



July
2023

HPARC NEWSLETTER

High Point
Amateur Radio
Club



W4UA

HAPPY 65th BIRTHDAY HPARC

By: Peter Kapetanakis, KN4OCX, HPARC Treasurer

So, I went digging in the archives, and you'll never guess what little nugget I found. Well, yes you will, because I gave it away in the title. I found the club's birth certificate. Ok, officially it's known as the Articles of Incorporation.

As it turns out, The High Point Amateur Radio Club (W4UA) turns 65 years old this month. It was on July 22, 1958 that the Articles of Incorporation were filed with the NC Secretary of

State's office thus making the club a Bonafede legal entity.

The names of the incorporators, those who signed the articles of



incorporation, are as follows: Luther M. Braswell, W.V.A. Tonkin, and Philip L. Pugh, all of High Point, NC. Later in 1992 and in 2015, documents were filed to officially name the club as a non-profit organization. A status that we still enjoy today.

The club has certainly grown through the years, and we are happy to still be here.

Happy 65th Birthday HPARC and may we have many more.

Licensee Hit With \$24,000 Fine for Jamming Net, Failure to ID: FCC

Source: Arrl.Org/News June 5, 2023

An investigation by the Federal Communications Commission (FCC) results in a large fine against a California amateur radio license holder. A Notice of Apparent Liability Forfeiture (NALF) for \$24,000 has been filed against Phillip J. Beudet, N6PJB, of Burney, California. According to the filing, the penalty is for Beudet "willfully and repeatedly interfering with the radio communications of the Western Amateur Radio Friendship Association

(WARFA) while it was attempting to hold a regularly scheduled net and for failing to provide station identification on amateur radio frequencies." FCC agents used direction finding techniques during November and December of 2022 to track the interfering signals to Beudet's home station. Agents "heard him playing recordings on 3.908 MHz that caused interference to the ongoing WARFA net while failing to provide his assigned amateur call sign," the document stated.

HPARC Meeting

May 1, 2023

6:30 p.m.

Mario's Pizza & Zoom

2645 N. Main St.
High Point, NC 27265

ARRL Foundation Accepting Applications for Grants in June

Source: ARRL Letter June 6, 2023

The ARRL Foundation is now accepting grant applications from amateur radio organizations for eligible amateur radio-related projects and initiatives, particularly those focused on educating, licensing, and supporting amateur radio activities. To grow amateur radio's future, youth-based projects and

initiatives are especially encouraged. The ARRL Foundation grants program accepts proposals on a cyclical model three times a year: in February, June, and October. Proposals for the June grant period are accepted through June 30. Awardees will be notified approximately 1 month after the closing of each cycle.

The ARRL Foundation is celebrating its 50th anniversary. The Foundation

carefully manages a portfolio of endowments where donors have provided specific goals for their gifts, and that portfolio is invested and managed in a way that it can continue to support those goals for many years to come.

Additional information and a link to the grant application can be found at <http://www.arrl.org/amateur-radio-grants>

FCC ULS down, Amateurs Unable to Submit Applications, Filing Deadlines Extended

Source: ARRL Letter June 15, 2023

The FCC Universal Licensing System (ULS) has been experiencing an outage since Friday, June 9, 2023. Amateur licensees are unable to submit applications or process

renewals. Filing deadlines have been extended. The FCC has been communicating updates with VECs, including ARRL VEC about the situation, which remains fluid. As of late afternoon on Thursday, June 15,

2023 the FCC had no timeline for when the ULS would be back online.

For the latest information, watch the [ARRL News feed](#). The story about the issue posted there will remain updated with the latest information.

ARRL and FEMA Sign Agreement: Ham Radio is as Relevant as Ever

Source: ARRL Letter May 25, 2023

ARRL The National Association for Amateur Radio® has entered into an updated Memorandum of Agreement (MOA) with the Federal Emergency Management Agency (FEMA). The agreement will enhance cooperation between ARRL's emergency communications program, the Amateur Radio Emergency Service® (ARES®), and FEMA in providing disaster communications. The agreement emphasizes the importance of skilled Amateur Radio Operators in times of crisis and the role of ARES leadership within the emergency communications space.

ARES (see the ARES fact sheet at www.arrl.org/ares) is a network of trained Amateur Radio Service licensees

organized across the country to provide communications and other support to served agencies, such as local

governments, hospitals, and disaster response charities. More than 20,000 ARES volunteers actively participate in the ARRL program. In 2022, they provided more than 420,000 labor hours of service saving local officials \$13.4 million in personnel costs.



Each member of ARES has specialized training in emergency communications. Many have also completed training in

the National Incident Management System (NIMS) in order to integrate with local officials during an emergency response.

In March 2023, FEMA released the final version of the NIMS Information and Communications Technology (ICT) Functional Guidance, which includes radio amateurs in the response ecosystem and national emergency preparedness.

"The agreement is representative of the continued commitment and

cooperation between FEMA and ARRL," said ARRL Director of Emergency Management Josh Johnston,

KE5MHV. "Serving our country during emergencies is an important service provided by ARES volunteers and a principal purpose of our Amateur Radio Service. Our well-equipped volunteers bring their training, use of innovative technologies, and community partnerships together to serve before and during disasters."

FEMA announced the new agreement on Twitter stating, "We recently signed a new MOA with @arrl -- establishing our partnership with licensed, voluntary amateur radio operators to support response [and] recovery efforts. We're honored to work side-by-side to meet the needs of millions in the wake of disasters."

Read the full story on the ARRL website.



FEMA

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 provided 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 July 12th. 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

ARRL Elected to Serve on SAFECOM

Source: ARRL Letter June 6, 2023

ARRL The National Association for Amateur Radio® has been elected to serve on SAFECOM®. SAFECOM is a group of national thought leaders and officials within the emergency communications and response space that works to set standards at every level. The program is managed by the Cybersecurity and Infrastructure Security Agency (CISA), an agency of the US Department of Homeland Security.



SAFECOM sets the standards of interoperability procedures. As a part of the group, ARRL solidifies the Amateur Radio Service as a robust resource before and during times of crisis.

A letter from the SAFECOM Chair, Chief Gerald R. Reardon, stated, "On behalf of the SAFECOM Executive Board, it is with great pleasure that I inform you of our offer to join SAFECOM as a member association. SAFECOM aims to Visit <https://www.cisa.gov/safecom>.

improve multi-jurisdictional and intergovernmental communications interoperability through collaboration with emergency responders and policymakers across federal, state, local, tribal, territorial, and international partners. SAFECOM recognizes the organization's dedication to emergency communications and interoperability, and therefore is pleased to extend a membership offer."



ARRL Director of Emergency Management Josh Johnston, KE5MHV, "Gaining a seat at the table is a major step in strengthening the role and capability of amateur radio with emergency communication agencies. This will give us the sounding board and resources we need to set standards and create training for our [Amateur Radio Emergency Service® \(ARES®\)](#) volunteers that will better suit Authorities Having Jurisdiction and partner organizations." The opportunity for ARRL to provide a more comprehensive emergency communications program is part of the

goal the Board and ARRL leadership has begun to emphasize over the past few years, and this is one more example of the commitment to do so. ARRL will provide premier resources for the served agencies to support them in all phases of emergency management.

Johnston will serve as the Representative for ARRL on SAFECOM and will be meeting with leadership over the coming days to begin the process of better understanding the roles and responsibilities that come with being a member association. "I look forward to working with the SAFECOM leadership as we move forward and with the ARRL leadership to better serve the ham community, our served agencies, and our partners," Johnston said.



For more information about ARES and other ARRL emergency programs and training, check out our web page at <http://arrl.org/public-service>.

For more information about SAFECOM,

Legislation to Remove Private Land Use Restrictions on Amateur Radio Introduced in Congress

Source: ARRL Letter June 15, 2023

Congressmen Bill Johnson (OH-06) and Joe Courtney (CT-02) reintroduced a bill in the US House of Representatives on June 12 -- H.R.4006 (see full text of bill in this PDF) -- to remove private land use restrictions that prohibit, restrict, or impair the ability of Amateur Radio operators from operating and installing reasonable antennas on property that they own or control. Similar legislation, H.R. 9670, was introduced by Congressman Johnson in 2022.

"I reintroduced the Amateur Radio Emergency Preparedness Act to

remove barriers to disaster and emergency communications and training, and to promote education in STEM subjects related to critically needed wireless technology,"

Congressman Johnson said in a release. "Passage of this bill will promote developing and sustaining our nation's wireless future and facilitate and encourage amateur radio operations as a public benefit."

"As their actions during recent natural disasters such as Hurricane Sandy proved, amateur radio operators in Connecticut can be a critical component of disaster response and emergency management. It is in our communities'

best interest that we give them the capabilities to operate at the highest level, and with the re-introduction of this bill, we've taken a strong step in that direction," said Congressman Courtney.

The exponential growth of communities bound by private land use restrictions that prohibit both the operation of Amateur Radio and the installation of amateur station antennas has significantly restricted the growth of the Amateur Radio Service.

ARRL The National Association for Amateur Radio® continues its multi-year efforts to eliminate private land use restrictions that prevent Amateur

(Private Land Restrictions) Continued...

Radio operations and has pledged to strongly support Congressman Johnson and Congressman Courtney in their efforts on behalf of Amateur Radio.

Rick Roderick, K5UR, President of ARRL, on behalf its Members and America's Amateur Radio community extended his thanks and appreciation for the leadership of Congressman Johnson and Congressman Courtney in

their tireless efforts to support and protect the rights of all Amateur Radio Operators and to further STEM education and the advancement of American expertise in wireless technology.

ARRL Announcements: Annual 13 Colonies Event

Source: ARRL Letter June 15, 2023
Announcements

The [Annual 13 Colonies Special Event](#) will take place July 1 - 7, 2023. The 13 Colonies Special Event is an on-air amateur radio event honoring the original 13 colonies, US independence, active military personnel, and veterans.

All amateur radio operators are welcome to participate, including shortwave listeners. Certificates will be available for all participants. Each US state that was one of the original 13 colonies has a special call sign. All HF bands will be open, including the WARC bands, *with the exception of 60 meters*. Simplex on 2 and 6 meters is encouraged

and the use of 40 - 160 meters is encouraged for stations in the southern east coast. All modes of operation may be used, including SSB, CW, RTTY, and digital. The mode of operation is up to the individual colony/state station. Please refer to each special event station's QRZ page for more details and information.

KC4ZZE Ham Radio Amateur Antenna Rotation Solution using an RCA VH226E Antenna Rotator:

By: Tommy Walls, KC4ZZE

This is what Ham radio is about, sharing experiences and knowledge to advance the art. I needed a way to rotate the hexbeam remotely 200 miles away from the shack using a RCA VH226E antenna rotator, Picture 1-2. I came up with a solution after giving it a lot of thought. I purchased a WIFI IR hub and manually programmed the hub training it with the VH226E's RCA handheld

remote control as an experiment Pictures 2&3. It worked! I can now rotate the hexbeam from my cell phone turning it North, East, West, South, rotate left or rotate right, controlling the VH226E Antenna Rotator from my android cell phone using the Tuya App Pictures 4-6. The IR hub in Pictures 2 and 3 is freely supported by the Tuya app. I watch from two remote cameras to see the inside rotator box and outside antenna rotator operate and turn as I

use the Tuya app. The AC power to the inside RCA VH226E box is a manual switch on the side of the box. I set the switch to permanent on position and plugged into a Kasa AC outlet, see Picture 6. I can turn the Kasa AC outlet on and off from my cell phone remotely controlling the AC power to the RCA VH226E box. The items needed to operate my RCA VH226E rotator are listed below with pictures 1-7.



Picture 1 RCA VH226E Antenna Rotator mounted hexbeam antenna.



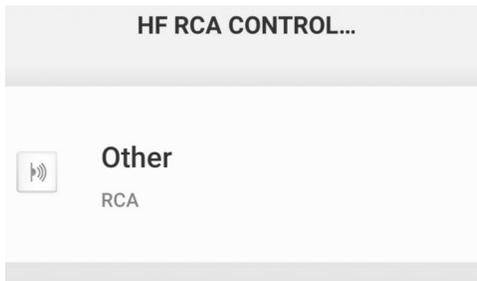
Picture 2 RCA VH226E Rotator Box. Sitting on top is the IR hub, it hangs out in front of the rotator box about 6 inches away, just on top of box for the picture.



Picture 3 The WIFI IR hub.



Picture 4 Tuya App.



Picture 5 Program Tuya as "Other" for RCA Rotator.



Picture 6 Tuya buttons programmed for RCA Rotator.



Picture 7 The WIFI Kasa outlet.

HPARC JULY CALENDAR

- 3 — **HPARC Meeting**
- 4 — Independence Day
- 8 — W4VEC Greensboro VE session
(Hinshaw United Methodist Church)
- 23 — HPARC Newsletter Deadline
- 19 — Juneteenth
- 29 — W4VEC High Point VE session
(Hickory Chapel Wesleyan Church, Fellowship Bldg)

JULY BIRTHDAYS

- Keith Ousterman, KO4QOO – 1
- Linda Worland, KW4UD – 5
- Craig Linville, KN4VZU – 6
- Eli Huneycutt, KO4ZBJ – 9
- Grady Stone, WA4JYK – 16
- Daniel Moss, KO4LTL – 21
- Ronald W. Comitz, N3CHX – 26
- Tommie Lauer, KQ3H – 26
- Cynthia Y. Davis – 29

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

2023 HPARC OFFICERS

David Macchiarolo, AJ4TF — President — Please contact other officers at this time.
 Terence Crandall, N4TLC — Vice-President — 336-413-9589 — VicePresident@W4UA.org
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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.