

Harc Herald

A Monthly Newsletter of the Heart of America Radio Club
Published in Kansas City, Missouri
May 2019

Making Field Day Plans

The May meeting of the Heart of America Radio Club will be largely devoted to Field Day 2019 planning. ARRL Field Day is June 22 and 23, 2019. The meeting will be held on Tuesday, May 21 at the American Red Cross office at 6601 Winchester 64133 at 7:00 p.m.

There is more than one way to the location. Here is one of the routes. From Sixty-third Street, turn south on Winchester Avenue at the traffic signal. Drive up a long hill for three blocks. You will pass the Spectrum office on the right. The next building on the right is 6601 Winchester Avenue. Parking space surrounds the building, but park in front.

The front door of the building will be locked at the time of the meeting. Before the meeting you will be greeted at the door. If you arrive after 7 o'clock, call for WØRR on 146.940 MHz. simplex, because reaching the 94 repeater using an HT from inside the building is difficult. You might also use 94 simplex to obtain talk-in directions if you are close by.

If you cannot attend the meeting, and would nevertheless wish to participate in Heart of America Radio Club Field Day, information will appear on the on the HARC net on



June 20. The Heart of America Radio Club Website, <http://www.harc-mo.net> might also be a place to obtain Field Day announcements.

Minutes of the Meeting April 16, 2019

The April meeting was called to order at 7:05pm by Dennis, NØUYN.

Introductions were made by name and call sign for the 10 attendees.

Secretary

The minutes of the March meeting were published and read. Approved as read.

Treasurer

The treasurer's report from Larry, KAØYJE showed the following balance of \$1028.93 for March.

Report approved as read.

Old business:

Craig, KAØFSP discussed FD, we have requested Hodge Park this year. The EOC can be a fall back location.

Larry KAØYJE has requested the use of the RC parking lot for FD. Waiting to hear back.

Craig, KYØO said it is possible that the Blind club may operate with HARC on FD,

New Business:

Mike, KØUAA discussed this year's Johnson County Parks events:

June 9th – KCCC Duathlon @ Shawnee Mission Park

July 7th – SMP Triathlon @ Shawnee Mission Park

August 24th – Kids Triathlon @ Kill Creek Park

Motion to support the events made by Mike, KØUAA. Seconded by Craig, KAØFSP. Motion carried by voice vote.

Continued next page

Minutes continued
Evening Program

Direction finding presentation by Don, KØIFO.

The meeting was closed by the president, Dennis NØUYN at 8:19pm.

Respectfully submitted April 16, 2019 by
Richard, WØKRF

Help Needed for Corporate Challenge Duathlon

Help is needed for the Kansas City Corporate Challenge Duathlon on Sunday, June 9.

The event is held at Shawnee Mission Park at Renner Road and 77th Street. Hams with either 2-meter mobile or handheld are needed. The Kansas City Corporate Challenge benefits a charity each year. The Kansas City Metro Special Olympics is the beneficiary. One hundred dollars from each company's entry fee will be donated to Special Olympics resulting in support of more than 4,000 athletes in Missouri and Kansas. Proceeds from concessions at various events will also benefit Kansas City Metro Special Olympics.

This year is the Kansas City Corporate Challenge celebrates 40 years and offers more than 30,000 participants from 220 companies the opportunity to compete in 30 individual and team sports in 9 divisions.

Hams will need to arrive by 5:30 a.m. The event will be over about 10:00 a.m. A volunteer sign up sheet will be at the HARC meeting Tuesday, May 21. Those who cannot attend the meeting may volunteer by calling Mike Bellinger, KØUAA at 816-363-1118.

Basic Electrical Units Are Tweaked

According to an Institute of Electrical and Electronics Engineers magazine, "Spectrum" November 18, 2018, article the definition behind the basic electrical units will change effective on May 20, 2019. The changes are more academic than anything impacting the average ham. The minor refinement will not require recalibration of your amateur instrumentation.

The International Bureau of Weights and Measures (BIPM) redefines four base units in terms of fundamental constants in nature. Those include the base units of the ampere, kelvin, kilogram, and mole.

The redefinition of units links every unit to a fixed figure: a fundamental constant in nature. And many of the units' definitions will reference one another.

Perhaps the biggest—and certainly the buzziest—change is to the kilogram, the last base unit to be defined by a physical artifact. The International Prototype Kilogram, or Le Grand K as it is affectionately known, is a cylinder made of platinum and iridium, housed in a trio of bell jars in Paris and held under lock and key. It's taken out only to measure against official replicas of the kilogram, in an intensely careful process.

With the revamp, the kilogram will now be defined in terms of the Planck constant—which itself will be given a fixed numerical value—and can then be realized by methods like the Kibble (watt) balance or the Avogadro constant.

The amp, currently defined as the magnetic force between two infinitely long wires at a certain distance apart that carry the same charge, will now be defined in terms of the elementary charge. The BIPM noted in a statement that, "For the vast majority of measurement users, no action need be taken as the volt will change by about 0.1 parts per million and the ohm will change by even less."

Larry's List June 2019 Ham Events

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
26	27	28	29	30 QCWA Lunch	31	1 7:30 am Santa Fe Trail ARC 8 am SouthSide ARC Breakfast Hospital Hill Run NAWS 5K Dash and 1 Mile Woof-Walk
2	3 6:00 pm Kansas City DX Club	4 7pm Ararat Shrine Radio Club	5 6:45pm Clay County Amateur Radio Club	6 QCWA Lunch 7 pm Pilot Knob ARC	7	8 7 am Santa Fe Trail ARC Breakfast 8 am SouthSide ARC Breakfast 9 am W5YI Testing Independence HamClass.org 2 pm KC Area Blind Association Radio Club
9	10	11	12 12:10 pm Crown Amateur Radio Association	13 QCWA Lunch 6:30 pm SMRCC 7:30 pm Blue Springs ARC	14 7 pm Johnson County Radio Amateurs Club	15 7 am Santa Fe Trail ARC Breakfast 8 am SouthSide ARC Breakfast HamClass.org 9 am W5YI VE Testing Johnson County
16	17	18 7 pm VE Testing- Raytown ARC 6pm SouthSide ARC 7 pm Heart of America Radio Club	19 7 pm Wheat State Wireless Association	20 QCWA Lunch 7:30 pm Jayhawk Amateur Radio Society	21	22 7 am Santa Fe Trail ARC Breakfast 8 am SouthSide ARC Breakfast 9 am W5YI VE Testing Blue Springs ARRL Field Day
23 ARRL Field Day	24	25	26	27 QCWA Lunch 7:30 pm Raytown ARC	28 7 pm Johnson County Radio Amateurs Club	29 7 am Santa Fe Trail ARC Breakfast 8 am SouthSide ARC Breakfast 9 am Platte County ARG
30 Cider Mill Ride	1	2	3	4 QCWA Lunch 7 pm Pilot Knob ARC	5	6 7:30 am Santa Fe Trail ARC 8 am SouthSide ARC Breakfast WW1USA

The **Harc Herald** is the official organ of the Heart of America Radio Club, Inc., of Kansas City, MO. Permission to reprint any article appearing in this newsletter is given providing appropriate credit is given to the **Harc Herald** and the article's author.

This **Harc Herald** was duplicated for mailing courtesy of the Emergency Services Department of the American Red Cross.

In order for members to receive this newsletter before the meeting, articles for this newsletter must be received by 8 a.m. one week before club meetings. The editor can be reached by telephone at 816-363-1118. Call that number if you wish to submit an article by electronic means.

**Post Office Address for HARC
(Other than for newsletter articles) is:
c/o Larry Widener, 8316 Summit St. 64114**

HARC Net Schedule

The HARC net meets every Thursday at 9:00 p.m. on the 146.34/146.94 MHz. repeater. 88.5 Hz. access tone required

If you have received a complimentary copy of this newsletter or saw it posted, we invite your membership. Annual dues of \$12.00 include the cost of this newsletter. New members may join by paying dues prorated from the date of joining to end of year.

Club meetings are normally held at 7:00 p.m. on the third Tuesday of each month at the Red Cross building in Kansas City, MO. The address is 6601 Winchester 64133. There is parking in the front of the building. Visitors are welcome. You must be accompanied into the meeting.

The next meeting will be May 21.

HARC website: <http://www.harc-mo.net>

Ham events calendar: <http://www.larryslist.info/events-listing.html>

HARC Officers:

President: Dennis Crawford, NØUYN
Vice President: Craig Martin, KYØØ
Treasurer: Larry Widener, KAØYJE
Secretary: Richard Fretwell, WØKRF
Director: Craig Schley, KAØFSP



FIRST CLASS POSTAGE

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