AMATEUR RADIO WEEK

Yes, it's a THING!

Amateur Radio Week Proclamation

On Tuesday June 18, 2019 the Santa Rosa City Council proclaimed June 17th-23rd to be Amateur Radio Week in light of amateur radio's contributions to society, SCRA's 80 years of service to the community and Field Day. The proclamation was presented to SCRA by council member Julie Combs KM6JOJ. Receiving the proclamation on behalf of SCRA was Fred AE6SF supported by Darryl KI6MSP, Iola KK6HRE and Philip KF6GNH.

- Fred AE6SF

And again, minutes before Field Day launched on Saturday, the 22nd...

Roni Berg came to present to us the Resolution of the Sonoma County Board of Supervisors, recognizing the week of June 17th through June 23rd as Amateur Radio Week and recognizing SCRA's 80 years of service to Sonoma County.

--Brian N6IIY

photo taken by Eric AA6EM

From the left, are Iola KK6HRE, Darryl KI6MSP, Council Member Julie Combs KM6JOJ, Fred AE6SF, Philip KF6GNH.

VICE PRESIDENT'S MESSAGE JULY, 2019

Field Day was a resounding success! The CW, Digital and SSB stations burned up the airwaves for "over 20" of the 24 hours. Our antennas and feedlines performed well with no issues (finally!). Off air activities and food were abundant. Both the City of Santa Rosa and Sonoma County issued proclamations commemorating Field Day and SCRA's 80 years of service to the community. Kudos to all who participated making this a buoyant event. I had fun.

It's not too early to consider running for a position of SCRA Officer or Director. Elections will be held at the November membership meeting. There are four officer positions (President, Vice President, Treasurer, Secretary) and two Director positions. These six positions plus the Immediate Past President form the seven-member Board of Directors, each with voting power over corporate matters. The Officer positions have duties defined in the Bylaws whereas the two Directors provide additional representation of the membership. All positions reopen annually. The Director positions are excellent opportunities "to get your feet wet" although you are welcome to "go for the gold" of any position. The most pressing commitment is the time to attend Board meetings on the second Wednesday evening of the month where a quorum of four board members is required for conducting business, and the membership meetings on the first Wednesday evening of the month (which you attend anyway, right?). You'll need to have been a member in good standing for a year for an Officer position, or six consecutive months for a Director position. So, consider helping the club thrive by taking a leadership position.

- Fred AE6SF

Contributed by Phil KF6GNH

JUNE PROGRAM

Amateur Radio Uses for the Raspberry Pi

by Bill KM6BYD

JOIN ARRL, THE AMERICAN RADIO RELAY LEAGUE

The ARRL is the national organization of Amateur Radio. It represents Amateur Radio at International Conferences and before the FCC. Get the monthly QST magazine, insurance for your equipment and too many other benefits to mention here. Click http://www.arrl.org/membership/

If you are not getting the ARRL San Francisco Section news by e-mail and you are an ARRL member, be sure to subscribe under your Members Only information or go to this Web site:
http://www.arrl.org/Groups/view/san-francisco

2019 Club Officers

President	John Felton	KE5RI
Vice President	Fred Seitel	AE6SF
Secretary	Bill Dornbush	KM6BYD
Treasurer	Iola Beckley	KK6HRE
Director	Randy Hall	AA6RH
	Doug Payne	KF6LMB
Past President	Iola Beckley	KK6HRE

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SCRA E-Mail	K6SON@arrl.com
SCRA Web site	http://www.sonomacountyradioamateurs.com

Short Skip Advertising Rates

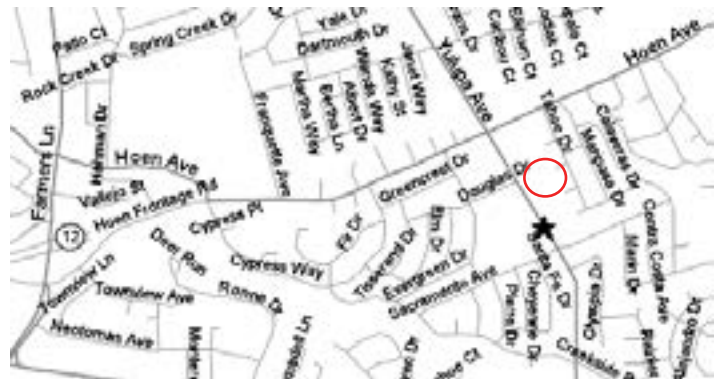|	
Business Cards	$12 per month
1st Quarter Column	$13 per month
Each Additional Quarter Column	$4 per month
Full page (one side)	$35 per month
Pre-printed inserts (each)	$35 per month

SCRA Club Meetings

The club normally meets the first Wednesday of each month, socially at 6:30 pm, program starting at 7:00 pm. Exceptions are holidays or other big events.

Meeting location:
Luther Burbank Art & Garden Center
2050 Yulupa Avenue
Santa Rosa, CA

All are welcome!

Please join us at our next meeting. Anyone interested in Amateur Radio is eligible for membership. A membership application is included in this newsletter. For more information, contact any SCRA officer, director or member. Hungry before the meeting? Join us for dinner! We Meet at IHOP restaurant, 4th and Farmers Lane, Santa Rosa. People start showing up at 5:15 PM. No RSVP is required.

Board of Directors Meeting

The SCRA Board of Directors will meet monthly on the Second Wednesday at the IHOP Restaurant, Fourth Street, Santa Rosa (in the Safeway/CVS Pharmacy center). All members are welcome to attend, no reservations necessary. Arrive around 5:15- 5:30pm for dinner. Meeting starts at 6:00pm.

LOANER RADIOS AVAILABLE

The Club has a variety of radios available to members to try out and improve their skills. We have a Kenwood T590 SG HF radio; Yeasu FT 2900 2 meter mobile; Yeasu FT1D, an analog/digital 2 meter and 440mhz HT; Yeasu FT 60, a 2 meter and 440 mhz HT; and a TYT TH-F5 VHF 2 meter HT. Trying these out is an excellent way to learn some radio and test before you buy. Contact Joe, K6AWA, at k6awa@yahoo.com with your request. Joe will forward an information form to you by return email.

UPGRADE TO GENERAL OR AMATEUR EXTRA CLASS

Get more privileges and enjoyment from your Ham Radio Hobby. Mentoring assistance is available. Contact Cornell Chesnik, W6HMN, SCRA Education Chair, at w6hmn@sonic.net.

Tuesday Night Net

The Sonoma County Radio Amateurs' net meets Tuesday at 7:00 PM on the SCRA repeater, 147.315, positive offset, PL 88.5.

All members and guests are invited to check in. The Net includes updates on SCRA activities, and Newsline, the amateur radio community news service.

Anyone wishing to work as net control should contact Iola kk6hre, at K6SON@ARRL.NET for assignment. Script and logs are available on the Website at http://sonomacountyradioamateurs.com/wp/resources/net-script/

The Weekly 160 Meter Net

Announcing the new 160 meter net which runs from 8:45pm to 9:30pm Tuesday nights, immediately following the 10 meter net hosted by Joe K6AWA. Tune your radio frequency to 1.900 Mhz. LSB. 160 meters requires a General or above license to transmit.

Your Tuesday Night Net Line-up

7:00pm Membership Net on the SCRA repeater, 147.315, positive offset, PL 88.5

10 Meter Net - starts at 8:00pm (new time) following the regular SCRA net Tuesday nights and ends at 8:45pm. Set your dial to 28,403.00 SSB, USB. Please note that all license classes (including technician) are welcome.

160 Meter Net - runs from 8:45pm to 9:30pm. Tune your radio frequency to 1.900 Mhz. LSB. 160 meters requires a General or above license to transmit.

Digital Mobile Radio

Sonoma County Talk Group 31707!

The club's DMR footprint continues to expand! We established a beachhead on DMR and the BrandMeister network of repeaters and hotspots by adding a talk group for Sonoma County! We are using talk group number 31707 to keep in touch on DMR and be able to discuss local news and topics of interest. The use of a talk group like 31707 allows a wider variety of Sonoma County DMR hams to be able to consistently reach each other on the air. Best of all, the 31707 talk group can be reached on hotspots as well as repeaters, meaning you can tie into your local community wherever you are!

Sonoma County DMR Net, Mondays at 6PM PT!

We also started a DMR net for Sonoma County (using talk group 31707) that lets us practice a little bit of traffic handling, while also allowing us to get together and talk about ways we can integrate DMR into our normal operating habits! Currently Randy AA6RH runs net control, and it's scheduled ahead of the "Sonoma County EmComm Net Crawl" on Monday evenings. If you have a DMR radio, make sure to program it (or ask Randy to help you program it) to include talk group 31707 on any of the area DMR repeaters (there are at least four in Sonoma County!) and join us on Monday evenings!

2019 SCHEDULE OF EVENTS

Check the Club website for details

Community outreach:

8/4 Space Festival
8/3, 8/10 County Fair
9/28-29 PCAM
10/26 Science Festival

Public Service:

8/24 Tour de Fox
9/21-22 Waves to Wine
10/5 Gran Fondo
11/2? SoNoMas
11/9-10 Santa Rosa bike trione

80th Anniversary
? Skunk train
8/11 Club Picnic
10/? Hamfest or swapmeet
12/4 Holiday dinner

OTHER:
8/15-18 Mini DX
10/19 JOTA
10/18-20 Pacificon

VE Sessions
7/20
9/14
11/16

CONTEST CORNER

Hello July and welcome to this edition of Contest Corner.

Field Day 2019 is now history and the preparations for next year have already begun for some, believe it or not. Remembering what went well and what needs improvement will help us all in the future with ham radio. Congratulations to all the hams that operated for the first time during Field Day. Regardless of what mode worked, kudos to you all. And, more shout outs to those hams that had their first experience at contesting with "butt in chair" while trying to work as many unique contacts as they could. For some it would be their first and last time, others just the beginning of their introduction into the world of radiosport. Enjoy your journey.

The month of July has contests from RAC Canada Day on the 1st to CWops' Mini-CWT Test on the 31st. There doesn't seem to be any state qso parties for those who might be chasing WAS but one can always call; "Delaware QSO?" or maybe "RI QSO (your call)?" Check out the digital protocol for this and don't forget the "k" at the end. The 10-10 Int. Spirit of 76 QSO Party is happening around the 4th and again provides us a chance to log a 10m contact at this juncture of Cycle 24. The IARU HF World Championship is on the 13th that will bring activity to the bands. On the 20th the CQ Worldwide VHF Contest and the North American QSO Party, RTTY take place. These two contests are very popular and will bring out the pros as well as the curious. There are a dozen or so Qrp contests in July and just their names are enough to bring some attention. Be a Firefly or a Spartan on the 2nd, Run for the Bacon on the 22nd, or become a Bumblebee on the 28th. Qrper or not those contests do sound interesting. And last but not least a QRP cw op can always chase the FOX every Tuesday and Thursday for the summertime hunt.

Do not forget to check out http://www.contestcalendar.com

Contact nq6e@arrl.net for questions/comments/suggestions regarding Contest Corner.

72/73, NQ6E

Bruce Draper, AA5B, aa5b.corral@gmail.com

Contest Corral   July 2019

Check for updates and a downloadable PDF version online at **www.arrl.org/contests**.
Refer to the contest websites for full rules, scoring information, operating periods or time limits, and log submission information.

	Start - Finish Date-Time		Start - Finish Date-Time		Bands	Contest Name	Mode	Exchange	Sponsor's Website
1	0000	1	2359		1.8-144	RAC Canada Day Contest	CW Ph	VE: RS(T), province/territory. Non-VE: RS(T), serial	wp.rac.ca/rac-canada-day-contest-rules
1	0001	7	2359		28	10-10 International Spirit of 76 QSO Party	CW Ph Dig	Name, mbr or "0," SPC	www.ten-ten.org
1	0800	7	2000		All (no WARC)	IQRP Quarterly Marathon	CW Ph Dig	RS(T)	www.arimontebelluna.it/contest.htm
1	1900	1	2030		3.5	RSGB 80-Meter Club Championship, CW	CW	RST, serial	www.rsgbcc.org/hf
2	0100	2	0300		3.5-28	ARS Spartan Sprint	CW	RST, SPC, power	arsqrp.blogspot.com
4	1700	4	2100		28	NRAU 10-Meter Activity Contest	CW Ph Dig	RS(T), 6-char grid square	www.nrau.net/activity-contests
4	1900	4	2100		1.8-50	SKCC Sprint Europe	CW	RST, SPC, name, mbr or power	www.skccgroup.com
6	0000	6	0400		3.5-28	FISTS Summer Slow Speed Sprint	CW	RST, SPC, name, mbr or power	www.fistsna.org
6	0000	6	2359		1.8-28	Venezuelan Independence Day Contest	CW Ph Dig	RS(T), serial	yv5rcv.org/reglasindep.aspx
6	1100	7	1059		3.5-28	DL-DX RTTY Contest	Dig	RST, serial	www.drcg.de/dldxrtty
6	1400	7	1400		1.8-28	Marconi Memorial HF Contest	CW	RST, serial	arifano.it/contest_marconi.html
6	1500	7	1500		3.5-14	Original QRP Contest	CW	RST, serial, power category	qrpcc.de/contestrules/oqrpr.html
6	2000	7	2000		7	PODXS 070 Club 40-Meter Firecracker Sprint	Dig	RST, SPC	www.podxs070.com
10	1900	10	2030		3.5	RSGB 80-Meter Club Championship, SSB	Ph	RS, serial	www.rsgbcc.org/hf
13	0000	13	0400		3.5-28	FISTS Summer Unlimited Sprint	CW	RST, SPC, name, mbr or power	www.fistsna.org
13	1200	14	1200		1.8-28	IARU HF World Championship	CW Ph	RS(T), ITU zone (HQ stations: send IARU Society)	www.arrl.org/iaru-hf-championship
13	1200	14	2359		1.8-50	SKCC Weekend Sprintathon	CW	RST, SPC, name, mbr or "none"	www.skccgroup.com
15	0000	15	0200		1.8-28	4 States QRP Group Second Sunday Sprint	CW Ph	RS(T), SPC, mbr or power	www.4sqrp.com
20	0030	20	0230		3.5-14	NAQCC CW Sprint	CW	RST, SPC, mbr or power	naqcc.info
20	0700	20	1459		7-28	Russian Radio Team Championship	CW Ph	RS(T), 3-char code or ITU zone	srr.ru/chempionat-rossii-po-radiosvyazi-na-kv-rrtc
20	0800	20	1400		1.8-7	Trans-Tasman Low-Bands Challenge	CW Ph Dig	RS(T), serial	wia.org.au/members/contests
20	1200	20	1359		1.8-50	Feld Hell Sprint	Dig	RST, mbr, SPC, 4-char grid	sites.google.com/site/feldhellclub
20	1800	21	0559		3.5-28	North American QSO Party, RTTY	Dig	Name, SPC/D.C.	www.ncjweb.com
20	1800	21	2100		50, 144	CQ Worldwide VHF Contest	CW Ph Dig	4-char grid square	www.cqww-vhf.com
20	2100	20	2259		7, 14	SA Sprint Contest	CW Ph	RS(T), serial	sa-sprint.com/rules
21	0900	21	1600		3.5-14	RSGB Low Power Contest	CW	RST, serial, power	www.rsgbcc.org/hf
21	2000	21	2159		14	CQC Great Colorado Gold Rush	CW	RST, SPC	coloradoqrpclub.org/contests
22	0100	22	0300		1.8-28	Run for the Bacon QRP Contest	CW	RST, SPC, mbr or power	qrpcontest.com/pigrun
24	0000	24	0200		1.8-28	SKCC Sprint	CW	RST, SPC, name, mbr or power	www.skccgroup.com
25	1900	25	2030		3.5	RSGB 80-Meter Club Championship, Data	Dig	RST, serial	www.rsgbcc.org/hf
27	1200	28	1200		3.5-28	RSGB IOTA Contest	CW Ph	RS(T), serial, IOTA number (if any)	www.rsgbcc.org/hf
28	1700	28	2100		7-28	ARS Flight of the Bumblebees	CW	RST, SPC, power or Bumblebee nr	www.arsqrp.blogspot.com
29	1300	30	0400		1.8-28	QCX Challenge	CW	RST, name, SPC, rig	www.qrp-labs.com/party.html

All dates refer to UTC and may be different from calendar dates in North America. Contests are not conducted on the 60-, 30-, 17-, or 12-meter bands. Mbr = Membership number. Serial = Sequential number of the contact. SPC = State, Province, DXCC Entity. XE = Mexican state. Listings in blue indicate contests sponsored by ARRL or *NCJ*. The latest time to make a valid contest QSO is the minute listed in the "Finish Time" column. *Data for Contest Corral is maintained on the WA7BNM Contest Calendar at* **www.contestcalendar.com** *and is extracted for publication in* QST *2 months prior to the month of the contest.* ARRL gratefully acknowledges the support of Bruce Horn, WA7BNM, in providing this service.

SCRA Merchandise QST

If you missed out on the Sonoma County Radio Amateurs 80th Anniversary Apparel event back in April, or if the last time visited the mechandise table you didn't see the right style, color or size you were hopeful for, do not dispear, for the SCRA/Halls webstore is back on-the-air!

Just tune your internet device to the website hosted by Halls Executive Gifts and Awards' at http:// scra.hallsapparel.com .

This time, when you order a shirt, in the style, color and size of your choice, it should be available for pickup at our next membership meeting, as long as you place your order two weeks before the meeting. This leadtime can vary, due to availability, but if it's not ready for the meeting, you will be notified as soon as it arrives.

Since these shirts are produced one at a time as each order is placed, you will notice that the single-item pricing is considerably higher than the pricing during our April Apparel event, where we got the lower minimum-order-point pricing by purchasing in bulk. The T-Shirts, short and long sleeve, are priced at $25 each and Polo shirts at $35 each. All major credit cards and PayPal are accepted.

The T-Shirts feature our 80th Anniversary logo printed on a 100% cotton fabric. The Polo shirts feature an 80th Anniversary text along with our Mic-&-Key logo embroidered on a 60/40 cotton/poly pique fabric. More specific product descriptions can be found near the bottom of each product webpage.

Most members have found that the shirt sizes fit as expected, but if you tend to run in between sizes, we recommend the larger size. If you have any questions and/or comments, please email merchandise@sonomacountyradioamateurs.com.

SCRA Membership QST

The SCRA membership stands at 204.

Welcome new and returning members:
- Darren Patterson KN6AWB (T) Rohnert Park
- Bill King WK6CM (A) Santa Rosa
- Kimberly Susukida Associate Santa Rosa
- Ed Tedrow Associate Fulton

New call signs:
- none reported

License Class Upgrades:
- Philip Humes KF6GNH – General

Membership Count by License Class	
License Class	**Count**
Advanced	3
Amateur Extra	64
General	61
Technician	66

We have ten Associate members.

If you have recently achieved a new license class, obtained a new call sign, or changed your address, email or phone, please email membership@ sonomacountyradioamateurs.com with your update. And don't forget to report your address change to the FCC!

2019 Mini-DX Ops Plan

August 15, 16, 17, 18

Ooh, ooh, I have a Question!

From the NEW 2019 -2023 General Class Question Pool:

G3B01 What is a characteristic of skywave signals arriving at your location by both short-path and long-path propagation?
A. Periodic fading approximately every 10 seconds
B. Signal strength increased by 3 dB
C. The signal might be cancelled causing severe attenuation
D. A slightly delayed echo might be heard

And What About This?
From the Extra Class Question Pool:

E2C01 (A)
Which of the following is true about contest operating?
A. Operators are permitted to make contacts even if they do not submit a log
B. Interference to other amateurs is unavoidable and therefore acceptable
C. It is mandatory to transmit the call sign of the station being worked as part of every transmission to that station
D. Every contest requires a signal report in the exchange

New General Class Question Pool Goes Into Effect July 1, 2019.

The new question pool for the General Class Exam has gone into effect. You can find it at http://www.arrl.org/general-question-pool.

Objectives
1. Have fun
2. This is (in general) a multi-day/night radio operating social event. There are no structured elements. You are free to operate any band, mode, or schedule you wish. Please be mindful of others using the same band.
3. Be prepared to educate other campers in the Park. There always are interested people walking through.

Location and Directions:
1. A.W. Way Park is located along the Mattole River in rural Humboldt County. Nearest towns are Petrolia to the north, Honeydew to the south.
    a. The address of the Park is: 36625 Mattole Road.
    b. Coordinates are: 40d 16.0934'N 124d 13.8007'W
    b. Maidenhead Gridsquare is: CN70vg
2. There are four routes you can take to reach the Park, three of which are paved. You can Wind an on-line Google map of the routes here. Google Map Link. Just click on any of the routes on the left hand menu bar to turn them on or off.
    a. Most seem to take Route-1 in from Weott. It is paved but does have a steep switchback decent into the town of Honeydew. Those with trailers or RV's should be careful.
    b. Route-2 is a good alternate for the Sunday drive home. 90% paved. It will take you through a very remote area of Humboldt County where you may experience a sweet aroma in the air.
    c. Route-3 takes you along miles of deserted beaches and through the historic Victorian town of Ferndale.
    d. Route-4 is only for the adventurous 4-wheel driver. In 2015 we rescued a driver who had not seen another soul in 6-hours of waiting for help.

...Mini DX continued from page 8

3.   A. W. Way Park information:

a.   They do not take reservations, however we have never had any problem securing multiple campsites together. The First to arrive will setup in a number of sites to help secure them for late arrivers. We usually secure the sites on the western edge of the Park.

b.   General Park information can be found here.

c.   Big picture general map can be found here.

Organization

1.   This is not a structured event. This year it occurs on the same weekend as the North American QSO SSB Party and the International Lighthouse Lightship Weekend. There are many SOTA peaks in the area. Some easier to get to than others.

2.   You are free to pursue any endeavor (radio or non-radio) you have in mind such as:

  a.   Biking (mountain biking or back roads)
  b.   Hiking
  c.   Swimming in the Mattole
  d.   Drive to the Beach
  e.   Tour the Redwoods
  f.   Lounging around
  g.   Stargaze (fog permitting)
  h.   Geocaching

3.   Caravan

  a.   There will be an organized caravan for the trip up on Thursday morning. We will meet at the Windsor Wallmart parking lot at 0730 and depart no later than 0800. Caravan travel frequency will be 147.55. For any stragglers, we will monitor English Hill until we reach Cloverdale.

4.   Food and Beverages

  a.   Each individual is responsible for their own meals. (B.L.& D), except; Friday night we will have a pot-luck style dinner. Organization of that to follow.

  b.   Shade tents will be setup for family style group meals.

  c.   No restrictions on beverages.

Operations

1.   Frequencies

•   Talk in will be on simplex. 147.55 The caravan will be using the talk-in on the complete route. Once camp is set up, someone will be monitoring the entire weekend. For late arrivals, your 2m mobile should be able to hit the camp when starting the last decent into Honeydew.

•   IRLP: There is a 6m IRLP Node near the top of Mt. Pierce, which is 12 miles northeast of the camp. We have asked for permission to use the node during our event. The details are:

o   Node 3572, Call sign N7HQZ

o   Location 40.4229N 124.,09772W, Heading 33.16 degrees from camp

o   Frequency 51.84, offset -500

o   PL 114.8

•   The campsites are generous enough to allow plenty of room for setup and operations including tall trees with lots of branches to string 80m dipoles.

•   It is STRONGLY urged that you operate using battery, not generator. If you need to re-charge your battery with a generator, please be mindful of others who are trying to operate in a quiet environment. Those with solar panels should have no problem Winding enough sun.

2.   The campground (A.W. Way Park) is a public campground. There will be other campers. Please respect the Park's quite time rules and keep your radio's volume turned down.

Supplies:

1.   For either route 1 or 2 you should re-fuel in Garberville, Ferndale for route 3.

2.   Lunch in Garberville has always been an iffy thing. For a route-1 to route-2 detour, there is a diner in the town of Redway that is decent. (Excellent hotdogs). 3.5 stars on Yelp. Debs Diner

3.   Honeydew general store has a decent inventory of supplies and groceries. Ice, soft drinks, snacks, etc., gas is sometimes available. Humboldt Gold seems always to be in stock or in use as well.

Campground Accommoda1ons

1.   Fees are $25 per night per campsite. Pay the iron ranger upon entering the campground. Each campsite can accommodate 2-vehicles, so if you want to cut costs, share a campsite. $2 senior discount (62 & over) per night.

2.   Toilet facilities are a short (downwind) walk away. Bring your own towels. (No paper towels are provided)

3.   Hot showers are available. 3-quarters is all you need. Bring your own toiletries and towels.

Continued on page 10...

...Mini-DX continued from page 9

4. Trash cans are setup around the campground. (Non-bear-proof type)

Miscellaneous
1. Bugs (mosquitos) can sometimes be an issue. Come prepared to do battle.
2. Dogs are welcome.

Sonoma County Radio Amateurs Membership Meeting Minutes
Date: June 5, 2019
Call to order: 7:01 pm

The president determined that a quorum is present.

Board members present: John KE5RI, Iola KK6HRE, Doug KF6LMB, Bill KM6BYD

Absent: Randy AA6RH, Fred AE6SF

Radio loaner program: Joe K6AWA explained the program and said there is a lot of equipment to loan right after Field Day

New members: Kimberly Associate member

Guests: none

Program Announcement: Brian N6IIY will present Field Day

NET CONTROL: The following members are the net control stations for

June 11 – Iola KK6HRE
June 18 – Dan KK6VIQ
June 25 –John WB6FRZ
July 2 – Joe K6AWA

Announcements etc: Doug had a QSO on 40M with Fred AE6SF from Bozeman, Montana, on 40M, and relayed this to Joe K6AWA on the weekly 10M net.

Phil KF6GNH upgraded to General.

Darryl KI6MSP was in his new QTH for one month.

Iola noted she has QSO cards going back 5-7 years, and made them available to Dave who will put them in Short Skip. She has 7 boxes of slides that she will give to Mike AD6YB for archiving.
On 20M, Jim WA6QBU worked a person in Tasmania and encouraged all to not think the bands are "dead."

Ham of the Month: Randy AA6RH through John KE5RI: The next program in July will be Raspberry Pi in the ham shack by Bill KM6BYD. Randy presented the Ham of the Month to Carol KK6OLL for her dedication to the Field Day Barbeque.

Jim KI6REK announced that at 9:11 the International Space Station will be flying over and is visible with the naked eye.

Program: Field Day, Brian N6IIY

Why Do We Do Field Day? Because it's fun.

Brian reviewed the program for this year.

Carol reviewed meal plans for 5:00 PM and asked that people sign up on the website so she knows how many are eating. There will also be pizza Friday after setup.

John WB6FRZ reviewed the educational activity, making a 2M groundplane antenna available for $35. Please sign up on the club website.

===BREAK===

Approval of minutes: Mike AD6YB moved that the minutes from the May 1 meeting be approved, Aaron KK6ZDB seconded, and the motion was approved by voice vote.

...Minutes continued from page 10

REPORTS

Treasurer report: Iola KK6HRE. Aaron KK6ZDB reported that there was an audit last week and all went well. Iola reviewed the balances and reviewed the status against the budget.

Activities: no report

Community outreach: Darryl KI6MSP: The Vineman Triathlon is this Sunday and he needs one person to cover one spot. We have a new function, Tour de Cure, with slots open.
Education: no report

Merchandise: Dan KK6VIQ: The Halls store is open again and he noted that the prices were higher than he hoped.

Membership: Dan KK6VIQ: one new member tonight, 202 members total

Repeater: no report

DX Team: Doug KF6LMB: The Mini-DX is August 15-18 at AW Way Park in Humboldt County.

VE testing: Brian N6IIY: The next session is at Field Day

Public Service: Iola KK6HRE: Terrible Two is next Saturday, and there are plenty of shadow spaces

80th anniversary committee: More next month.

OLD BUSINESS None

NEW BUSINESS None

The meeting adjourned at 8:55 PM

Respectfully Submitted,
Bill Dornbush KM6BYD

Ham of the Month
Carol KK6OLL

SCRA HAM OF THE MONTH RECIPIENTS			
Year	Month	Name	Call Sign
2019	June	Carol	KK6OLL
2019	May	Randy	AA6RH
2019	Apr	John	WB6FRZ
2019	Mar	Erin	K6FRI
2019	Feb	Fred	AE6SF
2019	Jan	Dave	KI6UGB
2018	Dec	–	–
2018	Nov	Iola	KK6HRE
2018	Oct	Dan	KK6VIQ

SCRA BOARD OF DIRECTORS MEETING MINUTES

No Board meeting in June.

City of Santa Rosa

Proclamation

WHEREAS, Amateur Radio operators are celebrating over a century of the wonder of the human voice broadcast over the airwaves; and

WHEREAS, Amateur Radio has continued to provide a bridge between peoples, societies, and countries by creating friendships and the sharing of ideas; and

WHEREAS, Amateur Radio Operators have also provided countless hours of community services both in emergencies and to other local organizations throughout these decades; and

WHEREAS, these Amateur Radio's services are provided wholly uncompensated; and

WHEREAS, the State also recognizes the services Amateur Radio's people also provide to our many Emergency Response organizations, including Sonoma County agencies ACS; and

WHEREAS, these same individuals have further demonstrated their value in public assistance by providing free radio communications for local parades, bike-a-thons, walk-a-thons, fairs, and other charitable public events; and

WHEREAS, the State of California and City of Santa Rosa recognizes and appreciates the diligence of these "hams" who also serve as weather spotters in the SkyWarn program of the US Government Weather Bureau; and

WHEREAS, Amateur Radio once again proved its undisputed relevance in the modern world in 2005 by providing emergency communications when other systems failed in the devastation of Hurricanes Katrina and Rita in the USA and in the Tsunami catastrophe overseas; and

WHEREAS, Amateur Radio provided radio support during the 2017 Wild Fires, and the Flooding of 2019; and

WHEREAS, the American Radio Relay League is the leading organization for Amateur Radio in the USA; and

WHEREAS, the ARRL Amateur Radio Field Day exercise will take place on June 22-23, 2019 and is a 24-hour emergency preparedness exercise and demonstration of the Radio Amateurs' skills and readiness to provide self-supporting communications without further infrastructure being required; and

WHEREAS, Sonoma County Radio Amateurs is celebrating 80 years of service to Santa Rosa.
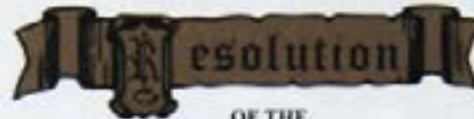
NOW, THEREFORE, BE IT RESOLVED, that, I Tom Schwedhelm, Mayor of the City of Santa Rosa, on behalf of the entire City Council do hereby proclaim June 17-23rd, 2019 as

AMATEUR RADIO WEEK

Mayor Tom Schwedhelm
June 18, 2019

Dated: June 22, 2019

Resolution

OF THE

BOARD OF SUPERVISORS

OF THE

COUNTY OF SONOMA, STATE OF CALIFORNIA
RECOGNIZING JUNE 17TH-23RD AS AMATEUR RADIO WEEK

Whereas, Amateur Radio operators are celebrating over a century of transmitting the human voice over the airwaves and the Sonoma County Radio Amateurs is celebrating 80 years of service to Sonoma County; and

Whereas, Amateur Radio has continued to provide a bridge between peoples, societies and countries by creating friendships and the sharing of ideas; and

Whereas, Amateur Radio Operators have provided countless hours of community services both in emergencies and to other local organizations throughout the decades, wholly without compensation; and

Whereas, the State of California also recognizes Amateur Radio Operators who provide service to our many Emergency Response organizations, including Sonoma County's Auxiliary Communications Service (ACS); and

Whereas, Amateur Radio Operators have further demonstrated their value in public assistance by providing free radio communications for local parades, bike-a-thons, walk-a-thons, fairs and other charitable public events; and

Whereas, the State of California recognizes and appreciates the diligence of these "hams" who also serve as weather spotters in the SkyWarn program of the U.S. Government Weather Bureau; and

Whereas, Amateur Radio once again proved its relevance in the modern world by providing emergency communications when other systems failed in the devastation of Hurricanes Katrina and Rita in the U.S.A. and in the Tsunami catastrophes overseas; and the Northern California wild fires of 2017, and the flooding of the Russian River in 2019; and

Whereas, the American Radio Relay League (ARRL) is the leading organization for Amateur Radio in the U.S.A.; and

Whereas, the ARRL Amateur Radio Field Day exercise will take place on June17th-23rd, 2019 and is a 24 hour emergency preparedness exercise and demonstration of the Radio Amateurs' skills and readiness to provide self-supporting communications without further infrastructure being required.

Now, Therefore, Be It Resolved that the Sonoma County Board of Supervisors does hereby officially recognizes and celebrates June 17th-23rd, 2019 as Amateur Radio Week.

Supervisor Susan Gorin

Supervisor Shirlee Zane

Supervisor Jim Gore

Supervisor Lynda Hopkins

Supervisor David Rabbitt, Chair

S.C.R.A. 80TH YEAR ANNUAL PICNIC

SUNDAY, AUGUST 11, 2019

HOWARTH PARK, SANTA ROSA

Noon—4PM

Fox Hunt at 1:00 pm ~ Eat at 2:00pm

Enjoy: Fishing, Boating, Tennis, Fox Hunt, Comradery

ALSO ~ for the entire family: Train Rides, Carousel, Jump House, Animal Barn.

NO CHARGE ~ Just bring a dish / appetizers, salad, desert

SCRA will provide ~ Deli Sandwich Platters, Rolls & Condiments

Water, Tea, Lemonade, Stella Artoise

Go to www.sonomacountyradioamateurs.com and sign up with your choice of dish

Howarth Park , Cypress A & B ~ Summerfield Road, Santa Rosa, CA

Field Day 2019

If you missed Field Day 2019, you missed a lot! We had a lot going on and fortunately a lot of folks to make it happen. My thanks to all those of you who participated!

Setup started Friday afternoon. We were a little short-handed on folks to help set up the crank-up tower, so that task took longer than expected. Also, one of our antennas, the fan dipole, was AWOL. No matter; we substituted the G5RV for it. But most everything else went according to plan.

The last antenna, a 40m/20m dipole, went up first thing Saturday morning. With all the coax cables run between antennas and stations, we were ready to go. The GOTA station was working solely from solar power. We had a short meeting at 10:30am, 30 minutes before "go-time" to go over last-minute changes and set a few ground rules.

Shortly before the start, Roni Berg came to present to us the Resolution of the Sonoma County Board of Supervisors, recognizing the week of June 17th through June 23rd as Amateur Radio Week and recognizing SCRA's 80 years of service to Sonoma County.

A similar Resolution was presented to SCRA earlier that week by the Santa Rosa City Council.

Once operating began, and we dealt with some interstation interference issues, it was off to the races. All stations out-performed last year by a significant margin. See table below.

Station	2018	2019	Percent Increase
CW	192	326	69.8%
Phone	161	186	15.5%
Digital	88	174	97.7%
GOTA	0	13	No log for 2018
Total	441	699	58.5%

I didn't think the digital station would be on the air as much as it was. If they intend to put in as many hours next year, we'll have to arrange better accommodations! That's a good problem to have. I think Nick Brennan, KD7YDD wins the "BIC" ("Butt in Chair") award for FD2019.

Saturday afternoon was very busy. In addition to the operating, we had an amateur radio exam session. Four candidates earned their Tech license and two of them proceeded to make contacts at our GOTA station.

The Educational Activity of building and testing 2m ground plane antennas went smoothly. All antennas tested out very well and I'm sure those that took one of these beauties home with them will put them to good use. Great design by John Breckenridge, WB6FRZ.

For several years, we discussed staffing a Tech Bench, and Ibrahim Sial, K2IBE, took the responsibility of pulling it together this year. It was focused on learning how to solder, but was also used to help make some last-minute repairs to the digital station's SDR.

Dinner Saturday evening was excellent. No one went away hungry and there was plenty of food left over. Great work by Carol Lucic, KK6OLL and her team.

Operating continued into the evening hours. Nick, N1CKA and Erin, K6ERI tried several times to make a satellite contact and at around 10:35 pm, they finally succeeded. They actually made two contacts on that pass via AO-92, but QRM prevented a complete exchange with the first contact. The contact with K6MI, 1A SCV, was successful. That was a well-earned 100-point bonus.

Operating continued Sunday morning. We did have a hiccup with the 3kW generator. No matter; we swapped in a 2kW generator for the last three hours of the event.

Teardown started almost immediately after 11:00am Sunday. We took a short break at about 12:30 for some watermelon (Thanks to John, WB6FRZ) that really hit the spot.

...Field Day continued from page 15

Most of us left the park by 1:45pm.

We had borrowed three canopies from the Santa Rosa Cycling Club (SRCC) and there was a bit of a mix-up as to which ones were returned to SRCC. It took two tries, but we eventually got it all straightened out! Our thanks to the SRCC for the loan and especially their patience in getting the correct ones returned.

Now, all that's left is the debrief session. If you have any comments on how to make Field Day better, please e-mail them to me. I hope to have the debrief session scheduled sometime in mid- to late-July.

Again, thanks to all those of you that helped make Field Day 2019 a success.

73,
Brian Torr, N6IIY
SCRA Field Day Chairman

Photos by Philip KF6GNH

The "Before" picture

Friday - the antennas go up

Got the switchboard, but no Lily Tomlin

Digital

Merchandise

Information please

Shhh ... CW

Satellite

Single Side Band (Voice)

Get On The Air (GOTA)

Good Eats!

Got his license 10 mins. ago, making contacts
on GOTA

KG6JSL's Field Day Ride

Dog Tired - The End

Sonoma County Radio Amateurs, Inc.
PO Box 116, Santa Rosa, CA 95402
(Please print & fill out the form and mail it in with your check payable to SCRA.)
(Please check all ✓ that apply)

Date: _____   New Member: ⬭   Renewal: ⬭
1) Name: _____   Call Sign: _____   License Class: _____
Address: _____   City: _____   Zip: _____
Cell Phone: _____   Home Phone: _____
Email: _____   Show contact info in Roster: ⬭
ARRL Member: ⬭

SCRA Dues: The renewal date for SCRA dues is January 1st. Dues are $20/year for individual,
$30/year for families, and $15/year for youth (under 18).

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* Prorated Dues for <u>New Members Only</u>: Reduced dues after the 1st quarter.
2nd Quarter April–June: $5.00 off ▬ 3rd Quarter July–September: $10.00 off
4th Quarter October–December: Pay the yearly dues for next year and get the rest of this year free.

Family Membership Members:

2) Name: _____   Call Sign: _____   License Class: _____
Address: _____   City: _____   Zip: _____
Cell Phone: _____   Home Phone: _____
Email: _____   Show contact info in Roster: ⬭
ARRL Member: ⬭

3) Name: _____   Call Sign: _____   License Class: _____
Address: _____   City: _____   Zip: _____
Cell Phone: _____   Home Phone: _____
Email: _____   Show contact info in Roster: ⬭
ARRL Member: ⬭

4) Name: _____   Call Sign: _____   License Class: _____
Address: _____   City: _____   Zip: _____
Cell Phone: _____   Home Phone: _____
Email: _____   Show contact info in Roster: ⬭
ARRL Member: ⬭

I would like more information about:
⬭ a) Public Service Events   ⬭ f) Training Classes
⬭ b) Field Day (4th Saturday in June)   ⬭ g) VE License Exams
⬭ c) Contesting & DXing   ⬭ h) Field Trips
⬭ d) Emergency Services   ⬭ i) Short Skip Newsletter
⬭ e) SCRA Net Control   ⬭ j) SCRA Committees
⬭ f) SCRA Loaner Radio Program   ⬭ k) Other _____

SCRA Dues: Individual $20, Family $30, Youth (under 18) $15 (*see Pro-Rated Dues above) $ _____
Name Badge: $10 each   Please circle clasp type, either Clip or Magnet. $ _____
1) Call Sign: _____   First Name: _____   City: _____   Clip or Magnet
2) Call Sign: _____   First Name: _____   City: _____   Clip or Magnet
3) Call Sign: _____   First Name: _____   City: _____   Clip or Magnet
4) Call Sign: _____   First Name: _____   City: _____   Clip or Magnet
SCRA Logo Patch: $5 each $ _____
SCRA Logo Decal: $2 each $ _____
Please make check payable to SCRA.   Total Amount Due: $ _____

Version: 3/28/2019

SHORT SKIP ARCHIVES AVAILABLE

Mike, AD6YB, has set up archives for past and present issues of Short Skip. They are available on the Website, log into Members Area, Short Skip, click on the first sentence. Mike has scanned in the old paper issues and it is really interesting to browse through them to see what those guys were doing. There are historical photos as well. An important record of our history and ham radio in general. Good Stuff.

(Click Me)

DIDN'T FIND WHAT YOU NEEDED?

If you are looking for something more on a topic or your topic of interest hasn't been covered lately, let us know. Something you'd like to see in Short Skip?

Contact the editor, shortskipeditor@gmail.com or for general questions and /or suggestions, k6son@arrl.net

SHORT SKIP NEEDS YOUR INPUT

SHORT SKIP ARTICLES WANTED

Dave, KI6UGB, our Short Skip editor is always looking for articles of interest. They can be technical, a good (or bad) experience that other members may learn from, hints or kinks that worked for you in solving a problem, or just about anything ham radio related. Send your contributions to Dave at shortskipeditor@gmail.com