



May
2023

HPARC NEWSLETTER

High Point
Amateur Radio
Club



Central Western Traffic Net - Traffic Handler Training Course

By: Tom Bertolino, KB1P & John Trull, N4CNX

CWTN is offering a ZOOM traffic handler training course. The course consists of three two-hour sessions and a fourth session if required. The course is scheduled for 1930 hrs. (7:30 pm) or at the end of the traffic net on May the 10th, 17th, 24th, and 31st, if needed. The course is limited to 10 attendees, on a first come first served basis. Priority will be given first to Hams in the CWTN area. If not all the slots are taken, they will be opened to Hams outside the CWTN area on a first come first served basis.

The course is open to anyone who holds a valid amateur radio license. The course requirements are to attend all sessions, complete all homework assignments before the next session, and send three radiograms on a traffic net after the end of the course to receive a certificate of completion.

If you are interested in attending this course, please send an email: to John, N4CNX, at 232trull@gmail.com or Tom Bertolino, KB1P at thbe125@yahoo.com.

HPARC Meeting

May 1, 2023

6:30 p.m.

Mario's Pizza

2645 N. Main St.
High Point, NC 27265

No Zoom - In Person Only

Amateur Radio Activity Honors African American Heritage

Source: ARRL Letter March 30, 2023

Parks on the Air® (POTA) sites that honor African American heritage are the focus of a casual operating event organized by the OMIK Amateur Radio Association, Inc (OMIK). The OMIK POTA Challenge 2023 will run from April 1 to December 31.



OMIK was founded in 1952 by black

amateur radio operators. While it is still a predominately African-American organization, today it represents a multi-racial, multi-cultural organization with members from the US and around the globe. OMIK is an ARRL Affiliated Club.

The group hopes to attract at least 750 radio contacts for the program by the end of the year. All modes permitted by the POTA program are eligible. OMIK members are encouraged to activate sites using the OMIK club call sign, KOMIK. The club's call sign must be reserved at least a week in advance.

The group has a list of suggested sites that are known to have a significant role in African American history. They hope that at least five unique national parks will be activated as part of the event, contributing to a total of at least 10 successful activations.

Parks on the Air is a movement to get radio amateurs to set up portable operations in recognized park locations. It promotes a culture of operators who make as many contacts as possible from and with such locations.

2023 Online Ham Bootcamp

Source: ARRL Letter April 20, 2023

The [Nashua Area Radio Society's](#) spring 2023 online Ham Bootcamp will be held on Saturday, May 13, from 10 AM to 6 PM Eastern Time. Access to the session will be provided via [Zoom](#).

Ham Bootcamp includes a series of demonstrations and tutorials designed

to help newly licensed Technician, General, and Extra-class license holders get on the air. Ham Bootcamp is also a great opportunity for hams who are interested in seeing what the hobby has to offer.

The online Ham Bootcamp program is available to all licensed and

prospective amateur radio operators. You can register for the next Ham Bootcamp session [here](#). For additional information, contact Anita Kemmerer, AB1QB, of the Nashua Area Radio Society at ab1qb@arrrl.net. The Nashua Area Radio Society is an ARRL Affiliated Club.

Time to Get Ready for Field Day

Source: ARRL Letter April 3, 2023

ARRL Field Day is just over two months away, but like spring cleaning, it pays to start getting ready now.

2023 Field Day will be held June 24 - 25. It is ham radio's open house. Every June, hams throughout North America set up temporary transmitting stations in public places to demonstrate ham radio's science, skill and service to communities and the nation. It combines public service, emergency preparedness, community outreach, and technical skills all in a single event. Some participants may also choose to operate from home, using the exercise to develop and practice their personal radio communications capability.

Field Day has been an annual event since 1933 and remains the most popular event in ham radio.

In 2022, 4,929 entries were submitted (including check logs), and

there was a total of 29,679 reported participants.

Field Day is open to all amateurs in the areas covered by the ARRL/RAC Field Organizations and countries within IARU Region 2. DX stations residing in other



regions may be contacted for credit and may submit entries as check logs. The main focus of Field Day is to work as many stations as possible on the 160-, 80-, 40-, 20-, 15-, and 10-meter HF bands, all bands on 50 MHz and above, and to learn to operate in abnormal situations in less-than-optimal

conditions. A premium is placed on developing skills to meet the challenges of emergency preparedness and acquaint the general public with the capabilities of amateur radio.

For Field Day 2023, several rule changes have been made. It's a good idea to make sure that your logging software has been updated to the most current version to incorporate these rule changes including the updated Canadian sections list. There are many facets to operating on Field Day and knowing the rules and keeping good logs are paramount to successful contacts.

Many local amateur radio clubs participate in ARRL Field Day. To start preparing for Field Day, check out arrrl.org/field-day for the official rules and all the information you'll need. To find a participating radio club in your area, use the Field Day Locator on the page.

2023 Society of Amateur Radio Astronomers Eastern Conference

Source: ARRL Letter April 13, 2023

The 2023 Society of Amateur Radio Astronomers (SARA) annual Eastern Conference will be held at the Green Bank Observatory in Green Bank, West Virginia, on Sunday, August 20 through Tuesday, August 22, 2023.

The trailblazers of American radio astronomy called Green Bank Observatory home more than 60 years ago. Today, their legacy is still alive and well. Nestled in the mountain ranges and farmlands of West Virginia, within the National Radio Quiet Zone, radio astronomers at the observatory listen to the remote whispers of the universe to answer our most astounding astronomical questions.



Attendees will participate in plenary sessions, small group workshops, a technical tour of the facilities, hands-on training, operational experience with a large radio telescope, and they will meet contemporary trailblazers in the field.

Registration for in-person attendance by non-members of SARA is \$295.00 if received by July 20, 2023. This fee includes meals and a 1-year membership, but not lodging. The registration fee for online participation is \$35.00.

Payment can be made through [PayPal](https://www.paypal.com) to treasurer@radioastronomy.org. Please include that the payment is for the 2023 Annual Conference in the comments.

Suggested pre-conference activities include free self-guided tours of the Green Bank Observatory Science Center

and paid public tours of the radio telescope area. Full details with a link for ticket purchase is available at <https://greenbankobservatory.org/visit/>

An overall guide to other activities and attractions in the area can be found at <https://pocahontascountywv.com/things-to-do/>.

Presentations are invited. Individuals or groups who would like to present topics related to radio astronomy can submit abstracts or presentation outlines for consideration by April 30, 2023, to vicepresident@radioastronomy.org.

Additional information, conference details, and updates are available at <https://www.radio-astronomy.org> and in the SARA journal, *Radio Astronomy*.

Hamvention 2023 Getting Ready

Source: ARRL Letter March 16, 2023

Dayton Hamvention® 2023, scheduled for May 19 - 21, is just six weeks away and preparations are moving forward for the big event.



Tickets are now available online and by mail order. They can be purchased at

<https://hamvention.org/purchase-tickets>.

Hamvention, which is amateur radio's largest annual convention, is held at the Greene County Fairgrounds and Expo Center in Xenia, Ohio.

ARRL is readying its large participation at Hamvention. ARRL's exhibit area will be located in Building 2 and will include program representatives and volunteers supporting over a dozen booths and activities.

With nearly 700 volunteers, this year's Hamvention will boast more than 500 indoor exhibits and more than 2,500 outdoor exhibits. The event showcases the latest in amateur radio equipment, technology, and computer software and hardware, along with hard-to-find radio and computer accessories and equipment. For the latest information about [Hamvention 2023](#), visit their website.

NASA Names Three Hams for Artemis II Moon Mission Crew

Source: ARRL Letter April 3, 2023

NASA and the Canadian Space Agency (CSA) announced the four astronauts who will venture around the moon on Artemis II. This will be the first crewed mission on NASA's path to establishing long-term moon science and exploration development. The agencies revealed the crew members on Monday, April 3, 2023, during an event at Ellington Field near NASA's Johnson Space Center in Houston, Texas. Three of the four crew members are amateur radio operators.

"The Artemis II crew represents thousands of people working tirelessly to bring us to the stars. This is their crew, this is our crew, this is humanity's crew," said NASA Administrator Bill Nelson. "NASA astronauts Reid Wiseman, Victor Glover, and Christina Hammock Koch, and CSA astronaut Jeremy Hansen, each has their own story, but together, they represent our creed: E pluribus unum - out of many, one. Together, we are ushering in a new era of exploration for

a new generation of star sailors and dreamers - the Artemis Generation."

The crew will work as a team to execute an ambitious set of demonstrations during the flight test.

Their assignments are as follows: Commander Reid Wiseman, KF5LKT, Pilot Victor Glover, K15BKC, Mission Specialist 1 Christina Hammock Koch, KF5LKU. Koch had planned to study and take her amateur license exam in 2019, but her flight was suddenly rescheduled 6 months earlier than originally planned. She had to immediately begin preparing for her flight instead of studying.

The Artemis II mission is scheduled to launch in November 2024. The approximately 10-day flight test will launch on the agency's powerful Space Launch System rocket, prove the Orion spacecraft's life-support systems, and validate the capabilities and techniques needed for humans to live and work in



The crew of NASA's Artemis II mission (left to right): NASA astronaut Christina Hammock Koch, Reid Wiseman KF5LKT, (seated), Victor Glover, K15BKC, and CSA astronaut Jeremy Hansen, KF5LKU. Credits: NASA.

deep space.

For more information, visit the [NASA](#) website.

Annual Armed Forces Day Crossband Test

Source: ARRL Letter April 20, 2023

The US Department of Defense (DoD) will host this year's Armed Forces Day (AFD) Crossband Test on May 13, 2023. This annual event is open to all licensed amateur radio operators and will not impact any public or private communications. For more than 50

years, military and amateur stations have taken part in this event.

The AFD Crossband Test is a unique opportunity to test two-way communications between military communicators and radio stations in the Amateur Radio Service (ARS), as authorized in 47 CFR 97.111. These tests provide opportunities and challenges for

radio operators to demonstrate individual technical skills in a tightly controlled exercise scenario.

Military stations will transmit on selected frequencies and will announce the specific ARS frequencies monitored. All of the times are Zulu (Z), and all frequencies are Upper Side Band (USB) unless otherwise noted. The frequencies

used for the test will not stray outside the confines of the exercise.

A complete list of frequencies, time periods, QSL cards, and other information can be found at [DoD MARS - Armed Forces Day](#).

AFD is a time of honor. It will be celebrated on Saturday, May 20, 2023. The first AFD was celebrated with parades, open houses, receptions, and air shows. Today, many events and activities take place and may include

multi-service military displays in areas open to the public, various educational activities that teach children about the armed forces, and large parades with local celebrations.

The longest running AFD parade in the United States is held in Chattanooga, Tennessee. Certain types of music will be played at AFD 2023 events to show respect to those in the armed forces who died for their country.



Ham Radio Classes

By: Peter Kapetanakis, KN4OCX

The Tri-County ARC, High Point ARC, and GARA (Greensboro Amateur Radio Association) have formed a partnership to provide online (Zoom) classes for those seeking to acquire their Technician Class operator's license, or to upgrade to a General Class license.

Each course is comprised of 4 class sessions. Each class session is held via Zoom on Wednesday evenings from 6:30 –

9:30pm ET and is free of charge.

The Technician & General classes are held in alternating months. The next course is the Technician Course scheduled to begin May 3rd. Please note, that the courses are meant to prepare you for the FCC license exam, but do not include the license exam itself.

Pre-registration is required for each course. Please contact Richard Weinbaum, KK4RR at 336-687-8001 or

KK4RR@mac.com to register.

The starting dates for each course in 2023 are as follows:

Technician Course:

~~January 4, March 1~~, May 3, July 12
September 6

General Course:

~~February 1, April 5~~, June 7, August 9,
October 4

HPARC MAY CALENDAR

- 1 — **HPARC Meeting**
- 13 — W4VEC Greensboro VE session
(Hinshaw United Methodist Church)
- 14 — Mother's Day
- 21 — HPARC Newsletter Deadline
- 27 — W4VEC High Point VE session
(Hickory Chapel Wesleyan Church, Fellowship Bldg)
- 29 — Memorial Day

MAY BIRTHDAYS

Noel Rodriguez Ibarra, W4NRI – 11
Richard Weinbaum, KK4RR – 18
Robin Pegram – 21
Lynn Flyer, KN4BUJ – 29

For W4VEC Test information, call or email Keith Thomas, KA4JAH, (336) 906-2469, KA4JAH@Aol.com

2022 HPARC OFFICERS

David Macchiarolo, AJ4TF — President — 336-869-2894 — President@W4UA.org
Terence Crandall, N4TLC — Vice-President — 336-413-9589 — Vicepresident@W4UA.org
Keith Thomas, KA4JAH — Secretary — 336-906-2469 — Secretary@W4UA.org
Peter Kapetanakis, KN4OCX — Treasurer — 336-978-2337 — Treasurer@W4UA.org

Newsletter Editor — Peter Kapetanakis KN4OCX — 336 978 2337 — Kn4ocx@arrl.net
HPARC - www.w4ua.org - w4ua@arrl.net - 147.165 (67 Hz Tone) - 443.900

Breakfast every
Saturday

—
8:00 a.m.

—
Biscuitville,
2709 S. Main St.

The HPARC Newsletter is published monthly by the High Point Amateur Radio Club (HPARC) for its members. The HPARC Newsletter serves as a source of information about Club activities, and general news items of interest to Amateur Radio. Material in this Newsletter be reproduced provided the HPARC is properly credited. Complimentary issues of the HPARC Newsletter are available by writing to the HPARC Newsletter at PO Box 4941, High Point, NC 27263 or emailing your request to w4ua@arrl.net. Membership in the HPARC is open to all licensed Amateur Radio operators. Membership is \$24.00 a year. Associate membership is also available to those who are interested in Amateur Radio but who do not currently hold a license. Associate membership is \$12.00 a year.

The High Point Amateur Radio Club meets the first Monday of each month (except for holidays) at a local restaurant announced in the newsletter. Come early to enjoy dinner. The business meeting starts at 6:30 p.m. followed by a short program of interest. Family and visitors are welcome to attend. For more information, please call or email one of the HPARC officers listed in this newsletter. Contributions and letters/emails to the editor are welcome.