



March
2023

HPARC NEWSLETTER

High Point
Amateur Radio
Club



2023 Field Day Site Secured

By: Peter Kapetanakis, KN4OCX

At last month's club meeting David Macchiarolo, AJ4TF announced that we will be located at our traditional site once again this year. As you know our traditional site was sold a little over a year ago to an individual that plans to build their new home on the site. Construction has begun, but it is not located in the area of the property in which we typically set up our equipment. David has spoken to the new owner of the property and we have been given permission to use the site once again this year. The site is located in Jamestown at the corner of Sherill Road and Dillon

Road with the Field Day site entrance being located off Sherill Road.

The club does also have an alternative site plan, for when the time comes that we no longer are able to use our traditional site in Jamestown. The back up site is located on Johnson Street currently owned by Community Bible Church (formerly the High Point Women's Club). However, the church has asked that the club perform some communications tests on a Sunday to ensure we do not interfere with their Sunday Service. The club will organize a small test sometime after Field Day 2023.

HPARC Meeting

March 6, 2023

6:30 p.m.

Mario's Pizza

2645 N. Main St.
High Point, NC 27265

& Zoom

Amateur Radio on the International Space Station Contacts two US Schools

Source: ARRL Letter February 2, 2023

Astronauts on board the International Space Station (ISS) were busy the last week of January using amateur radio to make contact with two schools.

The [Amateur Radio on the International Space Station](#) (ARISS) program arranged contacts with Brentwood Magnet Elementary School in Raleigh, North Carolina, and Norwich Free Academy (NFA) located in Norwich, Connecticut.

On January 26, 2023, nearly 400 students at Brentwood Magnet Elementary School filled the gymnasium to listen to astronaut Koichi Wakata answer questions about his experience on the ISS. Wakata told students he loves being in space but is looking forward to taking a shower when he returns in March.

He also told the students that it's not scary in space and encouraged them to pursue careers in science and engineering.

Then on January 30, 2023, astronaut Dr. Josh Cassada contacted students at NFA. During his 10-minute contact, Cassada shared with students how his career as a Navy Test Pilot helped him become an astronaut. "Do the things you love," Cassada told the students. During the remainder of the contact, Cassada talked about cargo vehicles making frequent trips to resupply the ISS and how his routine is different each day, including working weekends.

The NFA Amateur Radio and Engineering Club, W1HLO, members and advisors installed an amateur radio satellite ground station on the NFA campus in 2023, thanks to an Amateur Radio Digital Communications (ARDC)

grant, which helped make the contact with the ISS possible.

ARISS is a unique STEM educational program which inspires young people to develop knowledge and skills through their participation in space science and amateur radio. ARISS conducts 60 - 80 of these special amateur radio contacts each year between students around the globe and crew members with ham radio licenses aboard the ISS.

ARISS is a cooperative venture of international amateur radio societies and the space agencies that support the ISS. In the US, participating organizations include from NASA's Space Communications and Navigation program (SCaN), the ISS National Lab - Space Station Explorers, [ARRL The National Association for Amateur Radio](#)®, and AMSAT.

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 March 1st. 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 Foundation Accepting Applications for Grants in February

Source: ARRL Letter February 2, 2023

The ARRL Foundation is now accepting applications for grants to amateur radio organizations. The grants program awards limited funding to organizations for eligible amateur radio-related projects and initiatives, particularly those with a focus in educating, licensing, and supporting amateur radio activities. 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 February grant period are being accepted through February 28. Awardees will be notified approximately 1 month after the closing of each cycle.

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

Amateur Radio Active in Turkey and Syria Following Earthquakes

Source: ARRL Letter February 9, 2023

In the days following the 7.8 magnitude earthquake and aftershocks that hit Turkey and Syria on February 6, 2023, emergency communications have been active with rescue and response efforts.



The emergency communications group Türkiye Radyo Amatörleri Cemiyeti (TRAC) is coordinating primary communications.

The designated primary disaster communication frequency is 28.540 MHz (USB). In addition, 3.777 and 7.092 MHz will also be used as needed. Amateur radio operators have been asked to avoid these frequencies to allow any emergency traffic.

In a statement issued to ARRL on February 9, 2023, IARU Region 1 Emergency Communications Co-Ordinator Greg Mossop, G0DUB, said the

full effects of this disaster continue to unfold along with the search for any remaining trapped people.

Here is his full statement:

"Aziz, TA1E, is now at the disaster area and coordinating frequencies for teams carrying out search operations. Many countries have sent Search and Rescue [(SAR)] resources but the only ones known to have [r]adio [a]mateurs embedded in them are Georgia and Bosnia [and] Herzegovina. The Romanian SAR team has no operators, but [it] does have communications equipment supplied by RVSU, one of the Amateur Radio emergency groups in Romania.

Aziz reported yesterday that 'due to the overwhelming dimension of the incident, some problems in coordination occur[ed]. These naturally have an impact [o]n the coordination of the incoming foreign SAR [g]roups.

As the assignment of their duty area is

sometimes [a] 'last-minute decision,' and this decision is made by government officials, I would kindly ask the groups to report to me [for] that assignment. I will then [be] able to inform the groups [of] the usable frequencies in the area.'

With the large number of rescue teams deployed to the country, the challenges in coordinating teams, locations, and frequencies are to be expected.

With the death toll now over 17,000 in Turkey and Syria, the focus remains [on] getting the right help to the right place. A clear message from Aziz, when asked whether any radio operators or equipment were required, was:

'Assistance of individual radio amateurs is only possible if they are 'embedded' to SAR Teams with [International Search and Rescue Advisory Group] (INSARAG) Certification, which [has] been accredited by the Turkish government.'

At the time of the earthquake, a [European Conference of Postal and Telecommunications Administrations] (CEPT) meeting was taking place, and it has been reported that the Turkish delegation to that meeting confirmed that Radio Amateurs were being deployed in the emergency response.

Traffic is being heard on 10 and 80 meters in the Turkish language, so the request to keep frequencies in the area clear remains. The majority of

emergency communications traffic remains on VHF.

The earthquake affected Syria as well. I have tried reaching the Syrian [Scientific Technical Amateur Radio] Society but with no response, as they seem to have gone QRT.

[The] full effects of this disaster continue to unfold and [are] now encompassing the needs of survivors [to]search for any remaining trapped people."

To date, there have been more than 17,000 casualties in Turkey and Syria combined, and more than 14,000 casualties in Turkey alone, with more than 63,000 people reported injured. Aftershocks continue and relief organizations are on site, with more aid arriving in the areas daily.

Additional and updated information is available at <https://www.iau-r1.org/2023/turkiye-earthquake-6-february-2023/>

Registration Open for the 2023 QSO Today Virtual Ham Expo

Source: ARRL Letter February 9, 2023

The 2023 QSO Today Virtual Ham Expo will be held on March 25 - 26, and registration is now open.

The event is a fully interactive virtual ham radio convention offering new content, networking opportunities, and more than 50 amateur radio presentations on a wide variety of



subjects.

There is still time to participate in the event as a presenter. You can submit an application to present a video on a topic of your choice. The deadline for submission is February 15, 2023. Tickets are \$15, and registration information can be found at the QSO Today Virtual Ham Expo website.

-- ARRL is a QSO Today Expo Partner.

IARU Holds First 2023 Meeting

Source: ARRL Letter February 16, 2023

The 56th meeting of the Administrative Council of the International Amateur Radio Union (IARU) was held via Zoom on January 16, with President Tim Ellam, VE6SH, presiding.

The council received reports from the officers of each of the three regions. The meeting's focus was on the International Telecommunication Union's (ITU) upcoming World Radiocommunication Conference (WRC-23) later this year in Dubai, United Arab Emirates. The IARU effort for WRC-23 is being led by IARU Vice President Ole Garpestad, LA2RR.

Here is a summary of the meeting submitted by IARU Secretary Joel Harrison, W5ZN:

"Of particular interest to the amateur radio and amateur satellite services for WRC-23 is agenda item 9.1b concerning the amateur allocation in the 23 - centimeter band at 1240-1300 MHz. The Radio Navigation Satellite Service (RNSS) is seeking protection from secondary

users in addition to an expanded allocation. Preparatory work for this item is being conducted within the ITU's Working Party 5A. IARU's global WRC-23 9.1b team, led by Barry Lewis, G4SJH, has been consulting with the amateur community, resulting in a contribution to the draft guidance recommendation in support of coexistence with RNSS. Details on this work can be found at www.iau.org.

The council reviewed a comprehensive written report from IARU [Electromagnetic Compatibility] Coordinator Dr. Martin Sach, G8KDF, on his work with the International Special Committee on Radio Interference (CISPR). CISPR was formed in 1934 to set standards for controlling electromagnetic

interference in electrical and electronic devices. CISPR's specific areas include radio interference measurements and statical methods, and limits for the protection of radio frequencies.

An ongoing strategic planning review of the current IARU structure is being conducted within several Working Groups (WGs). The Administrative Council received reports from the Futures WG Steering Committee, Relationship WG, Governance WG, and the Legal WG. This work is scheduled for completion no later than July to allow discussion at the Region 1 [General] Conference in Serbia in October, with additional opportunities provided to the other two regions.

Region 1 has received several inquiries regarding the status of [John Devoldere's,] ON4UN, and [Mark Demeuleneere's,] ON4WW, book, Ethics and Operating Procedures for the Radio Amateur and is considering how this document [can] be updated.

The Summary Record from this



meeting, in addition to previous meetings, is available at www.iaru.org/reference/ac-summary-records/."

The next virtual meeting of the Administrative Council is scheduled for March 20, and an in-person meeting is scheduled for June 25 at the conclusion of Ham Radio in Friedrichshafen, Germany.

The members of the IARU Administrative Council are the

President, Vice President, Secretary, and two members from each of the regional organizations. Members participating in this meeting were IARU President Tim Ellam, VE6SH/G4HUA; Vice President Ole Garpestad, LA2RR; Secretary Joel Harrison, W5ZN; IARUI Region 1; George Gorsline, VE3YV, President, and Rod Stafford, W6ROD, Sylvain Azarian, F4GKR, President, and Mats Espling, SM6EAN, Secretary, IARU

Region 2; George Gorsline, VE3YV, President, and Rod Stafford, W6ROD, Secretary, and Region 3; Chairman Ken Yamamoto, JA1CJP, and Director Yudi Hasbi, YD1PRY. Assistant Secretary David Sumner, K1ZZ, also participated.

Founded in 1925, IARU is the worldwide voice of radio amateurs who secure and safeguard the amateur radio spectrum. ARRL serves as the International Secretariat of IARU.

The General - Class Element 3 Question Pool Errata has been released.

Source: ARRL Letter February 16, 2023

The National Conference of Volunteer Examiner Coordinators, NCVEC, Question Pool Committee has released the latest errata for the 2023 - 2027 Element 3 General question pool, which

goes into effect on July 1, 2023. Nine questions were modified (G1B01, G1C01, G1C02, G5C02, G7C10, G9B05, G9C09, G9D09, and G9D10) and two questions (G9C06 and G9D13) were withdrawn from use. The pool is

available as a Microsoft Word document and PDF. These changes are reflected in the new General Pool download file, dated February 1, 2023.

HPARC MARCH CALENDAR

MARCH BIRTHDAYS

6 — HPARC Meeting

10 & 11 — Charlotte Hamfest

12 — Daylight Saving Time Starts

17 — Saint Patrick's Day

19 — HPARC Newsletter Deadline

25 — W4VEC High Point VE session

(Hickory Chapel Wesleyan Church, Fellowship Bldg)

Mitchel Boone, KY4MO — 25

Art Johnson, N8FNX — 27

For W4VEC Test information, call or email David Macchiarolo, AJ4TF, (336) 420-9424, aj4tf@arrl.net

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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.