

CLUB STATION
K6SON

Short Skip

The Newsletter of

Sonoma County Radio Amateurs, Inc.

P.O. Box 116, Santa Rosa, CA 95402-0116 707-538-2931

<http://www.sonomacountyradioamateurs.com>

Repeaters:

English Hill: 147.315+ 88.5 / 224.180+ 88.5 /
441.375+ 88.5

Castle Rock: 147.315+ 156.7



REPEATER STATION
W6SON

Volume 41, Number 4

April 2016

FCC'S "PAPERLESS" HAM LICENSE DOCUMENT

By Dave Harrison W6IBC, SCRA Education Chair

For those of you who have recently passed the Technician Class license examination, congratulations, and welcome to the 21st Century where everything is going "paperless", whether with Smartphone payments at Starbucks or Macy's or for virtual bank deposits, among a wide variety of financial and business transactions. (How long has it been since your bank sent you your cancelled paper checks?) This ongoing evolution to a paperless world is something we probably need to get used to. And, according to the FCC, by going paperless with respect to amateur license documents, the FCC will save some \$304,000.00 per year.

Now, you should remember from the Tech License Class that your ham license is valid and in force and effect when your operator/station license grant appears in the FCC license database. No paper required, right? But, wouldn't it be nice to hang your license on the wall of your shack, and carry a pocket version in your wallet? You can, but it will take some on-line effort on your part.

On February 17, 2015, the FCC announced that it will no longer routinely issue paper license documents to Amateur Radio applicants and licensees. Under newly adopted FCC procedures, licensees will have to access their current official authorization via the Universal Licensing System, abbreviated "ULS". The ULS includes the FCC license database tab.

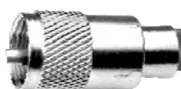
own unique FCC Registration Number (FRN) and a temporary password to access the Commission Registration System or CORES. In order to receive a paper license document you must first register on-line at the CORES window (search tip: "FCC CORES") and enter an account record with your name, address, a password of specific length and character types, and password clue, as called for by the screen.

Once you have registered at CORES, you leave the CORES page, and navigate to the logon page of the ULS (Search tip: "FCC ULS Logon"). Click the "New Users: Register" tab. Once the next window appears, enter your FRN and your new password that you just established at the CORES page. Once your ham radio record appears, you can set a "Paper Authorization Preference" to request delivery of paper license documents by mail. You can also request a duplicate copy of your current license at this FCC website.

Without signing in to your account on ULS, you can simply enter your callsign into the ULS database window, and click a tab requesting an electronic version of a "reference copy" of your license. The resultant downloaded image is not a valid license document, but it does reflect the same information and format as the official version of your license document would set forth.

New license applicants will receive in the mail their

Continued on page 2...





Paperless Ham License continued from page 1...

If you can't locate your temporary CORES password, or have other difficulties, or simply lack secure access to the internet, you must contact FCC Support as follows: Phone: (877) 480-3201 or TTY: (717) 338-2824 during office hours of Monday-Friday, from 8:00 AM to 6:00 PM Eastern Time (5AM to 3PM Pacific Time) (except Federal holidays). Or you can submit an eSupport Request at <http://esupport.fcc.gov/onlinerequest.htm>. I hope this explanation helps you set up your account with the FCC so that you will receive official paper or e-versions of your license document, depending on how you set up your delivery preferences when you're signed into your account at the ULS. Happy surfing the web and welcome to our paperless world.



USE OF PAYPAL

The Board of Directors is requesting that a minimum of \$5.00 be charged on the PayPal account. There is a fee that SCRA pays for each charge depending on the amount of the charge. For a \$1.00 charge the fee is \$.32, for a \$5.00 charge the fee is \$.41. We would appreciate it, if you could pay the club treasurer any cash payment of less than \$5.00 at the meeting for refreshments, dues, apparel, etc. or send a check to:

SCRA
PO Box 116
Santa Rosa, CA 95402.

Thank you.
Wells Wagner, Treasurer KK6EXC

MARCH TECH LICENSE CLASS SUCCESSFUL

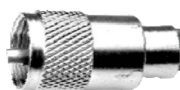
By Dave Harrison W6IBC, SCRA Education Chair

The March 2016 Technician Class, held on March 18-20 at the Graton Fire Protection District fire station proved to be very successful. All of the 16 students qualified for the Technician Class amateur radio license.

I would like to thank John WB6FRZ, Aaron KK6ZDB, and Dema KK6TAP for their stellar work as co-instructors for this class. The facilities were excellent for our class, and the Fire District personnel were very welcoming and supportive of our presence there. In fact, two of the Graton FPD fire fighters were in our class and qualified for their ham license.

Our thanks to Brian N6IIY and the entire VE team including Rick N6GY, Greg KB6M, Jim K6HKY, Terry K6TER, Doug KF6LMB and Tom AE6TB for their excellent work!

Our next Technician License class will be held on July 8-10 at a location to be announced. Check the SCRA website for updates.



PRESIDENT'S MESSAGE APRIL 2016

Happy Spring! What wonderful rain we had. I loved every minute of it.

SCRA is waking up from its winter slumber and heading into a very busy summer season with lots of Public Service Events, Member Activities, Educational, and Community Outreach opportunities.

We have seen six new members join SCRA since January 1: Michael Dranginis KC6SSE; Tom Boag AF6TB; Michael Cracchiolo KI6VIN; Troy Logan KE6NEB; Alan Schmidt KD6NT; Don Kittle KJ6ESD. Welcome to SCRA! Please let me know how we can make your membership worth your while. Any suggestions for additional training, or activities you would like to take part in, we will do our best to make it happen. Check out our web site ~ sonomacountyradioamateurs.com ~ for the lists of activities and events and sign up to help. If you are new, we will connect you with a seasoned ham to 'show you the ropes' and help you get your feet wet.

Our membership at this time is 130 members. We lost a few members who moved out of the area and more that have not renewed their membership. We certainly hope they will realize they have not renewed and will do so. One more reminder will be sent before they are dropped from the membership list.

Charlie Sikes KZ6T and his Public Service Team have been busy preparing for the many events we will assist with this year; Steve Bouchard KK6VMZ is busy keeping our meeting Programs running smoothly and finding us other clubs to exchange visits with; Shelley O'Connor KK6JXM and Mary Taylor KK6OVF have been busy fine tuning and releasing our 2016 Roster (which you should have in your hands); David Harrison KI6IBC and the Education Committee is busy with some extra work that I requested in the form of a Ham Radio Day with two training sessions ~ along with their already busy Tech Licensing classes; Shelley and our new Membership Committee is moving along with plans to greet new members and put refreshments out at our meetings; Darryl Paule KI6MSP has a full schedule of Community Outreach activities; Doug Payne KF6LMB and his DX Team are busy finding a place for the DX camping function; and the Repeater

group is keeping an eye on our Repeaters and planning on upgrades. All facets of the SCRA are actively doing what has been asked of them and more. During our heaviest rainy days, the Storm Watch group was checking in 3-4 times a day keeping all eyes on the flooding and road conditions throughout Sonoma County. All committees are open for new members to join so don't be bashful about asking if there is room for one more. I can't envision anyone saying no!!

Just so you all know I have been keeping a Net Check-in attendance list at every Tuesday night's SCRA Net. I am doing this because I want to acknowledge those who are most consistent with their checking in and being part of our radio readiness. By keeping our skills up, learning voice and call signs, we become more prepared for any emergency or disaster we may have. I have not yet decided how or what the actual recognition and rewards will be, but I have plenty of time to keep thinking about it. So stay tuned and checking in as there may be a gold star for you at the end of the rainbow.

73

Iola Beckley KK6HRE
SCRA 2016 President

APRIL MEETING PROGRAM

Digital Modes
Matt McCrary

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>

2015 Club Officers

President	Iola Beckley	KK6HRE
Vice President	Brian Torr	N6IY
Secretary	Dave Harrison	W6IBC
Treasurer	Wells Wagner	KK6EXC
Director	Joe Fortuna	K6AWA
	ShelleyRae O'Connor	KK6JXM
Past President	Patrick Coyle	KG6JSL

Committee Lineup/Contacts

Activities/Programs	Steve Bouchard, KK6VMZ	sb1112@outlook.com
Community Outreach	Darryl Paule, KI6MSP	ki6msp@arrl.net
DX/Contesting	Doug Payne, KF6LMB	dougpayne1@earthlink.net
Education	Dave Harrison, W6IBC	w6ibc@arrl.net
Emergency Services Liason	Pat Coyle, KG6JSL	coylaw@sonic.net
Field Day	Brian Torr, N6IY	n6iyy@arrl.net
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Refreshments	ShelleyRae O'Connor, KK6JXM	kk6jxm@cpr4biz.com
Repeater	Jack Christensen, K6ROW	K6ROW@sonic.net
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SCRA Web site	http://www.sonomacountyradioamateurs.com

Tuesday Night Net

Remember to check in to the SCRA net each Tuesday evening on the 147.315+(PL 88.5) repeater at 7:00 PM. Announcements are made of upcoming SCRA and other amateur radio activities in the broadcast.

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

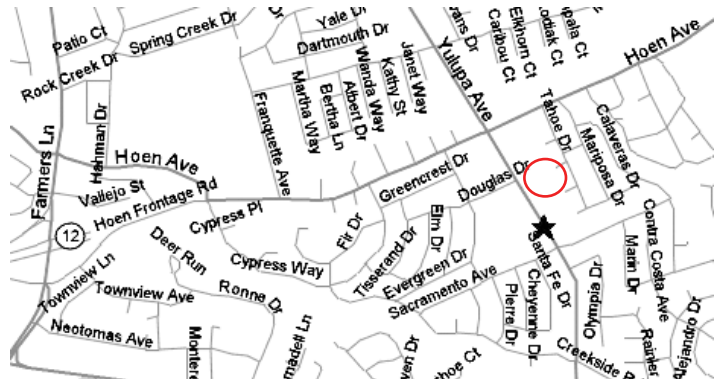
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SCRA Club Meetings

The club normally meets the first Wednesday of each month, socially at 6:30 pm, program starting at 7:15 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 may be 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 6:30pm.



SCRA LOANER RADIOS

SCRA has a Yeasu 2900 VHF radio available for use by members as a loaner. Contact Charlie, KZ6T, at charliesikes@me.com

UPGRADE TO GENERAL OR AMATEUR EXTRA CLASS

Get more privileges and enjoyment from your Ham Radio Hobby. Mentoring assistance is available. Contact Dave W6IBC, SCRA Education Chair, at 707-838-8155 or w6ibc@arrl.net.



John, WB6FRZ, has his Morse Code training net immediately following the Service Net, on the Club Repeater



10 Meter Net

There will be a net on 10 meters hosted by Joe K6AWA at 8:30pm (new time) following the regular SCRA net Tuesday nights. Set your dial to 28,402.00 SSB, USB. Please note that all license classes (including technician) are welcome.

2016 SCHEDULE OF EVENTS

Check the [Club website](#) for details

Fri, April 1 - Family Life Magazine Camping Expo
 Sat, April 2 - SoNoMas
 Sat, April 9 - Lake Sonoma 50
 Sat, May 7 - Wine Country Century
 Sat, May 7 - Human Race
 Sat, May 21 - Tour d'California. Club may not be sponsoring
 Sun, May 22 - Monte Rio Vineman
 Sat, June 4 - VE Testing
 Sat, June 18 - ARRL Kids Day
 Sat, June 18 - Terrible Two
 Fri, Sat, and Sun, June 25-26 - Field Day
 Sat/Sun July 16-17 Mendocino Rally Not a Club Sponsored Event
 July 22 - August 7 - County Fair
 Saturday, August 13 - Annadel XC
 Sun August 14 -Tour d'Organics
 Sunday, August 21 - Santa Rosa Marathon
 Sat, August 27 - VE Testing
 Sat/Sun Sept 24-25 - Waves to Wine
 Sat Oct 1 - Levi's Gran Fondo
 Sat Oct 15 - Jamboree on the Air (JOTA)
 Sat Oct 29 - North Bay Science Discovery Day
 Sat, November 12 - VE Testing

PCAM dependent upon independent insurance coverage

CALLING ALL SCRA YL's and XYL's

Would you like to get more comfortable with your radio & protocol?

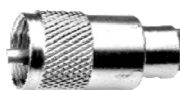
Would you like to get to know more female hams?

Would you be interested in starting a YL/XYL only net?

Would you be interested in having lunch to discuss the above possibilities and more?

If you answered YES to any of the above please contact SCRA's President, Iola kk6hre at K6SON@ARRL.NET. Plans will be made accordingly.

73





CONTEST CORNER by Kevin Alt, K6BSG

Hello testers. Many state QSO parties and a rare SSTC contest. Other highlights are the Japan DX CW contest, three separate VHF/UHF Spring Sprints, and a very interesting worked all provinces of China contest. Happy DX'ing!

2 Apr – LZ Open 40 Meter Sprint Contest – CW, 40 meters. See: lzopen.com/lzocc40/indexF.htm.

2-3 Apr – 15 Meter SSTV Dash Contest – SSTV, 15 meters. See: contests.wsstvc.org/rules.

2-3 Apr – Mississippi QSO Party – All modes, all modes. See: www.arrlmiss.org.

2-3 Apr – Missouri QSO Party – All modes, all modes. See: www.w0ma.org/mo_qso_party.htm.

2-3 Apr – SP DX Contest – SSB/CW, 160-10 meters. See: www.spdxcontest.pzk.org.pl.

2-3 Apr – EA RTTY Contest – RTTY, 80-10 meters. See: concurso.ure.es/en/earthy/bases.

3 Apr – North American SSB Sprint – SSB, 80-20 meters. See: ssbsprint.com/rules.

3 Apr – UBA Spring Contest - Phone/CW, 6 meters. See: www.uba.be/hf/contest-rules.

3 Apr – RSGB RoLo – SSB, 80 meters. See: www.rsgbcc.org/hf.

4 Apr – RSGB 80 Meter CW Club Championship – CW, 80 meters See: www.rsgbcc.org/hf.

5 Apr – ARS Spartan Sprint – CW, 80-10 meters. See: arsgrp.blogspot.com/2009/02.

6 Apr – UKEICC 80 Meter Contest – SSB, 80 meters. See: www.ukeicc.com.

7 Apr – SARL 80 Meter QSO Party – SSB, 80 meters. See: www.sarl.org.za.

7 Apr – NRAU 10 Meter Activity Contest – All modes, 10 meters. See: www.nrau.net/activity-contests.

9-10 Apr – JIDX Contest – CW, 160-10 meters. See: www.jidx.org/jidxrule-e.html.

9-10 Apr – PODXS 070 Club PSK 31 Flavors – Digital, 20 meters. See: www.podxs070.com.

9-10 Apr – OK/OM DX Contest – SSB, 160-10 meters. See: okomdx.crk.cz.

9-10 Apr – SKCC Weekend Sprintathon – CW, 160-6 meters. See: www.skccgroup.com.

9-10 Apr – New Mexico QSO Party – All modes, 160-6 meters. See: www.newmexicoqsoparty.org.

9-10 Apr – Georgia QSO Party – All modes, 160-6 meters. See: www.georgiaqsoparty.org.

9-10 Apr – Yuri Gagarin International DX Contest – CW, 160-10 meters. See: gc.qst.ru/en/section/32.

10 Apr – International Vintage Contest – SSB/CW, 80-40 meters. See: contestvintage.beepworld.it.

10 Apr – Hungarian Straight Key Contest – CW, 80 meters. See: hskc.ha8kux.com.

11 Apr – 144 MHz Spring Sprint – All modes, 2 meters. See: sites.google.com/site/springvhfupsprints.

13 Apr – NAQCC CW Sprint – CW, 80-20 meters. See: naqcc.info/sprint201604.html.

13 Apr – RSGB 80 Meter SSB Club Championship – SSB, 80 meters See: www.rsgbcc.org/hf.

15-16 Apr – Holyland DX Contest – All modes, 160-10 meters. See: iarc.org/iarc/#HolylandContest.

16 Apr – TARA Skirmish Digital Prefix Test – Digital, 160-6 meters. See: <http://www.n2ty.org>.

16 Apr – ES Open HF Championship – SSB/CW, 80-40 meters. See: www.erau.ee.

Continued on page 7...



Contest Corner continued from page 6...

16 Apr – Feld-Hell Sprint – Digital, 160-10 meters.
See: sites.google.com/site/feldhellclub.

16-17 Apr – Worked All Provinces of China – SSB/CW,
80-10 meters. See: www.mulandxc.org/331.

16-17 Apr – CQ Manchester Mineira DX Test – CW,
80-10 meters. See: www.cqmmdx.com/rules.

16-17 Apr – Nebraska QSO Party – All modes, all
bands. See: www.qcwa.org/chapter025.htm.

16-17 Apr – Michigan QSO Party – SSB/CW, 80-10
meters. See: www.miqp.org/Rules.htm.

16-17 Apr – EA-QRP Contest – CW, 80-10 meters.
See: www.eaqrp.com/index.php.

16-17 Apr – Ontario QSO Party – Phone/CW, 160-2
meters. See: www.va3cco.comoqp/rules.htm.

16-17 Apr – North Dakota QSO Party – All modes,
160-2 meters. See: w0nd.com/ndqso15.pdf.

16-17 Apr – YU DX Contest – CW, 160-10 meters.
See: yudx.yu1srs.org.rs/2015/rules.html.

17 Apr – WAB 3.5/7/14 MHz Data Modes – Digital,
80-10 meters. See: wab.intermp.net/Contests.php.

17 Apr – ARRL Rookie Roundup – SSB, 80-6 meters.
See: www.arrl.org/rookie-roundup.

18 Apr – Run For the Bacon QRP Contest – CW, 160-
10 meters. See: fpqrp.org/pigrun.

19 Apr – 222 MHz Spring Sprint – All modes, 1.4 me-
ters. See: sites.google.com/site/springvhfupsprints.

21 Apr – RSGB 80 Meter Data Club Championship –
Digital, 80 meters See: www.rsgbcc.org/hf.

23-24 Apr – Ten-Ten International Spring Digital Con-
test – Digital, 10 meters. See: www.ten-ten.org.

23-24 Apr – SP DX RTTY Contest – RTTY, 80-10 me-
ters. See: pkrv.org/strona,spdxrttyen.html.

23-24 Apr – Helvetia Contest – All modes, 160-10 me-
ters. See: uska.ch/agenda.

24 Apr – BARTG Sprint 75 – Digital, 80-10 meters.
See: www.bartg.org.uk.

27 Apr – SKCC Sprint – CW, 160-10 meters. See:
www.skccgroup.com.

27 Apr – 432 MHz Spring Sprint – All modes, 70 cm.
See: sites.google.com/site/springvhfupsprints.

27 Apr – UKEICC 80 Meter Contest – CW, 80 meters.
See: www.ukaiccc.com.

30 Apr – 1 May – Russian WW MultiMode Contest –
All modes, 160-10 meters. See: www.rdrclub.ru.

30 Apr – 1 May – Florida QSO Party – SSB/CW, 40-10
meters. See: www.floridaqsoparty.org.

For additional contest calendars and resources check:

[WA7BNM Contest Calendar](#)

[ARRL Contests Page](#)





Minutes, SCRA March 2, 2016, Membership Meeting

The March 2016 regular Membership meeting of SCRA was called to order by President Iola KK6HRE at 7:06 PM, following a 40 minute social hour. A quorum of members was present. After introduction of officers and directors, new members and guests were introduced, including Marcus KG6GHW, former member AL KD6MT and special guest Bill WX6B, president of Redwood Empire DX Association (REDEX) of Petaluma. Bill described his ham radio club as focused on High Frequency radio operation and contesting. He described his personal radios and high frequency antennas and towers at his home on Bennett Ridge. He invited our members to attend the REDEX meetings held on the Second Wednesday of each month at Boulevard Café in Petaluma with dinner at 6:30 PM, followed by a meeting including a speaker, typically focusing on DX operations and DXpeditions to remote operating locations.

This month's program featured Repeater Chair Jack K6ROW presenting the SCRA Repeater System, and Dave WA8YWQ presenting the newly activated WINLINK 2000 digital radio packet text message system. Jack focused on the digital aspects of the SCRA repeater system and demonstrated the Yaesu-Proprietary FUSION UHF repeater. Jack passed around a Yaesu FUSION handheld to those in attendance who listened to digital communications between Eric AA6EM and Charlie KZ6T. Jack explained FUSION repeater advantages as low cost, backwards compatibility with existing analog FM, easy digital setup, mixed modes, APRS and fixed image capability. Its drawback is that the FUSION coder-decoder (CODEC) technology is proprietary and is not compatible with the ICOM D-Star digital system. He also demonstrated our FM analog Internet Radio Linking Project (IRLP) node 7103 by making a connection from the meeting site to a null repeater at node 9990. He described node reflectors as multi-port nodes enabling multiple stations to connect and operate in a round-table manner. The SCRA website has IRLP instructions for use of node 7103.

Dave WA8YWQ described various digital text modes present on the ham bands and introduced the SCRA Winlink 2000 node now operational on 144.910 simplex. There are three layers to this system,. The first layer is a Client System (CS) assembled and operated by a ham radio operator. This system requires a VHF FM radio, a data interface (e.g. terminal node controller operating at 1200 baud) and a computer running Windows 7 or later operating system and RMS Express software. The second layer is a Radio Messaging System (RMS) which serves as a radio-internet gateway. The third layer comprises five Common Message Servers (CMS) which store and forward ham email messages onto the internet. Dave sent an email message to

Jack's cell phone, and Jack replied. While the exchange took several minutes, it was a very effective demonstration. Pat KB6KSA explained how off-shore sailors use high frequency ham radio digital communications to receive weather data during transit from the West Coast to Hawaii, for example. Dave W6IBC reminded that the ham email system can only be used for personal, non-commercial email.

Minutes of the February 2016 SCRA Membership meeting were approved on motion by John KE5RI, second by Pat JG6JSL. Treasurer Wells KK6EXC presented a report on the club's finances and a report by the Board recommending adoption of the 2016 budget. After a discussion, the 2016 budget was approved on motion by Darryl KI6MSP, second by Mike KC6UNA. Committee reports included a Public Service report by Fred AE6SF in place of chair Charlie KZ6T; an Education report by Dave W6IBC noting the upcoming Technician License class on March 18-20 and the Basic Radio class on March 26, and a report on the CW Class by John WB6FRZ; a Field Day report by Brian N6IYY who also included a VE report; an Activities report by Steve KK6VMZ suggesting we visit other ham clubs in our area; a High Frequency report by Doug KF6IMB on the mini-dxpedition to AW Way Park and a possible micro-dxpedition in Sonoma County; a Membership report by ShelleyRae KK6JXM noting a need for volunteers to help with refreshments and thanking volunteers who will help out with website maintenance. Kathy KK6KGW reported that merchandise is flying off the table. Outreach chair Darryl KI6MSP reviewed upcoming club outreach opportunities.

Net Control operators for March include:

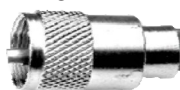
Dave W6IBC	March 8
Joe K6AWA	March 15
Cornell W6HMN	March 22
Darryl KI6MSP	March 29
Kathy KK6KGW	April 5

The April 2016 meeting will cover "Getting Ready for Public Service". The 2016 club membership roster is not yet ready. On motion by Kathy KK6KGW, second by Joe K6AWA, the club voted to drop the secondary web address of www.socoham.org.

With no further business the meeting adjourned at 9:15 PM.

Respectfully submitted,

Dave Harrison W6IBC
SCRA Secretary





Minutes-SCRA Board of Directors Meeting

March 9, 2015

The February 2016 Board of Directors meeting was called to order by President Iola KK6HRE at 6:30 PM at IHOP restaurant, 2745 4th Street, Santa Rosa, prior notice of time and location having been duly given to the membership. All 2016 SCRA Board members were present, including President Iola KK6HRE, Vice President Brian N6IYY, Treasurer Wells KK6EXC, Secretary Dave W6IBC, Director Shelley KK6JXM, Director Joe K6AWA and Past President Pat KG6JSL. Other members in attendance included Dan WA6CRB, Charlie KZ6T, Darryl KI6MSP, Jack K6ROW, Steve KK6VMZ, Jeff KI6PBF, Doug KF6LMB, and Fred AE6SF.

Minutes of the February 2016 Board Meeting were approved on motion by Brian N6IYY, second by Shelley KK6JXM.

Treasurer Wells KK6EXC reported that Lee KE6EAQ conducted a further audit but had not yet submitted a written report. After discussion, on motion by Pat KG6JSL, second by Shelley KK6JXM, the Board resolved to eliminate the PayPal collection account and directed the Treasurer to take all steps to cause PayPal receipts to be placed into the club general checking account, and that the PayPal collection account be closed after all funds have been transferred from that account to the general checking account.

Membership Chair Shelley KK6JXM reported that the club presently has 124 paid members. She circulated a proposed handout for new members, reported that there are 91 local ham radio nets, and suggested that new member orientation be conducted at each membership meeting. The release of the 2016 club roster in electronic format will occur by the end of this week. The member sign in log from each membership meeting should be directed to the Membership Committee rather than the Secretary.

Darryl KI6MSP renewed his discussion of various Community Outreach programs for 2016. On motion by Dave W6IBC, second by Wells KK6EXC, the Board approved adding the Human Race, the Amgen Tour and the Gran Fondo to the list of approved outreach club activities for 2016.

Activities Chair Steve KK6VMZ will poll the membership at the next meeting to determine interest in visiting other clubs in our area. The Board discussed the possibility of combining the Club Picnic with the Field Day Dinner. The matter was referred to Field Day Chair Brian N6IYY for follow up. Charlie KZ6T indicated he would not be able to present the April program. The Board asked Steve

KK6VMZ to see if Matt KJ6LJI can present the Digital Mode program at the April meeting.

Public Service Chair Charlie KZ6T reported that all public service events but three are on the club website.

Repeater Chair Jack K6ROW reported that he has ordered the replacement 220 MHz repeater, and that all repeater systems are working. The Board would like a WinLink 2000 guide to be added to the club website under the Repeaters/IRLP tab. A proposed Q and A draft received by Shelley KK6JXM from Dave WA8YWQ was given to Repeater Chair Jack K6ROW for further review and comment.

Field Day Chair Brian N6IYY reported that the City of Santa Rosa has provided an application for reservation and use of Youth Park, with specific insurance requirements. A Field Day planning meeting scheduled for this Saturday may have to be moved from Youth Park to an inside venue, because of the predicted rainy weather.

The Board set a goal of having Short Skip distributed to the members not later than the weekend before the next Membership meeting. The Board also would like to have a list of new members included in Short Skip.

The January 2016 Planning Meeting notes will be consolidated and distributed to those members who attended that meeting.

The Board decided that the door greeter at each membership meeting should be handled by the club Outreach Committee, led by Darryl KI6MSP.

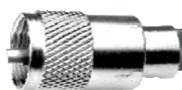
The Board discussed the idea of a club scholarship for a deserving young ham. Dave W6IBC agreed to look into that matter and report back to the Board.

The Board discussed moving the Board Meeting to the Wednesday of the week immediately before the week of the membership meeting, but took no action.

Darryl KI6MSP reported that Brookhaven School in Sebastopol is applying to host an ARISS Contact, and will follow up with Tim Bosma W6MU.

With no further business, the meeting was adjourned at 8:30 PM

Respectfully submitted,
David Harrison W6IBC
Secretary



Next Exam Session:

Our next exam session is scheduled for Saturday, June 4, from 9:00 am until noon. The location is to be determined. Walk-ins will be accepted and all test elements will be administered.

(http://www.sonomacountyradioamateurs.com/ve_testing.html).

Please arrive by 8:45am to be signed in. Testing will begin shortly thereafter.

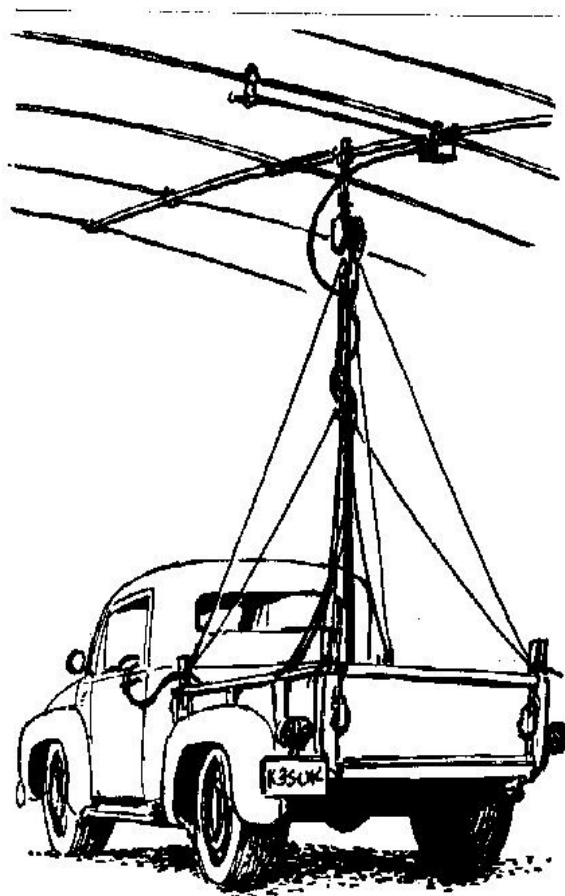
Candidates should bring the following:

- One (1) photo ID or two (2) non-photo ID
- FCC Registration Number (FRN, if you have one) or Social Security Number (if you do not have an FRN) If you have had any FCC license assigned to you, amateur or otherwise, or had any prior business with the FCC, you probably have an FRN.
- Original and photocopy of your current amateur radio license (if licensed)
- Original and photocopy of any valid CSCEs (if applicable)
- #2 Pencil and eraser
- \$15.00 exam fee. Checks may be made payable to "ARRL-VEC"

Calculators may be used, but it must be demonstrated that all memories and programs have been erased. The calculator function in a cell phone or PDA may not be used! If you have any special needs, please contact Brian Torr, N6IIY in advance.

Good Luck!

Brian Torr, N6IIY
n6iiy@arrl.net
(707) 575-5871



(NOT the tower described below.)

FOR SALE

40' heavy duty crank up US Tower with tilt mechanism. Great shape except it can use a new cable and winch. Has a Wilson Tribander and a 2m vertical antenna. There is a rotator on it but I don't have the control box any longer.

Asking \$450

Probably take 4 guys and a 6 pack of good beer. :) The tower is in Healdsburg

Bill Splaine, N6GHG
Santa Rosa, CA
707-321-1198



TO NET OR NOT TO NET WHEN? IS THE QUESTION

Darv KK6OVH, March 2016

The following is a list of nets that can be heard in Sonoma County with a modest antenna. A quick scan of the following ninety-one nets will show that they fall into two time periods: Primarily in the morning and early evening, with very few occurring in the 9-5 workday hours. Each listing gives information on the day, time, name or organization sponsoring the net, frequency, shift, PL and the approximate location of the repeater. Multiple repeaters are listed when they are linked, but only the ones close enough to Sonoma County are listed. To keep the list current, please send corrections &/or omissions to kk6ovh@gmail.com.

VHF & UHF Nets

An emergency in the Santa Rosa area activates the SCRA ARES Nets at four times daily: 10AM, 2PM, 6PM, & 10PM, until the emergency subsides.

- 147.315 (+), PL 88.5 - Sebastopol Linked
- 147.315 (+), PL 156.7 - Santa Rosa Linked
- 147.315 simplex first, then 147.450 simplex for backup

Sunday

9:30 AM, Bathrobe ATV Net - 147.060 (+), PL 100.0 - Mt Diablo

- W6CXatv.net/live (to view the streaming videos on a computer)

10:15 AM, MARS ARES - ACS Repeater 146.700 (-), PL 179.9 - Mt Tamalpais

5:00 PM, Get Ready Marin CERT Net 146.910 (-), PL 88.5 - Dylan Beach

6:00 PM, ARC Comm Net - 443.975(+), PL 100 (marginal quality)

6:00 PM, LDS Collaborative Net - 147.060 (+), PL 100 - Mt Diablo

- 441.325 (+), PL 100 Linked to 147.060

6:30 PM, Danville EmComm Net - 147.060 (+), PL 100 - Mt Diablo

- 441.325 (+), PL 100 Linked to 147.060

6:35 PM, ARC Disaster Comm Forum - 443.975(+), PL 100.0

11:00 PM, WIN System Insomniac Net - 90+ repeaters, cell phone & computer

- 147.120 (+), PL 103.5 - Willits
- 224.360 (-), PL 88.5 - Healdsburg
- 441.300 (+), PL 88.5 - Santa Rosa
- 441.675 (+), PL 100.0 - Sugarloaf / Napa
- 443.000 (+). PL 100.0 - Laytonville
- 444.750 (+), PL 123.0 - Hopland / Santa Rosa
- WINSystem Info is an app for iPhones; listen only
- iTunes on a computer, Internet 2560.mp3; listen only

Monday

5:42 AM, MDARC Morning Muster Net - 147.060 (+), PL 100 - Mt Diablo

- 441.325 (+), PL 100.0 Linked to 147.060

6:10 AM, MDARC 6:10 Net - 147.060 (+), PL 100.0 - Mt Diablo

- 441.325 (+), PL 100 Linked to 147.060

7:10 AM, 4C's Over the Hill Commuter Net - 145.110 (-), PL 82.5 - San Pablo

9:00 AM, FARS Talk Net - 145.230 (-), PL 100.0 - Palo Alto

6:00 PM, 1st Monday of even months, McARCS linked countywide repeaters

- 147.390 (+), PL 103.5

6:15 / 7:00 PM, Sonoma County ACS Quarterly EOC Test - 146.730 (-), PL 88.5

2nd Monday

7:00Jan, 6:15Mar, 7:00Apr, 6:15Jun, 7Jul,

6:15Sep, 7Oct, 6:15Dec

- 224.820 (-), PL 103.5; Quarterly checkins only

- 453.025 (+), PL 127.3; Sheriff 6; Quarterly checkins only

6:30 PM, Russian River Unit ACS Net 145.190 (-), PL 88.5 - Guerneville

Forestville, Graton, Guerneville, Monte Rio

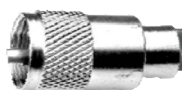
- 147.540 simplex

- 440.775 (+), PL 88.5

6:45 PM, Santa Rosa AECS / COPE - 146.790 (-), PL 88.5 - Santa Rosa

- 147.420 simplex backup

Continued on page 12...





TO NET... continued from page 11

7:00 PM, Sonoma County Wide ACS - 146.730 (-), PL 88.5 - Santa Rosa

- 147.480 simplex

- 146.565 simplex

~7:10 PM, Central County Unit ACS Net - 145.350 (-), PL 88.5 - Santa Rosa

Santa Rosa, Sebastopol

~7:15 PM, North County Unit ACS - 146.730 (-), PL 88.5 - Santa Rosa

Cloverdale, Healdsburg, Windsor

- 146.460 simplex

~7:15 PM, Sonoma Valley Unit ACS Net - 146.205 (+), PL 88.5 - Sonoma

Glen Ellen, Kenwood, Sonoma

- 147.480 simplex

- 146.565 simplex

~7:15 PM, South County Unit ACS Net - 146.910 (-), PL 88.5 - Petaluma

Cotati, Petaluma, Rohnert Park

- 145.170 (-), PL 88.5 Linked to 146.910

- 146.550 simplex

- 147.495 simplex

- 147.405 simplex

~7:30 PM, Tech Net - 146.910 (-), PL 88.5 - Petaluma

7:30 PM, SCRA ARES Net - 147.315 (+), PL 88.5 - Sebastopol

- 147.315 simplex then 147.450 simplex for backup

7:30 PM, BARC ACS Net - 442.750 (+), PL 100 - Benicia

- 441.250 (+), PL 100; used last Monday of the month

7:35 PM, Contra Costa Repeater Assoc Net - 145.490 (-), PL 107.2 Linked

- 145.410 (-), PL 107.2 - San Ramon Linked

- 147.735 (-), PL 107.2 - Concord Linked

7:30 PM, Benicia Amateur Radio Club - 441.250 PL 100.0

8:00 PM, SATERN, Concord - 147.060 (+), PL 100.0 - Mt Diablo

- 441.325 (+), PL 100 Linked to 147.060

8:00 PM, CDF Cal Fire Amateur Net - 147.180 (+), PL 151.4 - Mt St. Helena

- 441.900 (+), PL 151.4 - Mt St. Helena

8:30 PM, MVRC/YARS Roundtable Net - 147.000 (-), PL 136.5 - Mt Vaca

11:00 PM, WIN System Insomniac Net - 90+ repeaters, cell phone & computer

- 147.120 (+), PL 103.5 - Willits

- 224.360 (-), PL 88.5 - Healdsburg

- 441.300 (+), PL 88.5 - Santa Rosa

- 441.675 (+), PL 100.0 - Sugarloaf / Napa

- 443.000 (+). PL 100.0 - Laytonville

- 444.750 (+), PL 123.0 - Hopland / Santa Rosa

- WINSystem Info is an app for iPhones; listen only

- iTunes on a computer, Internet 2560.mp3; listen only

Tuesday

5:42 AM, MDARC Morning Muster Net - 147.060 (+), PL 100 - Mt Diablo

- 441.325 (+), PL 100.0 Linked to 147.060

6:10 AM, MDARC 6:10 Net - 147.060 (+), PL 100.0 - Mt Diablo

- 441.325 (+), PL 100 Linked to 147.060

7:10 AM, 4C's Over the Hill Commuter Net - 145.110 (-), PL 82.5 - San Pablo

9:00 AM, FARS Talk Net - 145.230 (-), PL 100.0 - Palo Alto

5:00 PM, MARS RACES Early Net - ACS 146.700 (-), PL 203.5

6:30 PM, ACS Net - 146.730 (-), PL 88.5; Linked to 147.975

7:00 PM, Bodega Bay Unit ACS Net - 147.975 (-), PL 88.5; Linked to 146.730

Bodega, Bodega Bay

- 146.670 (-), PL 88.5

- 145.350 (-), PL 88.5 linked to 146.670

- 146.205 (-), PL 107.2

- 146.415 simplex

7:00 PM, SCRA Service Net - SCRA Repeater - 147.315 (+), PL 88.5

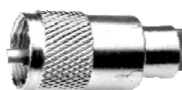
- 147.315 simplex first, then 147.450 simplex for backup

7:15 PM, MARS Club RACES - Southern Marin - 147.555 Simplex

7:15 PM, MARS Club RACES - Central Marin - 147.510 Simplex

7:15 PM, MARS Club RACES - Northern Marin - 147.585 Simplex

Continued on page 13





TO NET... continued from page 12

7:15 PM, MARS Club RACES - Western Marin - 147.330 (+), PL 179.9
 7:30 PM, MARS Club RACES Net - 146.700 (-), PL 203.5; K6GWE
 7:30 PM, QRM Net - 224.300 (-), PL 82.5
 ~7:40 PM, Code Practice Net - SCRA Repeater - 147.315 (+), PL 88.5
 8:00 PM, Petaluma Neighborhood Ham Net - 146.910 (-), PL 88.5 - Petaluma
 8:00 PM, Contra Costa Digital Practice Net - 224.780 (-), PL 77.0
 - 441.325 (+), PL 100.0
 11:00 PM, WIN System Insomniac Net - 90+ repeaters, cell phone & computer
 - 147.120 (+), PL 103.5 - Willits
 - 224.360 (-), PL 88.5 - Healdsburg
 - 441.300 (+), PL 88.5 - Santa Rosa
 - 441.675 (+), PL 100.0 - Sugarloaf / Napa
 - 443.000 (+). PL 100.0 - Laytonville
 - 444.750 (+), PL 123.0 - Hopland / Santa Rosa
 - WINSystem Info is an app for iPhones; listen only
 - iTunes on a computer, Internet 2560.mp3; listen only

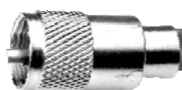
Wednesday

5:42 AM, MDARC Morning Muster Net - 147.060 (+), PL 100 - Mt Diablo
 - 441.325 (+), PL 100.0 Linked to 147.060
 6:10 AM, MDARC 6:10 Net - 147.060 (+), PL 100.0 - Mt Diablo
 - 441.325 (+), PL 100 Linked to 147.060
 7:10 AM, 4C's Over the Hill Commuter Net - 145.110 (-), PL 82.5 - San Pablo
 9:00 AM, FARS Talk Net - 145.230 (-), PL 100.0 - Palo Alto
 12:00 AM, 4th Wed, Bay Area Hospital Net - 147.060 (+), PL 100 - Mt Diablo
 - 441.325 (+), PL 100 Linked to 147.060
 6:45 PM, Contra Costa Co Red Cross Net - 145.490 (-), PL 107.2 - Orinda
 - 145.410 (-), PL 107.2 - San Ramon
 - 147.735 (-), PL 107.2 - Concord
 7:00 PM, Lake County ARES - 146.775 PL 103.5
 7:00 PM, Sheriff RACES Net, Alameda Co. - 147.240 (+), PL 107.2
 7:00 PM, NARC Net - 146.820 (-), PL 151.4; Linked 147.180 (+), 151.4 - Napa

7:00 PM, Santa Clara Hospital Net - 145.230 (-), PL 100.0 - Palo Alto
 7:30 PM, VOMARC Club - 145.350 (-), PL 88.5; except 3rd Wed
 7:30 PM, McARCS Countywide Regional Nets - 147.390 (+), PL 103.5
 - 145.470 (+), PL 103.5 Hopland, South County
 - 147.675 (-), PL 179.9 Upper Lake, Lake County
 - 147.270 (+), PL 114.8 Anchor Bay, South Coast
 - 147.390 (+), PL 103.5 Central County
 - 145.430 (-), PL 103.5 North County
 7:30 PM, LaMarinda Net - 145.410 (-), PL 107.2 - San Ramon
 8:00 PM, ARC of the Bay Area - 443.975 (+), PL 100.0
 8:00 PM, Walking Repeater Net - 145.555 Simplex; Willits, Len WA6KLLK
 11:00 PM, WIN System Insomniac Net - 90+ repeaters
 - 147.120 (+), PL 103.5 - Willits
 - 224.360 (-), PL 88.5 - Healdsburg
 - 441.300 (+), PL 88.5 - Santa Rosa
 - 441.675 (+), PL 100.0 - Sugarloaf / Napa
 - 443.000 (+). PL 100.0 - Laytonville
 - 444.750 (+), PL 123.0 - Hopland / Santa Rosa
 - WINSystem Info is an app for iPhones; listen only
 - iTunes on a computer, Internet 2560.mp3; listen only

Thursday

5:42 AM, MDARC Morning Muster Net - 147.060 (+), PL 100 - Mt Diablo
 - 441.325 (+), PL 100.0 Linked to 147.060
 6:10 AM, MDARC 6:10 Net - 147.060 (+), PL 100.0 - Mt Diablo
 - 441.325 (+), PL 100 Linked to 147.060
 7:10 AM, 4C's Over the Hill Commuter Net - 145.110 (-), PL 82.5 - San Pablo
 9:00 AM, FARS Talk Net - 145.230 (-), PL 100.0 - Palo Alto
 7:00 PM, McARCS YL Net - 145.470 (+), PL 103.5 Hopland
 - 147.675 (-), PL 179.9 Upper Lake, Joyce KJ6ZVS
 - 147.270 (+), PL 114.8 Anchor Bay
 6:45 PM, West CC County EmComm Net - 145.110 (-), PL 82.5
 7:00 PM, EmComm Net, Vallejo - 147.180 (+), 151.4; Linked 146.820 (-), PL 151.4
 7:00 PM, ACS NBARA Net 145.310 (-), PL 88.5 - Vallejo; Linked 147.180
Continued on page 14





TO NET... continued from page 13

7:20 PM, RACES Contra Costa County-Wide Em-Comm Net

- 145.410 (-), PL 107.2 - San Ramon
- 145.490 (-), PL 107.2 - Orinda
- 147.735 (-), PL 107.2 - Concord

7:30 PM, 4C's Net - 145.110 (-), PL 82.5

7:30 PM, Northern Calif Ham Kids Net, Petaluma - 146.910 (-), PL 88.5; Puns

- 145.170 (-), PL 103.5 - Scotia (All Linked)
- 145.170 (-), PL 88.5 - Pt. Reyes
- 145.470 (-), PL 88.5 - Pt Reyes
- 145.655 (-), PL 103.5 - Laytonville
- 146.955 (-), PL 88.5 - Ukiah
- 146.970 (-), PL 103.5 - Cloverdale
- 147.150 (+), PL 103.5 - Garberville

7:30 PM, McARCS Swap Net - 147.390 (+), PL 103.5 - Central County

- 145.470 (+), PL 103.5 - Hopland
- 145.130 or 145.555 simplex
- 147.270 (+), PL 114.8 - Anchor Bay

7:30 PM, MDARC Net - 147.060 (+), PL 100 - Mt Diablo

- 441.325 (+), PL 100 Linked to 147.060

7:30 PM, ORCA ARES Net - 146.880 (-), PL 77.0 - Oakland

8:00 PM, FARS Net - 145.230 (-), PL 100.0 - Palo Alto

8:00 PM, General ATV Net - 147.060 (+), PL 100 - Mt Diablo

- W6CXatv.net/live (to view the streaming videos on a computer)

11:00 PM, WIN System Insomniac Net - 90+ repeaters, cell phone & computer

- 147.120 (+), PL 103.5 - Willits
- 224.360 (-), PL 88.5 - Healdsburg
- 441.300 (+), PL 88.5 - Santa Rosa
- 441.675 (+), PL 100.0 - Sugarloaf / Napa
- 443.000 (+). PL 100.0 - Laytonville
- 444.750 (+), PL 123.0 - Hopland / Santa Rosa
- WINSystem Info is an app for iPhones; listen only
- iTunes on a computer, Internet 2560.mp3; listen only

Friday

5:42 AM, MDARC Morning Muster Net - 147.060 (+), PL 100 - Mt Diablo

- 441.325 (+), PL 100.0 Linked to 147.060

6:10 AM, MDARC 6:10 Net - 147.060 (+), PL 100.0 - Mt Diablo

- 441.325 (+), PL 100 Linked to 147.060

7:10 AM, 4C's Over the Hill Commuter Net - 145.110 (-), PL 82.5 - San Pablo

9:00 AM, FARS Talk Net - 145.230 (-), PL 100.0 - Palo Alto

7:00 PM, WIN System Tech Net with Shorty

- 146.790 (-), PL 88.5 - Santa Rosa
 - 147.120 (+), PL 103.5 - Willits
 - 224.360 (-), PL 88.5 - Healdsburg
 - 441.300 (+), PL 88.5 - Santa Rosa
 - 441.675 (+), PL 100.0 - Sugarloaf
 - 444.750 (+), PL 123.0 - Hopland
 - WINSystem Info is an app for iPhones; listen only
 - iTunes on a computer, Internet 2560.mp3; listen only
- 11:00 PM, WIN System Insomniac Net - 90+ repeaters, cell phone & computer
- 147.120 (+), PL 103.5 - Willits
 - 224.360 (-), PL 88.5 - Healdsburg
 - 441.300 (+), PL 88.5 - Santa Rosa
 - 441.675 (+), PL 100.0 - Sugarloaf / Napa
 - 443.000 (+). PL 100.0 - Laytonville
 - 444.750 (+), PL 123.0 - Hopland / Santa Rosa
 - WINSystem Info is an app for iPhones; listen only
 - iTunes on a computer, Internet 2560.mp3; listen only

Saturday

9:00 AM, CS 245 Net - Moraga-Orinda Fire Dept

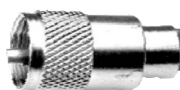
- 145.410 (-), PL 107.2 South Co - San Ramon
- 145.490 (-), PL 107.2 West Co - Orinda
- 147.735 (-), PL 107.2 Central and East - Concord

2:00 PM, FARS Youth Net - 145.230 (-), PL 100.0 - Palo Alto

7:45 PM, MVRC Mt Vaca Net 147.000 (-), PL 136.5 (Change ARS from +)

11:00 PM, WIN System Insomniac Net - 90+ repeaters, cell phone & computer

- 147.120 (+), PL 103.5 - Willits
- 224.360 (-), PL 88.5 - Healdsburg
- 441.300 (+), PL 88.5 - Santa Rosa
- 441.675 (+), PL 100.0 - Sugarloaf / Napa
- 443.000 (+). PL 100.0 - Laytonville
- 444.750 (+), PL 123.0 - Hopland / Santa Rosa
- WINSystem Info is an app for iPhones; listen only
- iTunes on a computer, Internet 2560.mp3; listen only



Valley of the Moon Amateur Radio Club
presents

HAMFEST 2016

Saturday, April 30th,
8 am to 12 noon

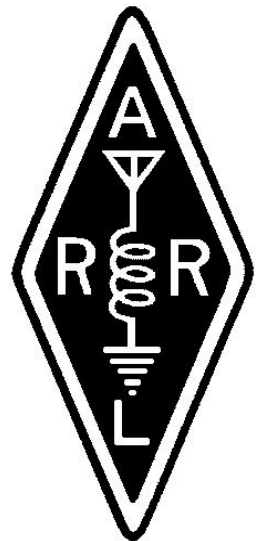
Featuring

- Swap Meet (indoor and outdoor spaces)
- Breakfast
- VE Testing Session
- Station Demos
- Fox Hunt

PLUS: special exhibit of vehicles that support
emergency communications

Radio Control helicopter using 70cm.

On the air demo of FreeDV digital voice on HF



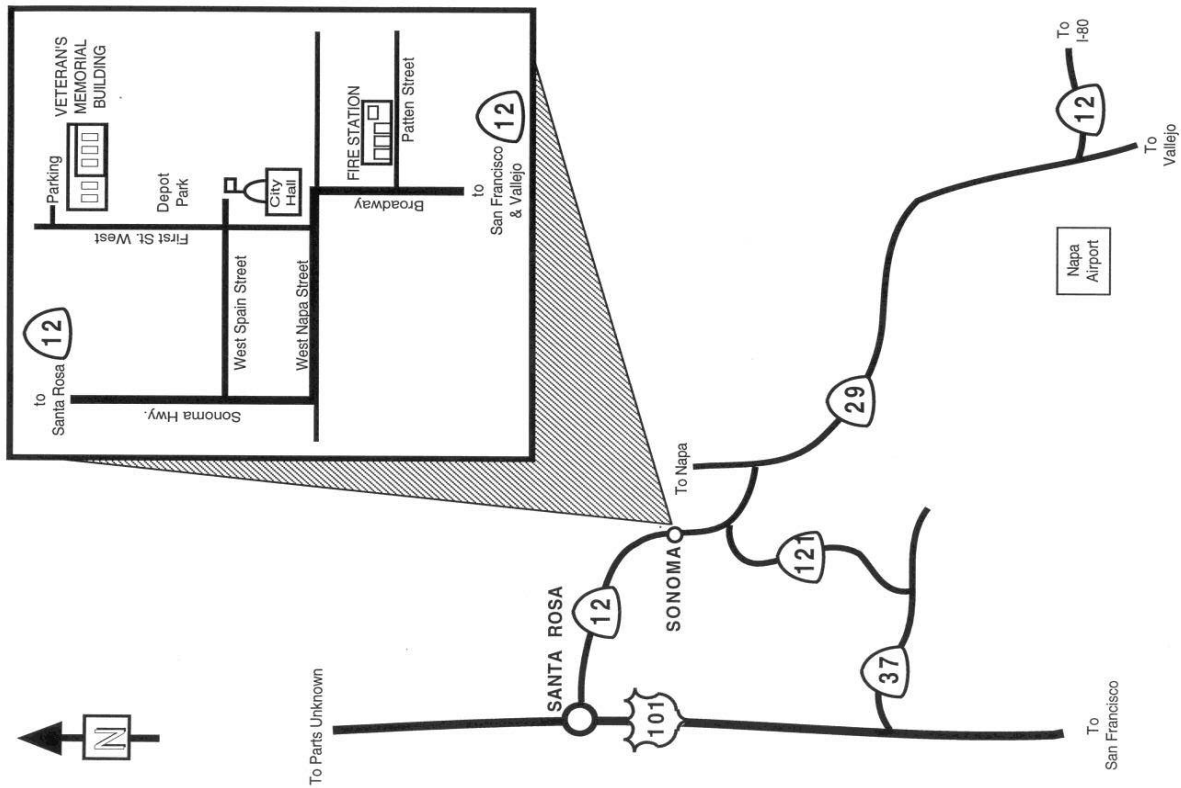
Sonoma Veterans Memorial Building
126 First Street West
Sonoma
For info: 707-935-7441

Admission: FREE
Breakfast: \$8.00
Talk-in on 145.350 MHz (88.5 pl)
for flyer and map: www.vomarc.org



Valley of the Moon ARC
175 First Street West
Sonoma, CA 95476

Map to Sonoma Hamfest 2016





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) ___
E-mail _____ Short Skip & Roster to my E-mail address ()YES! () NO
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

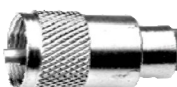
SCRA DUES: Individual \$20, Family \$30, Youth, under 18, \$15 + _____
Name Badge (complete info below) \$10 each Circle: Magnet or Clip attachment + _____

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 \$11.50/ea Size: s m l xl xxl + _____

Total: \$ _____

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



12 STORE BUYING POWER



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World's LARGEST HAM RADIO INVENTORY in stock for quick delivery

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(818) 842-1786
(877) 892-1748
Eric, K6EJC, Mgr.
Magnolia between
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oakland@hamradio.com

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(877) 520-9623
Jerry, N5MCJ, Mgr.
Hwy. 163 & Claremont Mesa
sandiego@hamradio.com

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(877) 892-1749
Jon, K6WV, Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

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(800) 644-4476
Ken, N2OHD, Mgr.
RT.13 1/4 mi., So. I-295
delaware@hamradio.com

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(503) 598-0555
(800) 765-4267
Leon, W7AD, Mgr.
Tigard-99W exit
from Hwy. 5 & 217
portland@hamradio.com

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8400 E. Iliff Ave. #9, 80231
(303) 745-7373
(800) 444-9476
John WØIG, Mgr.
denver@hamradio.com

PHOENIX, AZ
10613 N. 43rd Ave., 85029
(602) 242-3515
(800) 559-7388
Gary, N7GJ, Mgr.
Corner of 43rd Ave. & Peoria
phoenix@hamradio.com

ATLANTA, GA
6071 Buford Hwy., 30340
(770) 263-0700
(800) 444-7927
Mark, KJ4VO, Mgr.
Doraville, 1 mi. no. of I-285
atlanta@hamradio.com

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14803 Build America Dr.
22191
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KENWOOD



TS-2000 HF/VHF/UHF TCVR

- 100W HF, 6M, 2M • 50W 70CM • 10W 1.2GHz w/ opt UT-20 module • Built-in TNC, DX packet cluster
- IF Stage DSP • Backlit front key panel



TM-281A 2 Mtr Mobile

- 65 Watt • 200 Memories • CTCSS/DCS • Mil-Std specs • Hi-quality audio



TS-590S HF + 6M Transceiver

- 100W HF + 6M • 500 Hz & 2.7 KHz roofing filter
- Built-in auto tuner • Best dynamic range in class
- 32 bit DSP

TH-F6A 2M/220/440

- Dual channel receive • .1 - 1300 MHz (cell blocked) RX • FM, AM, SSB • 5W 2M/220/440 TX, FM • 435 Memories
- Li-Ion Battery



TM-V71A 2M/440 Dual Band

- High RF output (50W) • Multiple Scan • Dual receive on same band (VxV, UxU) • Echolink® memory (auto dialer) • Echolink® Sysop mode for node terminal ops

ICOM

IC-7000 All Mode Transceiver

- 160-10M/6M/2M/70CM
- 2x DSP • Digital IF filters
- Digital voice recorder
- 2.5" color TFT display



ID-51A VHF/UHF Dual Band Transceiver

- 5/2.5/1.0/0.5/0.1W Output • RX: 0.52-1.71, 88-174, 380-479 MHz** • AM/FM/FM-N/WFM/DV • 1304 Alphanumeric Memory Chls • Integrated GPS • D-STAR Repeater Directory • IPX7 Submersible



IC-7600 All Mode Transceiver

- 100W HF/6m Transceiver, gen cov. receiver • Dual DSP 32 bit • Three roofing filters- 3, 6, 15kHz • 5.8 in WQVGA TFT display • Hi-res real time spectrum scope



IC-V8000 2M Mobile Transceiver

- 75 watts • Dynamic Memory Scan (DMS)
- CTCSS/DCS encode/decode w/ tone scan • Weather alert • Weather channel scan • 200 alphanumeric memories

Analog + Digital Dual Bander D-STAR

ID-880H

- D-STAR DV mode operation • DR (D-STAR repeater) mode • Free software download • GPS A mode for easy D-PRS operation • One touch reply button (DV mode)
- Wideband receiver



YAesu
The radio



FTDX-3000 100W HF + 6M Transceiver

- 100 Watt HF/6 Meters • Large and wide color LCD display • High Speed Spectrum Scope built-in • 32 bit high speed DSP /Down Conversion 1st IF



FT-7900R 2M/440 Mobile

- 50W 2M, 45W on 440MHz • Weather Alert • 1000+ Memories • WIRES capability • Wideband receiver (cell blocked)

FT-60R 2M/440 5W HT

- Wide receiver coverage • AM air band receive • 1000 memory channels w/alpha labels • Huge LCD display • Rugged die-cast, water resistant case • NOAA severe weather alert with alert scan



FT-450D 100W HF + 6M Transceiver

- 100W HF/6M • Auto tuner built-in • DSP built-in
- 500 memories • DNR, IF Notch, IF Shift



FT-857D Ultra Compact HF/VHF/UHF

- 100w HF/6M, 50W 2M, 20W UHF • DSP included
- 32 color display • 200 mems • Detachable front panel (YSK-857 required)

AZ, CA, CO, GA, VA residents add sales tax. Prices, specifications, descriptions, subject to change without notice.

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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.

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It can be a paragraph or pages. Subjects run from radio hobbying, experiences on you set, people you ran into while on the radio or at an event, cartoons you've drawn or are inspired to draw, applications for radio communication, educational opportunities and more.

