but various clubs and societies celebrate - see www.iaru.org/on-the-air/world-amateur-radio-day/
- ✓ 10-10 International Spring Digital. (23-24)
- One-By-One special events (55): www.1x1callsigns.org
- State QSO Parties (11): 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

NEW The ARRL World Wide Digital Contest will debut at 1800 UTC on **June 4**, 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 ■

♦ **France's IARU** member-society REF has announced that special event station TM97WARD will be among those on the air **April 16 - 25** to celebrate World Amateur Radio Day (WARD), which takes place each year on April 18. ■

♦ **DARC**, the German IARU Member Society's Team SES will activate DA22WARD from 1 March until 30 April in celebration of World Amateur Radio Day on 18 April. ■

♦ 2 new Canadian QSO Parties:

• **Canadian Prairies QSO Party:** 1700 UTC, 14 May to 0300Z 15 May 2022. Modes: CW and SSB only (No digital) — cpqp.ve6hams.ca/

• **Québec QSO Party:** 17 April 1200-2000 UTC. — wp1.quebecqsoparty.org/ ■

WRTC 2022 Special Event Station Award Begins New Cycle

World Radiosport Team Championship 2022 (WRTC 2022) special event stations have been on the air to call attention to the international competition, now set to take place in July 2023.

Stations that already worked toward the WRTC 2022 Award in January and February may be contacted again. Stations need 50 points for the award. The point structure is 5 for CW contacts, 10 for SSB contacts, 12 for RTTY contacts, and 17 for FT8 (or mixed). Points accumulate each month. Your March score will be added to your February and January scores. Register and log in to hamaward.cloud and select "WRTC2022 Award" to access your score page and logbook. The WRTC 2022 Award organizers are asking participants not to send or email QSL cards. Further information will show up on the hunters' website.

Special call signs are active during this event. More than 100 Italian radio amateurs will activate special WRTC call signs, one for each Italian call district, concluding on July 10, 2022. A first-time award promoting WRTC 2022 will be available. Look for these call signs to be active during some contests, concluding with the 2022 IARU HF World Championship. Each participant's contact totals and award-hunter scores will be displayed on a real-time leaderboard. Participants can download the award in digital format. — *Thanks to The ARRL Contest Update* ■

Tip WARC Bands: contest sponsors have agreed to keep the 60, 30, 17 and 12-meter bands off limits from competitive events. ■

CQ to Limit Contest Participation by Stations in Russia, Belarus and Donbas Region Due to Russian Invasion of Ukraine

"FOR IMMEDIATE RELEASE: March 17, 2022

CQ Communications, Inc., publishers of *CQ Amateur Radio* magazine and sponsor of the CQ World Wide DX and WPX Contests, announced today that in light of the invasion of Ukraine by Russia and Belarus, it will not accept competitive entries in any of its sponsored contests by amateur radio stations in Russia, Belarus or the separatist Donbas region of Ukraine (unofficial D1 prefix). Logs submitted by these stations will be accepted only as checklogs. In addition, contacts with these stations by other participants will have zero point value and will not count as multipliers.

This is in line with a similar action taken by the [Radio Society of Great Britain](http://RadioSocietyofGreatBritain), following the lead of other international sports federations around the world.

"We regret the need to take this action," said CQ Publisher Richard Ross, K2MGA, "and recognize that the vast majority of our fellow amateurs who are affected by it are innocent bystanders who had no role in their government's decision to invade another sovereign country. However, in light of the great suffering being inflicted without cause on the people of Ukraine by Russia's leaders, we cannot in good conscience stand by and do nothing."

The CQ policy will take effect with the 2022 CQ WPX SSB Contest on March 26 and 27. Future events will be considered on a case-by-case basis, depending on the situation at that time. — cqwpix.com/blog/ ■

Russia and Belarus suspended from CEPT membership

Effective March 18 the European Conference of Postal and Telecommunications (CEPT) announced the indefinite suspension of Russia and Belarus following the invasion into Ukraine. — cept.org/cept/news/suspension-of-the-russian-federation-and-belarus-from-cept-membership/ ■

QUA HRAC?

Send to:
HRAC.Newsletter@gmail.com
or
webmaster@w3uu.org

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.

■ 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

— April, 100 years ago —

3ACN

Radio Station 3ACN, owned and operated by George and Robert Doehne, began two years ago as a simple crystal detector. It is now one of the best radiophone receivers in this city and has transmitted as far as Mt. Gretna, Portland, Maine.

The receiving set is composed of an old style Reinartz tuner, detector and one stage amplifier, but in order to get a higher wave, a loose coupler, a detector and one stage of amplification is used. A new style Reinartz tuner and detector and two stage amplifier are now under construction for C. W. and phone work. Commercial stations can be copied.

The transmitting set consists of one-fourth K. W. Acme transformer, Murdock condenser, heavy copper strip oscillation transformer, variable speed rotary gap with control and kick back preventer. The antenna is a four-wire flat top, with an average height of thirty feet. A counter poise duplicating the aerial is suspended about ten feet above the ground. This counterpoise is used for receiving in conjunction with a wire connected with the heating system.

"Radio News: 3ACN." *Harrisburg Telegraph*, 7 April 1922, p. 15.

RADIO LIMERICKS

A New Cumberland lady named Bess
Had a hubby who drank some, I guess.
Now everytime time she
Hears he's out on a spree
She radios him: "Home, S. O. S."

Ginger. "People People Know In Town." *The Courier*, Harrisburg, Pennsylvania; 9 April 1922, p. 8.

Newsletter submission guidelines:

Deadline: For the MAY issue is end of business day WEDNESDAY, 4 MAY — 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:

HRAC.Newsletter@gmail.com

LICENSE STUDY INFORMATION

NEW The **Montgomery Amateur Radio Club**, Silver Spring, Maryland, offers a free online Zoom Technician Class licensing class on seven Saturdays, 1300-1600L, starting 19 March to 30 April 2022. A test session on the following Sunday morning, 0830-1100L, 1 May. For details:

www.marccclub.org/mweb/education/classes/technician.html ■

Technician and General Classes: Lancaster County Public Service Training Center

Technician: April 9-10 • August 20-21 • October 15-16 • **General:** October 29-30

Contact:

Ralph Brandt, K3HIQ
1705 Misty Dr
York PA 17408-4237
C 717-885-3063 • H 717-792-1017
ralph.brandt@comcast.net ■



Stay in touch with the ARRL Eastern Pennsylvania Section Manager, **George Miller, W3GWM**

URL: <https://epa-arrl.org>
Email: w3gwm@arrl.org

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

• **March Meeting Cancelled.** The meeting was unexpectedly cancelled due to a scheduling conflict presented at the building. Our apologies for any inconvenience.

• The Club **Meeting Minutes**, for March, therefore, is not included in this issue.

• **NEW** The contact **email address** for newsletter will be changing in the near future. The old HRAC.newsletter@gmail.com will be monitored until July 1st then deactivated. Please use the new email address **after 20 April, 2022:** newsletter@w3uu.org

• A **NEW** feature is coming soon! "**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.) ■

— 5K RACE HELP NEEDED —

COUNTY CRAWL 5K & FUN RUN – Halifax, PA • SATURDAY, 30 APRIL • Halifax Endsers Fisherville Elementary School, 791 Endsers Road, Halifax.

Amateur radio operators report at 0730L at the school (above).

The race starts at 0930 and is to end by approximately 1100.

Needed: HT radio with extra battery pack. It is suggested to be dressed for appropriate weather for the morning hours.

Contact [Bob, K3RTS](#), for details concerning radio participation.

NEWS • COMMUNIQUE • MESSAGES • DISPATCHES

Volunteer Monitor Program Releases February 2022 Activity Report

"The Volunteer Monitor (VM) Program is a joint initiative between ARRL and the Federal Communications Commission (FCC)...

• **Technician-class** operators in ... Massachusetts; ... Iowa, and ... Oklahoma, were issued Advisory Notices for FT8 operation on 20 meters. Technician licensees have no privileges on 20 meters.

• **Technician-class** operators in ... Indiana; ... Texas; ... South Dakota; ... Illinois, and ... California, were issued Advisory Notices for FT8 operation on 7.074

MHz. Technicians have only CW privileges on 40 meters.

• **General-class** operators in ... Pennsylvania; ... Arizona, and ... Georgia, were issued Advisory Notices for operation on 20-meter frequencies not authorized to General-class operators.

The VM Program Administrator had two meetings with the FCC and participated in two amateur radio club meetings via videoconference. The final totals for VM monitoring during January 2022 were 2,172 hours on HF frequencies, and 2,932 hours on VHF frequencies and above, for a total of 5,104 hours. — *Volunteer Monitor Administrator Riley Hollingsworth, K4ZDH* — *The ARRL Letter* for 10 March 2022. ■

NEWS • COMMUNIQUE • MESSAGES • DISPATCHES • QST • REPORTS • TALK

FCC \$35 Amateur Application Fee Effective 19 April 2022

Public Notice 23 March 2022, states amateur radio application fees, including those associated with Form 605 application filings, will become **effective 19 April 2022**.

The \$35 application fee, will apply for a new license, renewal, rule waiver or a new vanity call sign. The fee will be per application.

VECs and **Volunteer Examiner (VE) teams WILL NOT COLLECT** the \$35 fee at exam sessions. Once the FCC application fee takes effect, applicants will pay the \$35 fee directly to the FCC via the CORES FRN Registration system (CORES Login).

HRAC's Laurel VE Team does not charge for testing — but the FCC \$35 fee is separate and will be up to applicant to make direct payment to the FCC.

When the FCC receives the new examination information from the VEC, it will **email** a link with payment instructions to each successful candidate who then will have 10 calendar days from the date of the email to pay. **(A valid email is RE-**

QUIRED per §97.23.) After the fee is paid and the FCC has processed an application, examinees will receive a second email from the FCC with a link to their official license. The link will be good for 30 days.

Additionally, the FCC stated that applications processed and dismissed will not be entitled to a refund. This includes vanity requests where the applicant does not receive the requested call sign.

Further news and instructions will follow as the FCC releases them.

SUMMARY:

Individuals: \$35 fee for new, modification (sequential call sign change), renewal, rule waiver, and vanity call sign applications. All fees will be per application.

Clubs: \$35 fee for new, renewal, rule waiver and vanity call sign applications. All fees will be per application.

EXEMPT from fee: Administrative updates, license upgrades, and a change of name, mailing or email address, or license cancellation, or change of trustees for clubs.

— www.arrl.org/fcc-application-fee

Cores Registration System:

apps.fcc.gov/cores/userLogin.do ■

Upcoming Hamfests:

YORK HAMFEST. Saturday, 30 April, 0800-1300 ET.

Location: Elicker's Grove Park
511 Roth Church Rd
Spring Grove.

Website: yorkhamfest.org

Sponsor: York Hamfest Foundation

Talk-In: 147.330+ PL123.0

Contact: duane.sterner@yahoo.com

2022 WARMINSTER HAMFEST AND EPA SECTION CONVENTION. Sunday, 1 May, opens to the public at 0700 ET.

Location: Bucks County Community College - Lower Bucks Campus, 1304 Veteran's Hwy (Rout 413), Bristol.

Website: www.k3dn.org/hamfest/

Contact: hamfest@k3dn.org

Digital congestion on 80 meters

Suppose you are a regular operator to Narrow Band Emergency Messaging Software (NBEMS) digital nets on 80 meters on Sunday mornings (and other times). In that case, you know the QRM is increasing from various modes.

The New Jersey NBEMS has changed check-ins after 0900 ET from 3.5865 MHz (dial) to $\pm 3.582.0$ MHz. In an email to the NBEMS community, Bill Kelleher, KC2VUT, net controller of NJ-NBEMS, moved the frequency, starting in April, "...to avoid any encroachment to the ACDS portion of the 80M band." ■

QUA? = "Have you news...?"

Radio Wars?

After silencing its External Service to Europe and the Americas in 2008 after 76 years, the war between Ukraine and Russia resurrects the BBC English service after being blocked in other media.

The shortwave broadcasts can be found on 15.735 MHz at 1400-1600 UTC, and 5.875 MHz at 2000-2200 UTC.

hackaday.com reports 4.625 kHz, a familiar frequency of the Russian jammer called "the Buzzer" has now become a battleground for others trying to jam the jammer with everything from conventional broadcast material to digital Stop War graphics. ■

Owning A Shortwave Radio Is Once Again A Subversive Activity

Well, not in the USA, but if you live in other parts of the world, it is. A trip down SWL memory for the *Ed.* and very entertaining article. hackaday.com/2022/03/17/owning-a-shortwave-radio-is-once-again-a-subversive-activity/

Within the article is a link to Phil B's *Listen to Shortwave Broadcasts on an AM Radio* — a simple hack: www.instructables.com/Listen-to-Shortwave-Broadcasts-on-an-AM-Radio/

There are other numerous ways on the Internet. ■

Rumor Control:

An irresponsible person reported on a YouTube video that QRZ.com has banned look-ups for Belarus and Russian Federation calls. *Nothing could be further from the truth* and neutrality is confirmed by owner Fred, AA7BQ. In his blog posted 6 March "...our site normally operates with a strict 'no-politics' rule. ... we are once again turning the switch to OFF for all political conversation." — forums.qrz.com/index.php?threads/qrz-and-the-situation-in-ukraine.803902/

Ed. note: as of 6 April, Russian and Belarus callsigns are available for look-up. ■

BASIC SKYWARN TRAINING

SPRING/SUMMER 2022 TALK SCHEDULE

Thursday, April 7 th	6:00PM – 8:00PM
Tuesday, April 12 th	2PM-4PM & 6-8PM
Thursday, April 28 th	6:00PM – 8:00PM
Wednesday May 11 th	6:00PM – 8:00PM

Virtual Talk *In-person (Lancaster)*



To register find the spotter talk on the calendar below and click the link!



State College • PA

<https://www.weather.gov/ctp/SpotterTalks>

Some important items to note:

• **YOU MUST REGISTER BEFORE ATTENDING A CLASS:**

Go to the above website and register. Each date on the website calendar will expand and process your online Basic training link.

NOTE: the Tuesday, April 12th schedule is **in-person only** at Lancaster County Public Safety Training Center, 101 Champ Blvd, Manheim.

• **BE SURE TO CHECK THIS WEB SITE THE DAY OF THE EVENT:** If any last minute cancellations or changes of venue need

to be made, they will be posted at the website.

• **GENERAL REMINDERS FOR SKYWARN CLASSES**

- ➔ Classes are free and open to the public.
- ➔ Attendees under the age of 16 must be accompanied by a parent/guardian.
- ➔ Classes typically last about 90 minutes.
- ➔ Make sure to download GoTo-Webinar on your computer prior to the meeting. (It's free!)
- ➔ Test your device for compatibility before the online class.

➔ Bring a pen/pencil to the class to take notes.

Any problems or questions... please contact:

Jonathan Guseman,
jonathan.guseman@noaa.gov

John Banghoff,
john.banghoff@noaa.gov

— Thanks to Dave, W3DLB, Richard, KB3YRC, and the Central Pennsylvania SkyWarn net for this information and reminder!

The CPSG meets on the air every Wednesday evening at 2100 ET, on the 145.110 MHz repeater. ■

Joseph A. Ames, 57, W3JY, SK.

Joe suffered a massive heart attack 4 March.

Joe has been a long-time member and Net Control Station for the Eastern Pennsylvania Emergency Phone and Traffic Net (3918 KHz, 1800L daily), and a former ARRL Section Manager for Eastern Pennsylvania.

Joe was also one of the Net Controls for the Sunday Morning Eastern Area RACES Net. (3987.5 KHz, 0900L.)

He was also one of the founding members of Radio Relay International and was instrumental in traffic operations both in EPA and the nation.

He is survived by his wife and two teenage sons.
Obituary: <https://tinyurl.com/ykd55n54> ■

ARRL.org has a new look and features.

ARRL's website had an overhaul recently. If you haven't already, check it out and **remember you must re-register** for full access as a member.

www.arrl.org/news/register-to-log-in-to-arrl-org ■

W3UU - Harrisburg Radio Amateurs' Club 51st Annual

Saturday JULY 2nd, 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

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

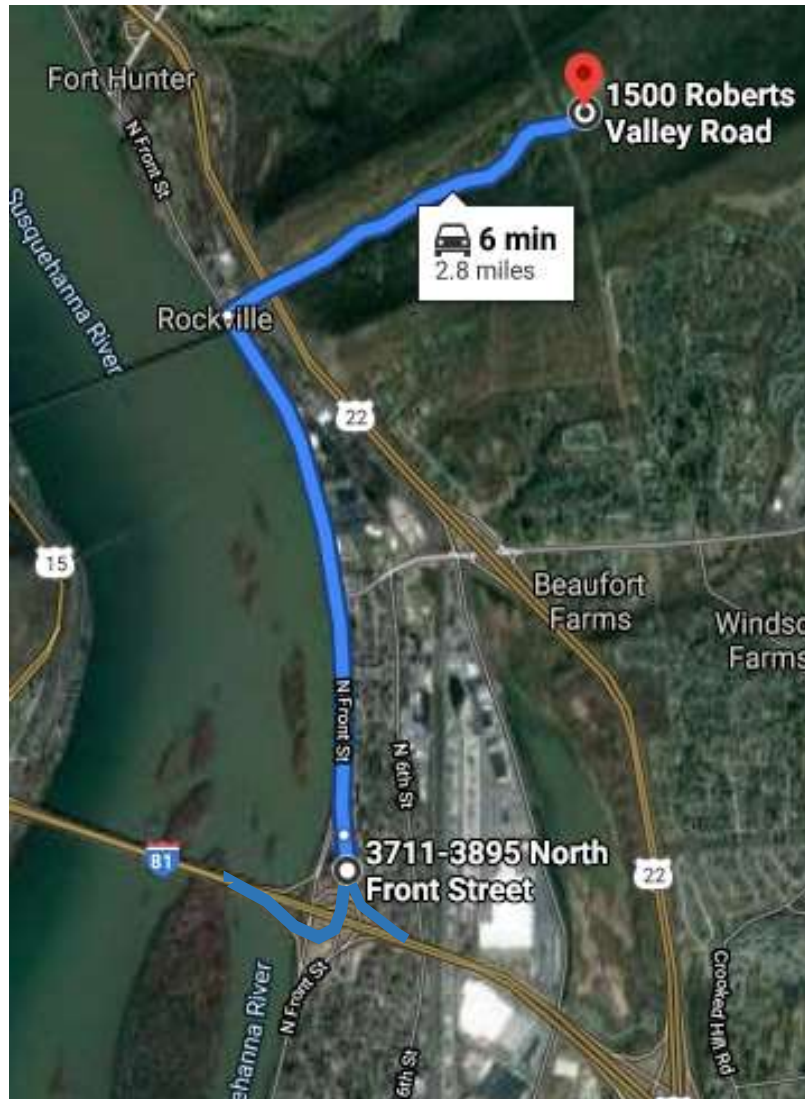
Hamfest / Convention is 1.2 miles on LEFT.

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 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!