



CLUB STATION
K6SON

Short Skip

The Newsletter of

Sonoma County Radio Amateurs, Inc.

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<http://www.sonomacountyradioamateurs.com>

Repeaters:

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441.375+ 88.5



REPEATER STATION
W6SON

Volume 43, Number 8

August 2018

KPH Night of Nights



KPH'S NIGHT OF NIGHTS

Every July 12 from 3:00 PM until midnight the Maritime Historical Radio Society fires up historical radio station KPH to commemorate the last commercial Morse code transmission in the US. The station operated from 1913 until 1999. During that period the station provided point to point communications around the Pacific rim, and ship to shore communications, carried the original message of the attack on Pearl Harbor.

The station provides a marvelous look at historical radio, from back in the day when real radios had tubes, big tubes, as well as its transition through the years to modern equipment.



The public is invited to visit the station and amateurs are invited to operate under the station's amateur call sign of K6KPH. The station is also open most Saturdays from noon until 5 PM. Observed at this year's Night or Nights were SCRA members Pat, KG6JSL, Fred, AE6SFS, Ed, W1EJ, Darryl, KI6MSP, and Jeff, KI6PBF, and there were other members as well whose names and calls I cannot remember.

[Continued on page 6...](#)



The Making of a General

A Short Detour

Have you ever considered the monumental advancements in radio technology that has provided us with the A.M. voice modulation modes that we take for granted. When we as Amateur radio operators fire up our state of the art HF transceiver and tap either the USB/LSB or AM soft keys in preparation for go on the air ever consider how we arrived at this point?

Well here is a short over view.

A.M. voice came about because of the driving curiosity and relentless hard work of a not too well known inviter by the name of Reginald Fessenden with the help of his assistant on December 24th 1906 presented the world's first radio broadcast. By placing a carbon microphone in series with the antenna lead from "a new HF alternator" operating at somewhere between 50 and 100 kHz and speaking very loudly into the microphone A.M. radio made its official debut. Talk about revolutionary, BUT this technology was not available to radio amateurs of the day, considering that long wave spark transmitting was king of the air ways and the learned minds of the day considered A.M. voice implacable.

For the fact check junkies look up, Fessenden and the EARLY HISTORY OF RADIO SCIENCE, by John S. Belrose, The Radioscientist-volume 5, number 3, September 1994.

We radio amateurs had to wait until the 1920's for another sharp individual that I do not have the name of, figured out how to turn a vacuum tube into an R.F. oscillator which used some type of L/C tank circuit to generate a not too stable carrier frequency in the 200 meters and below bands. Which by was the place in the R.F. spectrum that we as amateur radio operators were not supposed to be able to get out of own back yards on.

So now we have the birth of the H.F. CW transmitter, they were crude, unstable and lethal but we were on the air.

My speculation is that some adventurous sole following in Fessenden's foot steps may have connected a carbon microphone, usually liberated from the nearest pay phone, in series with the antenna lead from his or her tube type power oscillator and behold

A.M. voice modulation, along with R.F. burns on

whatever body parts that came in contact with the metal parts of the microphone along with a major shift in carrier frequency due to the addition microphone itself.

Eventually somebody figured out that if you inductively couple your carbon microphone into the tank circuit the power oscillator, its frequency would remain as stable as an L/C oscillator of the day could be, and now we have LOOP MODULATION. On the other hand the R.F. burn issues still persisted but at least only the operators on your frequency would hear you scream when you got zapped.

Fact check the photo and accompanying text for loop modulation on <http://amfone.net/Amforum/index.php?topic=35343.0>

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AUGUST PROGRAM

MOBILE RIGS

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>

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Vice President	Joe Fortuna	K6AWA
Secretary	Steve Bouchard	KK6VMZ
Treasurer	Aaron Marroquin	KK6ZDB
Director	Fred Seitel	AE6SF
	Jeff Tonelli	KI6PBF
Past President	Iola Beckley	KK6HRE

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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 News-line, the amateur radio community news service.

Anyone wishing to work as net control should contact lola 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 New 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.

New! 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.



Weekly SBARA Youth Net New Day and Time!

- For young people 18 and under
- Licensed youth or youth with a licensed control operator are welcome to check-in
- Check-in via EchoLink, if you are outside of the area
- Adults can check-in towards the end of the Net to answer questions and mentor the youth.

Please join our new, 13-year-old net control operator, Truman Lindsey, KM6AQS, and help us grow this important Net for young hams!

- SBARA Youth Net
- Every Tuesday evening, 6:30pm (1830), PACIFIC
- N6NFI repeater, Palo Alto, CA (145.230 MHz, -600 kHz, PL 100 Hz.)
- EchoLink Station: KR6DD-R

Steve Wilson KG6HJU
South Bay Amateur Radio Association
Fremont, CA
kg6hju@arrl.net

2018 SCHEDULE OF EVENTS

Check the [Club website](#) for details

Sat/Sun 8/3,4 Sonoma County Fair	Outreach
Sat 8/12 Tour d'Organics	Bicycle
Thu 8/16 Mini-DX (8/16-8/18)	Camping
Sat 8/25 Tour De Fox	Bicycle
Sat 9/15 VE Testing	Education
Sat 9/22 Waves to Wine	Bicycle
Sat 9/22 PCAM (Wings over Wine Country)	Public Info
Sun 9/23 Waves to Wine	Bicycle
Sun 9/23 PCAM (Wings over Wine Country)	Public Info
Sat 10/6 Levi's GranFondo	Bicycle
Sat 10/20 JOTA (Jamboree On The Air) On the Air	
Sat 10/27 Bay Area Science Festival	Outreach
Sat 11/17 VE Testing	Education

Membership Map -New website feature
Click to try it.

Membership Map

[Click here for an interactive online map of SCRA members.](#)



Public Service Events for August:

The Sonoma County Fair – August 3d & 4th, led by Darryl, is in serious need of volunteers. We need to pay our own parking, but the club will reimburse you for the expense. Entrance to the fair is free. Please reconsider and sign up to help Darryl. You can have a lot of fun talking to fairgoers about your hobby. Darryl has all the materials, you just have to show up and talk to folks. (Darryl could use help setting up and breaking down, as well).

Tour d'Organics - August 12th, is in need of one more Net Controller. Joe and I are co-CommBosses as Joe will not be able to work the event until late Sunday. I will be there all day and will be backup Net Control. The one spot left would be a great spot for a ham who is new to Public Service Events and wants to experience the Net Control spot of a laid-back event. We need a couple of Water Stop controllers, one of them is at Peach Tree Farm. I would like to have someone take this spot so they can bring me a flat of those delicious peaches for making jam! Also need a couple more SAGS. New members ~ we can handle a couple more Shadows, so if you want to gain experience sign up and let me know what your desire is for working with a particular ham or in a particular spot.

Thanks for your generosity with your time and talents.

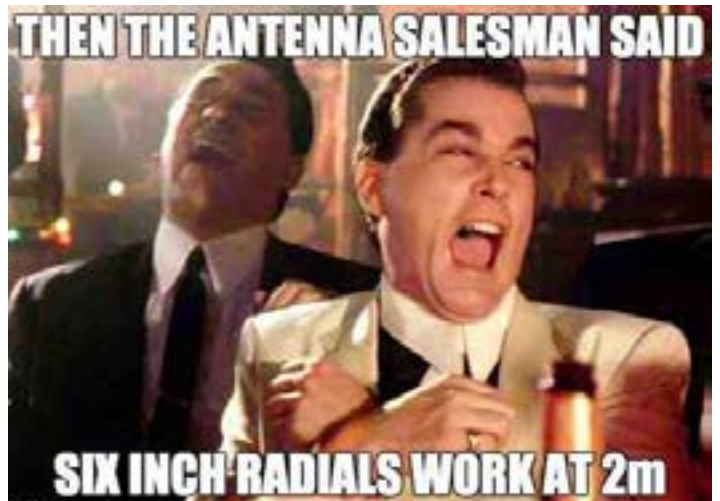
Iola kk6hre, Public Service Event Coordinator

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The station is located at 17400 Sir Francis Drake Boulevard and is on the route to the Point Reyes lighthouse. Watch for a cypress lined driveway on the right about a mile past the entry to Coast Guard station NMC. This is easy to find because these are about the only trees in the area. It makes a nice addition to a Saturday excursion out to the Point Reyes lighthouse and visitors center nearby for a nice day traveling the Sonoma Coast, and pick up some fresh oysters at the oyster houses along Tomales Bay.



More information can be found on the station's website at <http://www.radiomarine.org/gallery/show?keyword=kph> and the National Park's website at https://www.nps.gov/pore/planyourvisit/kph_treetunnel.htm





CONTEST CORNER

Greetings all and welcome again to Contest Corner. Did we have enough fun in July practicing our contesting skills or are we looking for more? Well get ready for August, another contest packed month. Before we sit down and turn on that radio let's review some important skills that will help you get some contest Q's in the log.

Be able to copy your call sign when you hear it wherever you are. That is your identification in the amateur radio world. NATO phonetics? Make sure you know a KM is a Kilo Mike before you start with the cute phonetics on the air while contesting or in general for that matter. Get all 26 letters of the alphabet down and be able to send and copy all phonetically using proper NATO phonetics. Educate other hams who may need a refresher update. For cw record your call and play it back over and over until you can copy at most any speed. Listening is really the key to it all. The digital folks send that exchange concise and accurate without using phonetics.

Here we go with logging again. Paper logs work and will record your Q's as accurate as you are with the input. Work a few contacts and there you have it! Run a frequency and you might want to try and find a simple logging software that will work for you. And after all is said and done your logged entries can go to LoTW. Say what? Yes that would be the ARRL's Logbook of the World. Virtually the entire contesting world has LoTW set up under their call sign(s). It is the recognized verified log used to apply for WAC, WAS, WAE, DXCC, FFMA, or any other ARRL award based on specific logged contacts. Many hams use LoTW just for their official logging record of choice.

The upside is that LoTW is available from the ARRL at no cost to a licensed ham. The downside is that getting it set up can be more work than some are willing to put up with. Contact a ham who uses LoTW and ask them to help you with your individual setup. Another free electronic logging service is eQSL. Not as universally accepted as LoTW but a capable logging record nevertheless.

This month will give you the North American QSO Party with the cw version on the 4th, and then on the 18th the ssb shows up. Also known as NAQP these two contests are very popular and fun with a short exchange to keep things rolling along. You can also try your digital skills with the ARRL Rookie Roundup, RTTY on the 19th. How about contacting Hawaii? The Hawaii QSO Party will get you there. Try scaling back on the power and Run for the Bacon on the 20th if you are a cw op, courtesy of the Flying Pigs Qrp Club, International. Their motto - "No Rules, No Dues, Just Fun, and if we don't like it, we fix it!"

The usual suspects are here again in August for other contesting choices.

As always listen first, get everything right before transmitting, then listen again; the mark of a good operator.

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

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

72/73,
NQ6E

For additional contest calendars and resources check:
[SM3CER Contest Service](#)
[ARRL Contests Page](#)
[Contesting.com](#)



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

Contest Corral

August 2018

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 Date-Time	Finish Date-Time	Bands	Contest Name	Mode	Exchange	Sponsor's Website
2 1700	2 2100	28	NRAU 10-Meter Activity Contest	CW Ph Dig	RS(T), 6-char grid square	www.nrau.net
2 1900	2 2100	1.8-28	SKCC Sprint Europe	CW	RST, SPC, name, mbr or power	www.skccgroup.com
4 0001	5 2359	28	10-10 International Summer Contest, SSB	Ph	Name, mbr or "0," SPC	www.ten-ten.org
4 1200	4 2359	1.8-28	European HF Championship	CW Ph	RS(T), 2-digit year first licensed	lea.hamradio.si/sc
4 1400	4 1800	144	WAB 144 MHz Low-Power Phone	Ph	RS, serial, WAB square or country	wab.intermip.net
4 1800	5 0559	1.8-28	North American QSO Party, CW	CW	Name, state/DC/province/country	www.ncjweb.com
4 1800	5 1800	222 and up	ARRL 222 MHz and Up Distance Contest	CW Ph Dig	6-char grid square	www.arrl.org/222-mhz-and-up-distance-contest
5 1400	5 1700	3.5-14	SARL HF Phone Contest	Ph	RS, serial	www.sarl.org.za
7 0100	7 0300	3.5-28	ARS Spartan Sprint	CW	RST, SPC, power	arsqrp.blogspot.com
11 0000	12 2359	3.5-28	WAE DX Contest, CW	CW	RST, serial	www.darc.de
11 1200	12 2359	1.8-50	SKCC Weekend Sprintathon	CW	RST, SPC, name, mbr or "none"	www.skccgroup.com
11 1600	12 0400	1.8-432	Maryland-DC QSO Party	CW Ph Dig	Entry class, county or SPC	www.w3vpr.org
11 2200	13 2200	144	MMMonVHF/DUBUS 144 MHz Meteorscatter Sprint	CW Ph Dig	Signal report	www.mmonvhf.de/ctestinfo.php
13 0000	13 0200	1.8-28	4 States QRP Group Second Sunday Sprint	CW Ph	RS(T), SPC, mbr or power	www.4sqrp.com
15 0030	15 0230	3.5-14	NAQCC CW Sprint	CW	RST, SPC, mbr or power	naqcc.info
18 0000	19 1600	3.5-28	SARTG WW RTTY Contest	Dig	RST, serial	www.sartg.com
18 0600	19 2359	10 GHz to light	ARRL 10 GHz and Up Contest	CW Ph Dig	6-char Maidenhead locator	www.arrl.org/10-ghz-up
18 0800	19 0800	1.8-28	Russian District Award Contest	CW Ph	RS(T), District code or serial	rdaward.org/rdac1.htm
18 1200	19 1200	1.8-50	Keyman's Club of Japan Contest	CW	RST, JA prefecture/district or continent code	www.kcj-cw.com
18 1600	18 1759	1.8-50	Feld Hell Sprint	Dig	RST, mbr, SPC, grid	sites.google.com/site/feldhellclub
18 1800	19 0559	1.8-28	North American QSO Party, SSB	Ph	Name, state/DC/province/country	www.ncjweb.com
18 2100	19 2100	3.5-28	CVA DX Contest, CW	CW	RST, station type	www.cvadx.org
19 1400	19 1700	3.5-14	SARL HF Digital Contest	Dig	RST, serial	www.sarl.org.za
19 1800	19 2359	3.5-50	ARRL Rookie Roundup, RTTY	Dig	Name, 2-digit year first licensed, state/province/XE area/DX	www.arrl.org/rookie-roundup
20 0100	20 0300	1.8-28	Run for the Bacon QRP Contest	CW	RST, SPC, mbr or power	qrptest.com/pigrun
22 0000	22 0200	1.8-28	SKCC Sprint	CW	RST, SPC, name, mbr or power	www.skccgroup.com
25 0400	26 0400	1.8-28	Hawaii QSO Party	CW Ph Dig	RS(T), HI QTH or SPC	www.hawaiiqsoparty.org
25 0600	26 0559	3.5-144	ALARA Contest	CW Ph	RS(T), "A" if member, name	www.alara.org.au/contests
25 1200	26 0300	1.8-50	WVE Islands QSO Party	CW Ph Dig	RS(T), USI/CISA island designation or SPC	usislands.org
25 1200	26 1159	3.5-28	SCC RTTY Championship	Dig	RST, year first licensed	lea.hamradio.si/sc
25 1200	26 1200	3.5-28	YO DX HF Contest	CW Ph	RS(T), YO county or serial	www.yodx.ro/en/english
25 1400	26 2000	3.5-50	Kansas QSO Party	CW Ph Dig	RS(T), county or SPC	ksqsoparty.org
25 1600	26 0400	3.5-28	Ohio QSO Party	CW Ph	RS(T), county or SPC	www.ohqp.org
25 2100	26 2100	3.5-28	CVA DX Contest, SSB	Ph	RS, station type	www.cvadx.org
25 2300	26 0300	50	50 MHz Fall Sprint	CW Ph Dig	4-char grid square	svhfs.org
26 1400	26 1700	3.5-14	SARL HF CW Contest	CW	RST, serial	www.sarl.org.za

All dates refer to UTC and may be different from calendar dates in North America. No contest activity occurs on the 60-, 30-, 17-, and 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 Membership Report

- The current SCRA membership stands at 186 members.
- We have welcomed two new members.
 - o Matias Santini KM6GWK (T)
 - o Carlos Gudino Associate Member
 - o Brad McCarty KM6UVO (T)
- Welcomed back 0 members.
- Recognized one call sign / license class updates.
 - o Michael Perkins AK6MP (E)
- 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.

SCRA Merchandise Report

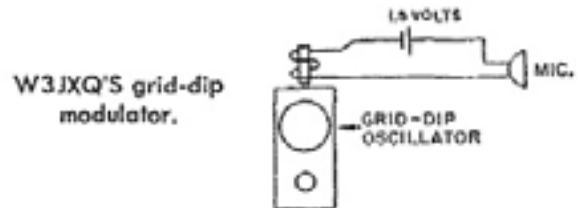
- After missing last month's meeting, I'll be back at the merchandise table at Wednesday's meeting. There's still a dozen \$10 SCRA Logo Caps and three of the new \$20 Dry-Mesh Polo shirts left; plus, the \$5 Field Day Special T-shirts continues through the summer.
- There will be a short presentation on a proposal to upgrade the SCRA Personalized Logo Safety Vest. Members will vote on whether to commit funds to a prepay account giving members the best price. The new vests would include pockets and a zipper closure.



...The Making of a General continued from page 2

LOOP MODULATOR

ONE of the oldest yet simplest methods of modulation is loop modulation. The prin-



ciple can be used to modulate a grid-dip meter for test purposes, as shown above. The microphone is a carbon type.

— E. Dan Leibensperger, W3JXQ

The next major step forward occurred some time in the early 1930's when [Raymond A. Heising](#), a engineer at Bell Labs who devised a type of amplitude modulation based upon the use of a very large reactor which is referred to as Heising modulation, but is actually constant current modulation.

A little word to all of you shade tree engineers, do not confuse a modulation reactor with the reactor choke found in most tube type power supplies. Their construction techniques are completely different and not interchangeable.

These large reactors could range in size from 4 to 15 henries and are located between the high voltage for the R.F. final amplifier and the high voltage that feeds the final modulator stage. The constant current aspect of the design comes into play only in that the current from the high voltage power supply remains constant. The only drawbacks to Heising modulation are the size and weight of the reactor and that both the final R.F. stage and final modulation stage require very careful biasing to achieve linear operation to minimize distortion.

Fact check the January edition of QST page 31 titled The Pine board Project or Hiesing Modulation in WRL world radio laboratories' constant current....

The last major improvement for high power modulation for Amateur Radio came after World War II,

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when an abundance of military surplus modulators and modulation transformers ushered in conventional transformer-coupled modulation systems. Transformer modulation along with all the previous forms of modulation mentioned were intended to impress the human voice on the R.F. carrier at the transmitters output stage.

Then came single sideband, which meant that the days of plate or high level modulation were on there way out. Single sideband creates the A.M. signal at very low audio levels with a fair amount of complex circuitry well before the final R.F. output stage.

If you are just dying know how single sideband works spend some quality time in the A.R.R.L. Handbook.

Enjoy,
Jeff Tonelli
KI6PBF

SONOMA COUNTY RADIO AMATEURS

Monthly Membership Meeting

Thursday July 5, 2018

Call to Order: 1900 Hrs.

Board Members Present: John ke5ri,
Joe k6awa, Steve kk6vmz, Fred ae6sf,
Jeff ki6pbf, lola kk6hre. Quorum. Absent:
Aaron kk6zdb, Karen k6ksm

New Members: None

Guests: Richard k0bat, Larry k7ksw,
Steve w6ssp, Stan w6dhm, Cathy
Casteel, Michael Casteel, Carlos Guidino

Braggs: Skipped.

Net Control:

July 10: Gary km6cpu

July 17: Joe k6awa

July 23: lola kk6hre

July 30: Charlie kz6t

Program: History of Radio Station KPH,
by Richard Dillman w6awo

10 Minute break, 8:35 – 8:45

Accept Minutes of Previous Meeting:
Darryl ki6msp, 2nd Jeffki6pbf, Unanimous.

Officer & Chairperson Brief Report:

Activities: Jeff ki6pbf, nothing to report.

Public Service: lola reports that Tour
de Organics canceled by Organizer.

Remaining public service events still
need volunteers. Waves to Wine event
coming up then Levi Gran Fondo, sign ups
requested. See website.

Community Outreach: Aug. 3 + 4 Sonoma
County Fair. Club unanimously to pay
parking costs. B. of D. Mtg. decision. 25
August Tour de Fox, see website.

Education: Cornell, nothing to report.

Field Day: Brian, thanks to all who
participated & appears club will score
better than previous year. Please contact
Brian for feedback of any kind, n6iyy@arrl.
net.

Merchandise: Dan kk6viq absent. Per
lola going well. Merchandise ordered is
available for pickup.

Repeater Committee: Jack k6row absent.

Membership: July 1 rosters available.
Two versions sent to all members via
email.

Refreshments: Requesting feedback.

Respectfully submitted: Steve Bouchard,
kk6vmz

**SONOMA COUNTY RADIO AMATEURS,
INC.****Board of Directors Meeting**

July 11, 2018

Call to Order: 6:02 P.M.

Board Members Present: John ke5ri, lola kk6hre, Jeff ki6pbf, Fred ae6sf, Joe k6awa, Steve kk6vmz.

Absent: Aaron kk6zdb

Also Present: Charlie kz6t, Mike ad6yb, Brian n6iyy, Dan kk6viq, Darryl ki6msp.

Approval of Minutes: lola kk6hre moved, Jeff ki6pbf seconded, Dan kk6viq added approval acceptance of unanimous purchase of Microsoft License purchase. Motion passes.

Officer and Director Report: Aaron absent, per lola account are healthy.

Committee Reports and Business:

Activities: Jeff ki6pbf reports KPH visit tomorrow night.

Community Outreach: Darryl ki6msp reports need for sign-ups for Fair, Air Show and Waves to Wine same day conflict.

Membership: Dan kk6vqm: Per Karen k6ksm, Membership, 186 members.

Field Day: Brian, investigating equipment and needed repairs. To replace

connectors Brian reports \$60.00 cost and reimbursement. Steve kk6vmz made motion for same, Fred ae6sf and Jeff ki6pbf, passed unanimously. If filters need repair expected cost for sub-band is expected to be \$100.00 each. No action on filters.

Unfinished Business: Fred ae6sf, requests that SCRA publish all frequencies on website. Agreed unanimously.

New Business: Dan kk6vqm, proposes upgraded safety vests with zipper and pockets, to be brought to membership for vote re: customization.

John ke5ri, proposes ability to change and prioritize matters of membership meetings. John and lola propose donation to KPH, Marin Historical Society. Settled at \$200.00. Fred ae6sf and lola kk6hre, passed unanimously.

John ke5ri notified Joe k6awa that he will be absent at next month's meeting. Joe, V.P. to act as President.

Brian, Winter DX Field Day, Brian will make notification on Short Skip.

Adjournment: At 6:50 P.M., unanimous.

Respectfully Submitted: Steve kk6vmz

2018 Mini-DX Ops Plan

August 16, 17, 18

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 find an online 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 descent 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.
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 Walmart 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 descent into Honeydew.

Continued on page 13...

...Mini DX Ops continued from page 12

- 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 quiet 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 Accommodations

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.

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.

Station K6P (Darryl Paule) on the Air at the Sonoma County Fair Aug. 3-4

<https://www.arnewsline.org/s/Report2126.mp3>

In HAM Radio Newsline it was announced that K6P would be on the air Aug. 3,4.

<https://forums.qrz.com/index.php?threads/amateur-radio-newsline-report-2126-for-fri-day-july-27-2018.621997/>

SCRA 80th

1939



2019

Anniversary

▶▶▶▶ Logo Contest ◀◀◀◀

Back in 1939, a group of interested amateur hams organized the Sonoma County Radio Amateurs and became affiliated with the ARRL. Next year in 2019, we will be celebrating the 80th anniversary of our historic club.

To kick-off the celebration, we are beginning with a contest to design an 80th anniversary logo for use on SCRA publications, merchandise, and giveaways during the year.

Your design should communicate the years '1939–2019' and the 80th anniversary. Please submit your designs to the SCRA Merchandise Committee at danjdrummond@hotmail.com.

The contest will officially end on September 30th, 2018.



Sonoma County Radio Amateurs, Inc.
PO Box 116, Santa Rosa, CA 95402
 (Please print this, fill it out, and send it in with your check.)

Name _____ Callsign _____ License Class _____
 Mailing Address _____ Phone _____ Cell _____
 City _____ Zip _____ New Application _____ Renewal _____
 E-mail (if any) _____ Add to Roster (Yes)___ (No) ___

Please Send Short Skip & Roster to my E-mail address () YES! () No thanks

FAMILY MEMBERS, CALL SIGNS & EMAIL ADDRESSES:

1. Name _____ Callsign _____ License Class _____ Add to Roster (Yes)___ (No) ___
 E-mail _____ Short Skip & Roster to my E-mail address () YES! () NO

2. Name _____ Callsign _____ License Class _____ Add to Roster (Yes)___ (No) ___
 E-mail _____ Short Skip & Roster to my E-mail address () YES! () NO

3. Name _____ Callsign _____ License Class _____ Add to Roster (Yes)___ (No) ___
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4. Name _____ Callsign _____ License Class _____ Add to Roster (Yes)___ (No) ___
 E-mail _____ Short Skip & Roster to my E-mail address () YES! () NO

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).

PRO-RATED DUES for new members only: Reduce standard dues rate by \$5.00 per quarter. (ie. Second Quarter, April – June \$15.00; Third Quarter – July – September \$10.00; Fourth Quarter, October – December \$5.00 to end of December of current year or \$25.00 through December of the following year)

I WOULD LIKE MORE INFORMATION ABOUT:

() Public Service Events () Acting as club Net Control Station
 () ARES Emergency Services () Helping with VEC license exams
 () Taking a Novice or Technician class () Field day, other operating
 () Teaching a Novice or Technician class () Helping with *Short Skip* Newsletter
 () Taking an upgrade class () Other _____
 () Teaching an upgrade class

SCRA DUES: Individual \$20, Family \$30, Youth, under 18, \$15 + _____
Name Badge (complete info below) \$10 each Circle: Magnet or Clip attachment + _____

Name Badge Information Fill in exactly as you want it to appear on your badge.
 Callsign _____ First Name _____ City _____
 Callsign _____ First Name _____ City _____
 Callsign _____ First Name _____ City _____

SCRA Patch \$5/ea + _____
SCRA T-Shirt \$13./ea Size: s m l xl xxl + _____

Total: \$ _____

(Please make checks payable to **SCRA**. Send to SCRA, Box 116, Santa Rosa, 95402)



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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, shortskippeditor@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 shortskippeditor@gmail.com

