



March
2024

HPARC NEWSLETTER

High Point
Amateur Radio
Club



W4UA

Amateur Radio Goes to High School in New York City

Source: ARRL Letter February 8, 2024

Staten Island Technical High School is the first New York City school to receive a grant from ARRL.

ARRL Education and Learning Manager Steve Goodgame, K5ATA, said ARRL is working with the school in several ways. "We are working with them to build and equip an amateur radio station, to test and license students, and to put [science, technology, engineering, and mathematics (STEM)] kits in the classroom thanks to a grant from [Amateur Radio Digital](#)

[Communications](#) (ARDC)."

Goodgame visited the school several weeks ago to help administer amateur radio license tests, and with the help of the school's engineering and technology teacher, Everton Henriques, KD2ZZT, there are now 32 juniors and seniors who are newly licensed amateur radio operators. Henriques attended the [ARRL Teachers Institute on Wireless Technology](#) last year, and he intends to return to the program in 2024 for additional preparation and training.

The ARRL Teachers Institute on Wireless Technology is a donor-funded professional development program designed to help teachers elevate their STEM programs through the use of wireless technology.



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 6 class sessions. Each class session is held via Zoom on Tuesday evenings from 7:00 –

9:00pm ET and is free of charge.

The Technician & General classes are held in an alternating sequence. The next course is the [Technician](#) Course scheduled to begin [April 2nd](#). 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 2024 are as follows:

Technician Course:

January 9, April 2, July 9, October 8

General Course:

February 20, May 14, August 20

HPARC Meeting

Mario's Pizza & Zoom

2645 N. Main St.
High Point, NC27265

March 4, 2024
6:30 p.m.

Senators Roger Wicker and Richard Blumenthal Introduce S.3690 to Eliminate Private Land Use Restrictions on Amateur Radio

Source: ARRL Letter February 15, 2024

On January 30, 2024, US Senators Roger Wicker (MS) and Richard Blumenthal (CT) introduced [S.3690](#), the Senate companion bill to H.R.4006, [introduced last June](#).



Both bills reflect the Congressional campaign efforts by [ARRL](#) to eliminate homeowner association land use restrictions that prohibit, restrict, or impair the ability of an Amateur Radio Operator to install and

operate amateur station antennas on residential properties they own.

Amateur Radio Operators repeatedly are relied upon to provide essential communications when disaster strikes, but their ability to do so is being impaired by the exponential growth of residential private land use restrictions that hinder their ability to establish stations in their

homes with which to train and provide emergency communications when called upon.

In announcing the introduction of S.3690, Senator Wicker said: "Because communication during natural disasters is often hindered, we should be making every attempt to give folks more options. Reliable access can make the difference between life and death in an emergency. Our legislation removes roadblocks for amateur radio operators looking to help their friends, families, and neighbors."

In a similar announcement, Senator Blumenthal stated: "Our measure will help clarify the rules so ham radio enthusiasts can successfully continue their communications.

In the face of emergency or crisis, they help provide vital, life-saving information that allow listeners to properly and safely respond, but prohibitive home association rules and confusing approval processes for installing antennas have been an unnecessary impediment. The Amateur



US Senators Richard Blumenthal (CT) [left] and Roger Wicker (MS) [right]

Radio Emergency Preparedness Act resolves these bottlenecks and ensures that radio operators can function successfully."

ARRL President Rick Roderick, K5UR, and Director John Robert Stratton, N5AUS, Chair of the ARRL's Government Affairs Committee, both extended on behalf of ARRL, its Members, and the Amateur Radio community their thanks and appreciation for the leadership of Senator Wicker and Senator Blumenthal in their continuing efforts to support and protect the rights of all Amateur Radio Operators.

Amateur Radio Operators Needed for Help with Solar Eclipse Project

Source: ARRL Letter February 22, 2024

The [Case Amateur Radio Club, W8EDU](#), the club station at Case Western Reserve University in Cleveland, Ohio, is asking for amateur radio operators to help with a research project centered around the April 8, 2024, solar eclipse.

W8EDU club member Adam Goodman, W7OKE, said the project centers around studying the effects of the eclipse on



propagation to better understand the recombination time of the ionosphere.

"To do this, we are recruiting North American amateur stations interested in

recording the Canadian time standard station CHU (Canada's WWV) for two weeks surrounding the eclipse," added Goodman. "Anyone with a [KiwiSDR](#) or a rig that can interface with analysis/recording software such as [Fldigi](#) is encouraged to reach out to us to participate."

W8EDU club member and project software manager Maris Usis, KE8TXG, said that while the software is simple to use, there is some detailed work involved. "We can help make it easier and there are good online instructions as well," said Usis.

All of the participation details are on the club's website at <https://w8edu.wordpress.com/chu-eclipse-data-collection/>.

W8EDU club faculty advisor David Kazdan, AD8Y, said the research project has received positive attention from the [ARRL Collegiate Amateur Radio Program](#)

community, the Ham Radio Science Citizen Investigation ([HamSCI](#)) community, and Case Western Reserve University's engineering deans. "It is already a truly international effort, and we are collaborating with more than 20 stations across the continent, from collegiate and high school stations, to a representative from the Radio Amateurs of Canada, to a station in Mexico," said Kazdan.

The [2024 solar eclipse](#) will over Mexico, the United States, and Canada. ARRL is a partner with HamSCI to help promote this opportunity for radio amateurs to participate in an active science experiment, through the Solar Eclipse QSO Party.

Amateur Radio as Educational Tool Represented to Policymakers in Washington DC

Source: ARRL Letter February 15, 2024

ARRL and Amateur Radio Digital Communications (ARDC) represented Amateur Radio at a symposium in Washington on February 1 at which the top domestic spectrum policymakers from across the federal government considered implementation of the [National Spectrum Strategy](#) (NSS) [PDF].



Phil Karn, KA9Q, right, represented amateur radio in the National Telecommunications and Information Administration spectrum symposium. [BOC Engineering - YouTube, photo]

ARRL ensures that Amateur Radio is represented at sessions such as this so that decisionmakers understand amateur radio's roles when spectrum decisions are made, including its substantial contributions to student interest and education in STEM subjects at schools throughout the country and its role during emergencies and natural disasters.

In the NSS, released by the White House in November, national policymakers identified some 2,790 megahertz of spectrum to be considered for future commercial needs. No new

amateur spectrum was included, with only the ongoing reallocation studies related to 3.1 - 3.45 GHz being addressed.

The NSS was prepared for the President by the National Telecommunications Information Administration (NTIA) in collaboration with the Federal Communications Commission (FCC). NTIA considered input from Federal Executive Branch agencies that use spectrum as well as from other spectrum users, including amateur radio operators. As the NSS was being formulated during 2023, ARRL's Washington Counsel presented information on amateur radio to the policymakers at an NTIA listening session. This was followed with a [written submission about amateur radio spectrum concerns](#), and later with a one-on-one meeting with NTIA's Senior Spectrum Advisor in overall charge of formulating the NSS.

The February symposium followed release of the NSS in November and was in support of finalizing implementation plans for the strategy that are expected to be announced by the White House in mid-March.

For the symposium, ARRL Life Member Phil Karn KA9Q, a director and past-president of ARDC, participated as a panelist and reinforced amateur radio's important national role in workforce development with personal testimony based on his own career.

Karn's recruitment by Qualcomm in its early days was due directly to his



Phil Karn, KA9Q, relayed how amateur radio resulted in his successful professional career. [ARDC, photo]

pioneering amateur radio accomplishments with digital wireless projects that included many firsts. Karn retired from Qualcomm as Vice President for Technology in 2011. He shared with policymakers the value of amateur radio to interest and recruit youth into STEM areas and into wireless specifically. Karn's life experience lent special weight to his remarks about amateur radio's role in attracting youth to STEM projects.

"I see [amateur radio] - having been involved in it for 52 years now - as fundamental as an educational system... It is a type of hands-on intuitive learning that is almost impossible to get any other way," said Karn. [Watch a video of the panel on YouTube](#).

ARRL Announcements

Source: ARRL Letter February 22, 2024

[American Legion Post 104](#) in Sevierville, Tennessee, will celebrate the 105th anniversary of the American Legion with a special event station on March 8 - 9, 2024. K4L will be active from 1500Z - 0300Z on 7.250 and 14.250 MHz with operators from the [American Legion Amateur Radio Club](#), AL4US, an ARRL Affiliated Club. Everyone who contacts the station can request a digital certificate by providing a valid email address. On Saturday there will be an American Legion Birthday Party at the post from 11:00AM - 4:00 PM EST and the public is invited to attend. The American Legion was chartered by Congress in 1919 as a patriotic veterans organization. The Legion evolved into an organization with a focus on service to veterans, service members, and communities. Membership is now at nearly 2 million, and there are 12,000 American Legion posts worldwide.



HPARC MARCH CALENDAR

- 4 — **HPARC Meeting**
- 17 — St. Patrick's Day
- 17 — HPARC Newsletter Deadline
- 24 — Palm Sunday
- 29 — Good Friday
- 30 — W4VEC High Point VE Session
(Hickory Chapel Wesleyan Church, Fellowship Bldg)
- 31 — Easter Sunday

MARCH BIRTHDAYS

Mitchell Boone, KY4MO - 25
Art Johnson, N8FNX - 27

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

2024 HPARC OFFICERS

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**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.