



River City ARCS

River City Amateur Radio Communications Society



July 2020

<http://www.n6na.org/>

Vol. 40 no. 7



Dipole set up in my back yard for Field Day.

ELMER

The club has an Elmer program where new hams can get help from older hams. If you need help with something contact a board member. If you would like to help others let a board member know and what your area of expertise is. It doesn't have to be complex electronics, it could as simple as labor to help put up a mast. By volunteering you will help others and maybe make a new friend.

Directions or the Zoom meeting are on page 3.

PRESIDENTS MESSAGE

The weekend of June 27 - 28th was ARRL Field Day 2020. It was a different Field Day experience this sure for sure, with most of us choosing to operate from home. Given the rule change that 1D stations could work other 1D stations this year, some of us, myself included, chose to work a single station on commercial power at home, while others chose to work with solar panels and emergency power. There was a lot of activity on 40m throughout the weekend, and also 20m was busy.

As a club we used a number of online services to allow club members to work together virtually. Tom Cutter W6BS setup a Discord server for us that allowed us to chat and share photos online throughout the weekend. We also used contestonlinescore.com run by Icom to share scores for our club participants as a leaderboard that updated throughout the weekend. This in itself added another interesting aspect to the weekend as we watched Bob N6PGQ, Carol KP4MD and Tom W6BS constantly swap places on the leaderboard throughout the weekend.

Saturday evening at 6pm we had a Field Day Club Dinner Zoom call to catch up with each other and share updates from our weekend so far. After taking a short break we all went back to working the bands.

All in all it was a different experience for us all, but hopefully we all had an opportunity to get on the air and make some contacts. We'll be sharing more details of the weekend in the next online club meeting on Tuesday July 7th. See you there!

73, Kevin KK6DCT
Club President



CLUB INFORMATION

DUES: \$20.00 Per year
 Send to: River City ARCS
 c/o Phil Sittner, Treasurer
 9181 Winding Oak Dr
 Fair Oaks, CA 95628-4172

MEETINGS: Membership meetings are generally held on the first Tuesday of each month, 7:30 P.M. at the Sacramento County Corporation Yard, corner of Don Julio and Elkhorn Blvd.'s.
 Board of Directors meetings are held the fourth Tuesday at 7:00 pm. All members are welcome.
 Contact a board member for location.

2020 OFFICERS AND COMMITTEES

Board of Directors

President	Kevin Hooke	KK6DCT
Vice President	Tom Cutter	KK6YYF
Secretary	Gert Thompson	KK6ZGA
Treasurer	Phil Sittner	KD6RM
Membership	Phil Sittner	KD6RM
Board Members		
2 year Term	Marty Gunn	KM6MFI
2 year Term	Mike Meighan	KD6ILC
2 year Term	Dave Martin	WB6YLK
2 year Term	Sylvia Stork	KS6WTF

Appointments:

N6NA Trustee	Andrew Stephens	W6AWS
Hospitality	Marie Martin	
Training	Ed Seigner,	WA6QYO
Editor	Ken Martin,	KE6RMN
Sales	Need volunteer	
Field Day	Need volunteer	
Picnic Chair	Need volunteer	

Web Site: www.n6na.org
 E-mail: n6na@arri.net
 Contact club through the web page at:
<http://www.n6na.org/about>

N6NA Repeaters
145.250 MHz (-162.2)
442.600 MHz (+100) Low Level (Orangevale)
441.300 MHz Member use only
2M Club Net - Members and Guests
Check In on 145.250 MHz
Wednesday at 8 PM
10M Club Net - Members and Guests
Check in on 28.420 MHz
following 2M net
SSTV Club net - Members and Guests
Check in on 441.300 MHz FM Simplex
Following 10M net.
<http://www.n6na.org/nets>

2020 SCHEDULE OF EVENTS

For 2020 all membership meetings will be held on the 1st Tuesday of each month.
 Board meetings are on the fourth Tuesday of each month.

Club Meeting	July 7
Board Meeting	July 28
Club Meeting	Aug 4
Board Meeting	Aug 25

NEW MEMBERS

Please welcome these new members:

- Carla Concepcion, KN6IWG, Tech
- Carlo Fernandez, KN6IWH, Tech
- David Schlueter, WA6LXD,
- John Gray, KK6YHM,
- Andrew Kopac, KG6AMH,
- Bryan Lincoln II, K6BKL
- Kevin Wright, no call,
- Gil "Frank" Gildardo, KN6GAA, Tech
- Reuben Meeks III K6GUC, Extra

RCARCS June 2020 General Membership club meeting on Zoom

Topic: RCARCS July 2020 General Membership club meeting

Time: Jul 7, 2020 07:30 PM Pacific Time (US and Canada)

Join Zoom Meeting

<https://us02web.zoom.us/j/84491231671?pwd=czByZGw4ZkRJK3VLaC9JdHRvWjFGUT09>

Meeting ID: 844 9123 1671

Password: 429195

One tap mobile

+16699009128,,84491231671#,,,0#,,429195# US (San Jose)

+13462487799,,84491231671#,,,0#,,429195# US (Houston)

Dial by your location

+1 669 900 9128 US (San Jose)

+1 346 248 7799 US (Houston)

+1 253 215 8782 US (Tacoma)

+1 646 558 8656 US (New York)

+1 301 715 8592 US (Germantown)

+1 312 626 6799 US (Chicago)

Meeting ID: 844 9123 1671

Password: 429195

Find your local number:

<https://us02web.zoom.us/j/kbONGIUXS2>



August Meeting Preview

This is a short preview of the presentation scheduled for our August River City ARCS meeting.

A WebSDR is a Software-Defined Radio receiver connected to the internet that allows users to tune and listen to it through a web browser.

The KiwiSDR consists of a small low-cost single board BeagleBone computer (similar to a Raspberry Pi) with an attached board (aka a “cape”) with the radio hardware that digitizes radio signals from an antenna for the computer. The software on the BeagleBone processes the IQ signal into a panadapter and waterfall display and streams demodulated audio to a web browser interface. An onboard GPS receiver provides a precise time clock and frequency accuracy to 1 Hz. In contrast to some other webSDRs, the KiwiSDR can process and display the entire HF spectrum from 0 to 30 MHz at one time.

In addition to general HF reception, the KiwiSDR software offers several special functions (called extensions) that can decode WSPR, RTTY and Morse Code, display fax and SSTV images, track the International Beacon Project signals, and HF signal triangulation (TdoA geolocation) to name a few.

My KiwiSDR is connected to a 40 meter full wave horizontal loop antenna at my QTH in Citrus Heights. It is set up for eight user channels, seven of which continuously decode WSPR signals simultaneously on seven HF bands for the WSPRDaemon.org project. One channel is available for public access.

River City ARCS club members can currently listen to my KiwiSDR at <http://kiwisdr.n6na.org> Some common uses for the KiwiSDR are: to observe what HF frequency bands support ionospheric propagation, to compare its reception against your own home station, or to receive signals outside of the propagation range of your home station. Many others around the world publicly share their KiwiSDRs on <http://kiwisdr.com/public>

See www.kiwisdr.com for more information on KiwiSDRs.

73, Carol KP4MD

