



February Newsletter **2021**

KCARC Meeting
Monday, February 8, 2020, 7:00 PM

ZOOM – Meeting
(Watch your email for ZOOM Link)

WEEKLY NET TIME
Thursday, 8 PM on 146.76 repeater
(146.2 Hz tone)
Club Website:
<https://keycityarc.org/>

2021 Officers:

Allen Brooks, KF5SPQ, President
Ron Harden , WT5X, Vice President
Jacob Bachmeyer, KE5WHG, Secretary
Peg Richard, KA4UPA Treasurer

..._ ..._ ..._ ..._ ..._ ..._..._...

The Prez Sez ...CQ CQ CQ...

Good afternoon everyone. I recently met with the race coordinator for the Steamin' Wheels race at Sears Park. Mr. Pecararo told me that the start point and the routes for the race will be different this year. It will start at SeaBee Park, 6525 W. Lake Road. The three routes (11 mile, 28 mile, and 46 mile) will be along the West and East sides of Lake Ft. Phantom.

I took the routes and looked at where radio operators could be best deployed to cover the routes. To cover the race we will need a minimum of 14 to 15 people. I am currently working on putting together a map of the routes, along with the locations of where radio operators will need to be. Once I have that together I can put together a Sign Up roster for people to be able to sign up for a particular location.

This will be a big undertaking to be able to successfully support this important community activity so I hope that as many people as possible will participate.

The race date is March 20th. It begins at 10 a.m. To make sure that we have locations covered, and people can get to their assigned locations in a timely manner, I think we will need to be at SeaBee Park not later than 9:15 a.m. We will sign in and then be dispatched to the assigned area.

I will be the Net Control at SeaBee Park. I would like to have two Runners to assist in making sure that information is shared with the Race Control folks, etc. Dale Durham, W5WI, has already volunteered to be a Runner so I will need one more Runner.

I also requested that the Parks people provide us with T shirts and box lunches. Please email me your T shirt size at um_circuitrider@yahoo.com or text me at (325) 514-2430. I need to have that as soon as possible so I can forward that info to the Abilene Parks personnel.

“73’s everyone!”

Thanks!

Allen Brooks, KF5SPQ

..._ ..._ ..._ ..._ ..._ ..._..._...

Pegged by Peg ...

Reminder that 2021 dues are payable at \$20.00 per family, all living at one address, or \$15.00 per individual for the year.

Peg Richard, KA4UPA

..._ ..._ ..._ ..._ ..._ ..._..._...

Upcoming Hamfests:

March 13-14 QSO Today Virtual Ham Expo

<https://www.qsotodayhamexpo.com/>



..._ ..._ ..._ ..._ ..._ ..._..._...



..._ ..._ ..._ ..._ ..._ ..._..._...

CONTESTS:

<http://www.arrl.org/contest-calendar>

January 2021

- 1 [Straight Key Night](#)
- 2 [Kids Day](#)
- 2-3 [RTTY Roundup](#)
- 16-18 [January VHF](#)

February 2021

- 8-12 [School Club Roundup](#)
- 20-21 [International DX – CW](#)

March 2021

- 6-7 [International DX– Phone](#)

April 2021

- 18 [Rookie Roundup – Phone](#)

June 2021

- 12-14 [June VHF](#)
- 19 [Kids Day](#)
- 26-27 [Field Day](#)

July 2021

- 10-11 [IARU HF World Championship](#)

August 2021

- 7-8 [222 MHz and Up Distance Contest](#)
- 21-22 [10 GHz & Up – Round 1](#)
- 22 [Rookie Roundup – RTTY](#)

September 2021

- 11-13 [September VHF](#)
- 18-19 [10 GHz & Up - Round 2](#)

October 2021

- 18-22 [School Club Roundup](#)
- 23-24 [EME - 2.3 GHz & Up](#)

November 2021

- 6-8 [Nov. Sweepstakes – CW](#)
- 20-22 [Nov. Sweepstakes – Phone](#)
- 20-21 [EME - 50 to 1296 MHz](#)

December 2021

3-5 [160 Meter](#)

11-12 [10 Meter](#)

19 [Rookie Roundup-CW](#)

18-19 [EME - 50 to 1296 Mhz](#)

For a more extensive Ham Radio Contest Calendar, check this website:

<http://www.hornucopia.com/contestcal/contestcal.html>

..._ ..._ ..._ ..._ ..._ ..._..._...

EXAM SESSION

Sponsor: West Texas Section Manager

VE Testing Abilene Public Library in the Mall Saturday, Feb. 6th at 1 p.m. Pre-registration is required!

Contact Dale Durham, W5WI at 830-719-9000 or w5wi@arrl.org

..._ ..._ ..._ ..._ ..._ ..._..._...

ARRISS is Seeking Hosts for Ham Radio Contacts with the Space Station

02/03/2021 (from ARRL)

Amateur Radio on the International Space Station ([ARRISS](#)) is seeking formal and informal educational institutions and organizations, individually or working together, to host amateur radio contacts with an International Space Station (ISS) crew member. Contacts would likely be scheduled between January 1 and June 30, 2022.

These voice radio contacts are approximately 10 minutes long and in a question-and-answer format. ARISS contacts afford participants the opportunity to learn firsthand what it's like to live and work in space, and about space

research conducted on the ISS. Students will also have an opportunity to learn about satellite communication, wireless technology, and radio science.

Crew scheduling and ISS orbits will determine the exact dates.

ARRISS is looking for organizations that can draw large numbers of participants and integrate the contact into a well-developed education plan. Organizations must demonstrate flexibility to accommodate changes in dates and times of the radio contact. The deadline for proposals is March 31, 2021.

Visit the [ARRISS website](#) for more details and a proposal form. An ARISS introductory webinar will be held on February 25, 2021 at 8 PM EST (0100 UTC on February 26). Participants must [register](#). [Email](#) with any questions.

..._ ..._ ..._ ..._ ..._ ..._..._...

QSO Today Virtual Ham Expo to Include Speaker Track on Amateur Radio Satellites

01/26/2021 (from ARRL)

The [QSO Today Virtual Ham Expo](#) on March 13 – 14 will devote a speaker track to AMSAT and the world of amateur radio satellites.

The Expo is in “full planning mode” and promises “many exciting new things” for the upcoming event, which will include a world-class lineup of more than 60 speakers and workshops for beginners to experts. Presenters at nine AMSAT sessions will discuss the broad spectrum of ham radio satellites, including:

- Introduction to Amateur Radio Satellites (Douglas Quagliana, KA2UPW)
- Getting on the Air with Satellites (Clint Bradford, K6LCS)

- How to Enjoy Amateur Radio Contacts with the International Space Station (Frank Bauer, KA3HDO)
- Implementation of LDPC Encoder on FPGA (Anshul Makkar)
- Debris Mitigation in Earth’s Orbit (Anshul Makkar)
- Digital Multiplexing Transponder from the Open Research Institute (Michelle Thompson, W5NYV)
- Solving the ITAR and EAR Problem for the Amateur Radio Satellite Service (Michelle Thompson, W5NYV)
- Remote Labs for P4XT Engineering Development (Paul Williamson, KB5MU)

period following the event. [Register](#) on the QSO Today Virtual Ham Expo website.

ARRL is a QSO Today Virtual Ham Expo partner.

..._ ..._ ..._ ..._ ..._ ..._..._...

Thompson, an AMSAT Board Member, said working satellites is one of the most rewarding privileges of holding an amateur radio license.

“There has never been a better time to be involved in amateur radio satellites, since some long-standing regulatory burdens have been lifted and advanced technology has never been more affordable and accessible,” Thompson remarked. “We have opportunities now that were not available as of even a few years ago. AMSAT is fortunate to contribute to the Expo by showcasing the truly amazing work going on around the world in the amateur satellite scene. And the Expo is an ideal partner to show it off to the wider ham audience.”

AMSAT will have a booth at the Expo, where attendees can talk to experts, enthusiasts, operators, and technicians and obtain contact and membership information for the 30 AMSAT societies around the world.

Early Bird tickets are \$10 (to help cover the cost of this event) and \$12.50 “at the door.” That includes entry for the live, 2-day event as well as access during the 30-day on-demand