

CLUB STATION
K6SON

Short Skip

The Newsletter of

Sonoma County Radio Amateurs, Inc.

P.O. Box 116, Santa Rosa, CA 95402-0116 707-579-9608

<http://www.sonomacountyradioamateurs.com>

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REPEATER STATION
W6SON

Volume 40, Number 1

January 2015



January SCRA Update

by Pat Coyle, KG6JSL
SCRA President

The New Year begins and I hope everyone one had an enjoyable Holiday Season. I look forward again to serving as the

Club President, and many thanks to all of last year's Officers, Directors and Committee Chairs for their time, service and commitment to the Club.

There will be a Planning Meeting on January 10 at which the Board of Directors and Committee Chairs, and any interested members, will meet to discuss and plan the activities and events of the Club for the coming year.

Charlie, KX6T has put together a Members Survey that is posted in the Member Area of the Website at <http://sonomacountyradioamateurs.com> The results are considered at the Planning meeting and all members are urged to take the survey. This is your chance to let us know what you would like to see the Club do and what can be done to enhance your membership. You have to log in but we do not ask for money or keep your information!!

My goal for this year is to strengthen the Committee structure of the Club. It is the Committees that do the real work and participation in the Committees is not only rewarding but a benefit to all members. The Board of Directors will appoint Committee Chairs at its first meeting on January 14 and the year's activities will be published after the Planning Meeting. All

members are requested to become active on a Committee or to just help out with particular events.

I would also like to emphasize education and training in order that we may all become better, more knowledgeable hams and radio operators. Club members have a tremendous body of knowledge, skill and expertise that I hope can be shared by all. High Frequency activity is an area that also needs to be emphasized. Contacting "far away places with strange sounding names" is a real joy and a part of the fun of ham radio.

I look forward to working with everyone to make 2015 a successful year for SCRA and for each member.

Pat, KG6JSL

This Month's Meeting Program:

The January program will feature Eric, AA6EM, Director of the Santa Rosa Auxillary Emergency Communications System, giving an overview of that program and how Club members and hams in general may contribute.

Eric's presentation will be followed by an auction conducted by Dave, W6IBC, of the Club's surplus equipment. This is a great chance for Members to obtain anything from radios to tents at truly bargain prices. Everything Must Go, either in the auction or to the dump. Don't miss this chance!!

See page 6 for auction item listing.





2015 Club Officers

President	Patrick Coyle coylaw@sonic.net	KG6JSL
Vice President	Brian Torr	N6IY
Treasurer	Mike Von der Porten	AD6YB
Secretary	Iola Beckley	KK6HRE
Director	Joe Fortuna	K6AWA
	Jeff Tonelli	KI6PBF
Past President	Charlie Sikes	KZ6T

Committee Lineup/Contacts

Activities	Darryl Paule, KI6MSP	ki6msp@arrl.net
ARES Liaison	Charlie Sikes, KZ6T	kz6t@arrl.net
DX/Contest	Kevin Alt, K6BSG	kalt@ieee.org
Education	Jeff Tonelli, KI6PBF	jeff.tonelli@gmx.com
Emergency Services	Charlie Sikes, KZ6T	kz6t@arrl.net
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License Trustee	John Felton, KE5RI	jrfke5ri@aol.com
Media	Sutter Laird, KI6ZON	ki6zon@me.com
Membership	Mike Von der Porten, AD6YB	mikevdpca@aim.com
Merchandise	Iola Beckley, KK6HRE	cope@srcity.org
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Public Service	Craig Gaevent, K6XLT	k6xlt@sonic.net
Raffle	John Chavez, KG6PEP	kg6pep@arrl.net
Refreshments	Robert Jones, WA6NIV	wa6niv@arrl.net
Repeater	Jack Christensen, K6ROW	k6row@sonic.net
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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

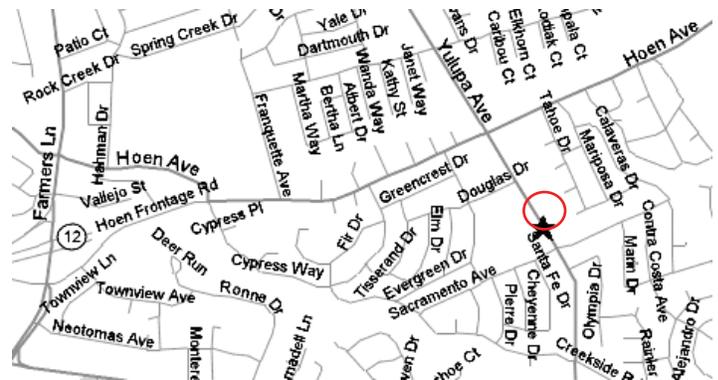
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SCRA Club Meetings

The club normally meets the first Wednesday of each month 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 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 Famers Lane, Santa Rosa.
People start showing up at 5:15 PM.
No RSVP is required.

See you there every month except December.

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>





Contest Corner

By Kevin Alt, K6BSG

Hello testers. I hope that everyone had a very happy holiday season. Check out the Winter Field Day or the ARRL VHF Contest in January. Happy DX'ing!

1 Jan – **ARRL Straight-Key Night** – CW, 80-6 meters. See: www.arrl.org/straight-key-night.

1 Jan – **New Years Snowball Contest** – SSB/CW, 80 meters. See: ev5agb.com/index.htm.

1 Jan – **SARTG New Year RTTY Contest** – 80-40 meters. See: www.sartg.com.

1 Jan – **AGCW Happy New Year Contest** – CW, 80-20 meters. See: www.agcw.de.

2 Jan – **NS Weekly Sprint** – CW, 160-20 meters. See: www.nccsprint.com.

3 Jan – **070 PSKFest** – Digital, 80-10 meters. See: www.podxs070.com.

3 Jan – **QRP ARCI New Year's Sprint** – CW, 80-10 meters. See: www.qrparci.org/contests.

3-4 Jan – **WW Peace Messenger Cities** – SSB/CW, 80-10 meters. See: www.s59dcd.si.

3-4 Jan – **ARRL RTTY Roundup** – 80-10 meters. See: www.arrl.org/contests.

3-5 Jan – **EUCW 160 Meter Contest** – CW. See: www.uft.net.

4 Jan – **Kid's Day** – SSB, 80-10 meters. See: www.arrl.org/kids-day.

5 Jan – **OK1WC Memorial Contest** – SSB/CW, 80-40 meters. See: www.memorial-ok1wc.cz.

6 Jan – **ARS Spartan Sprint** – CW, 80-10 meters. See: www.arsqrp.blogspot.com.

10-11 Jan – **UBA PSK63 Prefix Contest** – Digital, 80-10 meters. See: www.uba.be/en/hf/contest-rules.

10-11 Jan – **Straight Key Weekend Sprintathon** – CW, 160-6 meters. See: www.skccgroup.com.

10-11 Jan – **North American QSO Party** – CW, 160-10 meters. See: ncjweb.com.

11 Jan – **DARC 10 Meter Contest** – SSB/CW, 10 meters. See: www.darc.de/referate/dx/contest.

14 Jan – **Linc Cundall Memorial CW Contest** – CW, 160-40 meters. See: www.antiquewireless.org.

16 Jan – **NAQCC Special 160M Sprint** – CW, 160 meters. See: naqcc.info.

17 Jan – **LZ Open Contest** – CW, 80-40 meters. See: www.lzopen.com.

17 Jan – **International United Teenager Contest** – SSB/CW, 80-10 meters. See: uarl.com.ua.

17 Jan – **Feld-Hell Low-Down Sprint** – Digital, 160-40 meters. See: www.feldhellclub.org.

17-18 Jan – **YLISSB QSO Party** – SSB, 160-10 meters. See: www.ylssystem.org.

17-18 Jan – **HA DX Contest** – SSB/CW, 160-10 meters. See: www.ha-dx.com.

17-18 Jan – **North American QSO Party** – SSB, 160-10 meters. See: ncjweb.com.

18-19 Jan – **Classic Exchange** – CW, 160-2 meters. See: www.classicexchange.org.

19 Jan – **Run For the Bacon** – CW, 160-10 meters. See: www.fpqrp.org.

21 Jan – **Locust QSO Party** – CW, 80-40 meters. See: www.k6vva.com/lqp.

22 Jan – **NAQCC Monthly QRP Sprint** – CW, 80-20 meters. See: naqcc.info.

23-25 Jan – **CQ WW 160 Meter Contest** – CW, 160 meters. See: www.cq160.com.

Continued on next page.





Contest Corner continued.

24 Jan – **WAB Top Band Phone Contest** – SSB, 160 meters. See: www.worked-all-britain.co.uk/contest.

24-25 Jan – **REF French Contest** – CW, 80-10 meters. See: concours.ref-union.org/contest.

24-25 Jan – **BARTG RTTY Sprint** – 80-10 meters. See: www.bartg.org.uk.

24-25 Jan – **Winter Field Day** – all modes, 160-6 meters. See: www.spar-hams.org.

24-26 Jan – **ARRL January VHF Sweepstake** – SSB/CW, 6 meters and up. See: www.arrl.org/contests.

31 Jan – **Feld-Hell WAAAE0 Sprint** – Digital, 160-6 meters. See: www.feldhellclub.org.

31 Jan – 1 Feb – **UBA Contest** – SSB, 80-10 meters. See: www.uba.be/en/hf/contest-rules.

31 Jan – **CWops Weekly Mini-CWT Tests** – CW, 160-10 meters. See: www.cwops.org/cwt.html.

SCRA Opens “Storm Net”

During the major storms in early December that caused flooding, power outages and adverse road conditions, SCRA, at the suggestion of Eric, AA6EM, ran Storm Net on the Club’s repeater system. The Net ran at specified times for 3 days during the worst of conditions. Storm Net consisted of members from around Sonoma County calling into the Net and reporting conditions in their area. Net Control requested check-ins geographically, starting in Eastern Sonoma County down the Highway 12/Oakmont region, and moving westward, and north and south of central Santa Rosa.

The reports from members were interesting and informative. Eric, who is also Director of the Santa Rosa Auxillary Emergency Communication Service, advised that the emergency related agencies were supportive of the effort and found the information helpful. The advantage of amateur radio in these conditions is that members are self-sufficient reporting points over a wide area.

Storm Net will be activated again during unusual storm conditions that forecast potential damage or major disruption of services. Storm Net will run under the aegis of the Club’s Emergency Services Committee, and members will be advised of Net startup and check in times by email from the Club’s membership list. Thanks to Eric, AA6EM, Darryl, KI6MSP, and Pat, KG6JSL for acting as net control.





For Auction, January 7 Meeting.
 SCRA Surplus Equipment.
 All Items Must Go!!!!
 It's You Or The Dump.

1. Heavy Duty Battery cables, long
2. Ameco PT Amplifier
3. Pace power supply unknown amps model #5804a
4. Motorola "Radus" model D43LRA7PA5BK receiver
5. Icom 2 meter transceiver model IC211
6. Triplet power supply 25 amp
7. Heathkit VTVM model #IM18
8. Hallcrafters SX43 receiver (boat anchor antique, collectors item. The tubes are worth over \$50.00 on ebay.)
10. Channel master speaker model#6686 12"x12"
11. CB radio no mike, Cobra model #20+
12. Electrolytic Capacitor Substitution Box unknown mfg or model.
13. Battery isolator Mfg Transco model #270 amf
14. Realistic DX300 receiver only
15. Realistic DX160 receiver only + speaker
16. Power amplifier for CB radio model 150
17. Power inverter 12volt to 25 amp. Big white metal box, unk mfg or model
18. Misc bronze colored V shaped antenna 12 element 18" long
19. 2 rolls of 4awg type copper wire type MTW-thwn copper wire with connector
20. Columbia coax 20' RG8U Foam one connector only
21. Unknown type coax 50' not standard connectors similar to RG213u but stiff
22. Kenwood transceiver 100 watt KS9305.
23. Stainless steel tube steel 2x2 36" two pieces
24. 3 galvanized mast legs with bolt hardware- tripod application
25. 2- 4 gang duplex boxes with cords -Home brew
26. stainless steel base plates triangle shape
27. Unknown fx dipole with 1 to 1 balun
28. Unknown fx dipole with ladder line
29. 40 meter dipole with HD guy wires plus RG8U with foam coax
30. Kelty Sierra tent complete #890120
31. Kelty Sequioa tent complete #890180 with one repaired support rod
32. Unknown brand tent complete, maybe 10x15
33. Unknown brand tent complete, maybe 10x15
34. 1-10 foot RG8U #3000 with two male connectors
35. Misc parts for 6 meter ground plane

How To Work Net Control

The SCRA Net is heard every Tuesday night at 7:00 PM. In addition to member and guest check-ins, it provides the members with Club related announcements about what is going on with the Club and it features Newsline with current ham related news.

Beyond that, working as Net Control provides valuable radio practice and development of your operational skills and traffic handling. After working Net Control your self-confidence will increase, and providers of Emergency and Public Service nets will have more confidence in your skills as well.

There are no particular tricks to working Net Control, but here are a few hints.

1. First and Foremost, do not be intimidated by the operators who seem to know everyone's name and call sign. Those guys have been doing it for years and can recognize voices. Don't worry about it. The crowd is on your side and will help you succeed.
 2. Read and print out the net script from the Club Website <http://sonomacountyradioamateurs.com/wp/resources/net-script/>
 3. Have pencil and paper ready.
 4. Take check-ins at a pace you can manage. Five at a time is common, but by no means mandatory. You are the Net Control Operator so you can direct the traffic. Some operators take check-ins by call sign suffix, or prefix, or fewer than 5 at a time. It is your choice.
 5. Ask for repeats or clarifications or corrections if there are doubles or you miss something. Accuracy is more important than speed.
- So, get active on the Net. We all look forward to hearing you.



Annual Membership Meeting November 5, 2014

In accordance with SCRA Bylaws Article 4, Section 2, the SCRA Annual Meeting was called to order at 7:01 PM by President Pat KG6JSL. A quorum was present.

2014 Officers and Directors were introduced. New Members and Guests in attendance included Mike KK6LIU and Robert Decatheau.

Annual Meeting Transactions:

On motion by Doug KF6LMB, second by Jack K6ROW, the annual dues for SCRA for 2015 shall be \$20 for individuals, \$30 for families, and \$15 for individuals under 18 years of age. After discussion, the motion passed unanimously.

Elections of Directors and Officers. Supervised by an election committee of Dave W6IBC, John KE5RI, and Doug KF6LMB, the annual election resulted in reelection of Pat KG6JSL as president, Mike AD6YB as treasurer, and Jeff KI6BPF as director at large. Joining the 2015 board will be Brian N6IYY as Vice President, Iola KK6HRE as secretary, and Joe K6AWA as director at large. Charlie KZ6T remains on the Board.

Program: The November 2014 program "Who Wants to Earn Extra Class?" was a knowledge quiz conducted by Brian N6IYY and tested volunteer participants on subjects included in the technician, general and extra class examination question pools. Carried out in the style of a TV game show, this program was well received by the members in attendance.

Regular Business Meeting:

Following a break, the regular business meeting commenced at 8:30 PM.

Minutes of the September and October membership meetings, as published in the October Short Skip, were approved on motion by Shelley Rae KK6JXM, second by Bill WA6IOQ.

Announcements and Upgrades: Terry KK6DQC reported that he had been certified by the ARRL VEC as a Volunteer Examiner. Later on, John KG6PEP

thanked those members who supported the Scouting Jamboree On The Air operation in October.

Activities Chair Darryl KI6MSP reported that the North Bay Science Fair was a huge success.

Repeaters: Chair Jack K6ROW reported that the club had to change internet protocol addresses at its repeater sites to follow a change made by the access provider.

Education Chair Jeff KI6PBF reminded the membership that the final 2014 Technician class will be held at the Bennett Valley Grange Hall on November 7-9. A follow-on Station Assembly class is scheduled for November 14th at 6PM at the Red Cross.

Public Service Chair Craig K6XLT presented a donation from the Levi's Gran Fondo bicycle event to SCRA to help defray some of the costs of providing repeater and other services. Craig said he would send a thank-you letter to the Fondo organizer.

Emcomm: Charlie KZ6T reported that the City of Santa Rosa is reorganizing its emergency communications program from COPE to a new organization to be run by Eric AA6EM. Expect an announcement in early 2015.

Membership: Chair Mike AD6YB reported that the club now has 138 members. He also reported that his assistant, Charles W6CLC, is moving to Redding, and that Mike would like someone else to volunteer to help get out the new member packets.

VE Liaison: Brian N6IYY reported two individuals received licenses at the open examination session held on October 25th. A session in support of the technician class will be held at the Bennett Valley Grange Hall on Sunday November 9th. An open session will be held on Saturday Nov. 22nd, also at the Bennett Valley Grange at 9AM.

Merchandise: Chair Iola KK6HRE offered two emergency communications vests, one of which was purchased by Joe K6AWA.

Continued on next page.

November meeting minutes continued.

New Business: Holiday Party chair Brian reported that he expected to set up around 5:30 on December 3rd. As in the past the club will provide the meat. Brian will have information posted on the club website. Admission to the dinner is \$7.00 per person, and each family or single attendee is expected to bring a side dish. Door prizes, including a new Yaesu mobile 2 meter radio, will be given out.

Net Control Assignments for November and December 2014:

11/11 Mike AD6YB
 11/18 Jack K6ROW
 11/25 Darryl KI6MSP
 12/2 Charlie KZ6T
 12/9 Brian N6IY
 12/16 Joe K6AWA
 12/23 Keith AG6CI
 12/30 Darryl KI6MSP
 1/6/15 Craig K6XLT

With no further business, the meeting was adjourned at 9 PM.

Respectfully submitted,
 David Harrison W6IBC
 Secretary

Member of the Year Award

Darryl Paule, KI6MSP, was awarded the SCRA 2014 Member of the Year Award at the Holiday Party on December 3. This is the Club's premier award honoring outstanding service to the Club for the past year.



Darryl is Chairman of the Activities Committee where he has been extremely active organizing events promoting the Club and ham radio in general to the public, as well as recruiting new hams. He also serves on the Education Committee teaching license classes, and is an active participant in Public Service and other events.

Darryl is always ready to volunteer his services to the Club for anything that is needed. His energy is an inspiration to all. Congratulations Darryl.

SCRA Board of Directors Meeting

November 12, 2014

Minutes

Regular Board Meeting called to order by President Pat KG6JSJL at 6:16 PM at IHOP Restaurant, Fourth St at Farmers Lane, Santa Rosa. Board Members present included Pat, Secretary Dave W6IBC, Treasurer Mike AD6YB, Director Doug KF6LMB, Director Jeff KI6PBF and Past President Charlie KZ6T. Vice President John KE5RI was absent. Other SCRA members attending included Brian N6IY, Darryl KI6MSP, Jim KI6REK and John WB6FRZ.

Minutes of the October 2014 Regular Meeting of Board were approved on motion by Doug KF6LMB, second by Jeff KI6PBF. Officer and director reports were skipped.

Activities: Chair Darryl reported that he came across an organization at the Science Fair on Nov. 1st at the Fairgrounds called the Children's Museum, located at 221 West Steele in Santa Rosa. Darryl would like the club to establish a temporary exhibit at this museum. The Board suggested that Darryl study the proposal and bring it up at the 2015 club planning meeting in January. Darryl reported that a commercial business, "Engineering for Kids", teaches children aspects of engineering. Darryl would like SCRA to participate. Darryl also mentioned the ARISS training program and suggested that he and Deb KK6HRD may apply. He asked whether the club would support an ARISS contact at a local school by providing the necessary equipment for a space contact. After discussion, the Board took no action on this request. Finally, Darryl submitted a bill for business cards he printed up for himself as "SCRA Activities Director", after running the idea by the president at Field Day. The Board felt that individual business cards raised a policy issue, but took no formal action on the matter.

Mentoring: Chair Jeff KI6PBF reported that the mentoring committee has decided to adopt and use the Gordon West WB6NOA study guides for future technician classes, as the study guide and video prepared and presently used by the mentoring committee are quickly becoming obsolete. The Board asked the committee to carefully consider the issue and report back.

Continued on next page.

November Board Meeting Minutes continued.

Jeff also asked the Board for approval to install a pulley system in trees at the Bennett Valley Grange so that ham antennas could be installed temporarily during classes held there. The board agreed it was a good idea, but took no formal action.

Treasury: Treasurer Mike AD6YB presented a document showing actual income and expenses juxtaposed with budgeted income and expenses. Net actuals track the 2014 budget projection very closely. Mike wants budget input for 2015 before the 2015 club planning meeting set for Saturday, January 10, 2015 at 9:00am at First American Title Company, in Santa Rosa.

Membership: Chair Mike AD6YB reported that Charles W6CLC has moved to Redding, and Mike needs a volunteer to help with distributing the New Member packets.

Old Business: Holiday Party December 3rd. The web site is up and available for signups. Brian N6IYY said the cost will be the same as last year, \$7.00 per person. Charlie KZ6T will provide a slide show if members provide him with photos. Setup will be at 5PM with dinner slated for 6:30PM. John KG6PEP will hand out the two door prize tickets to attendees: one for licensed ham members for the ham radio prizes, and the other for general prizes for guests and non-licensed club members. Dave W6IBC will bring his chafing dish and his "boombox" to play holiday CDs provided by Pat. Dave W6IBC and Joy KI6ASJ will provide table decorations and non-ham gifts as per last year.

New Business: The membership application in Short Skip needs to be changed to reflect the new dues schedule. 2015 dues are due February 28th with 2015 roster cutoff. The January meeting will feature an auction of surplus club property. Doug KF6LMB will set up a review process with John KE5RI, Jack K6ROW, and Brian N6IYY. Dave W6IBC agreed to act as auctioneer at the January meeting. On motion by Mike AD6YB, second by Dave W6IBC, the December 2014 Board meeting is cancelled. Charlie KZ6T agreed to prepare and manage a follow-up survey with members with results available before the January club planning meeting. Brian N6IYY has contacted the City of Santa Rosa to reserve Youth Park for the 2015 Field Day.

John WB6FRZ will be conducting a code class at the Red Cross on Friday Nights. The Board confirmed that SCRA supports contributions to the Food Bank.

With no further business the Board meeting adjourned at 7:50PM.

Respectfully submitted,

Dave Harrison W6IBC
Secretary

Holiday Party 2014

The SCRA annual Holiday Party was held December 3 at the "clubhouse" on Yulupa Avenue. About 35 members and guests gathered for an evening of socializing with other members, awards and free raffle prizes. A pot luck buffet dinner with contributions by the Club and members was served. A slide show of the year's events and activities was presented for visual entertainment after a computer mishap was corrected.

The grand raffle prize, a Yeasu FT 1900 base/mobile radio, was won by Darryl, KI6MSP. It was a good night for Darryl who was also awarded the 2014 Member of the Year. Other ham and non-ham prizes were won by many of those present.



Thanks to Brian, N6IYY, for organizing the event, and to Dave, W6IBC, Joy, KI6ASJ, Jim, KI6REK, Doug, KF6LMB, Iola, KK6HRE, and all the many others who contributed to the success of this event.



More thoughts on HF radio.

Go out and meet people. Communication is about people! I am not knocking “filling band slots” for places not worked before. Nor am I saying anything bad about DX chasing or contesting. I do both enthusiastically! (KB!).

But where the QSO rate is not a critical element, I do like to rag chew. An old timer told me when he had worked all 340 entities on all bands and all modes, he would have no reason to turn his radio on. Think about that. It's kind of sad!

I enjoy meeting people and asking about themselves, their families, their locations, their jobs, and, even their dreams. It's all in what they feel comfortable in sharing. My radio is a tool to help me get to know other people and cultures. Some people are open and friendly. Others are more reticent. As is the case with all friendships, until you get to know someone, you don't know whether you will like them or not. There is a place for both.

I try not to fall into the trap of just giving 59 or 599, my name, QTH, and the weather. Find an open space on a band and call CQ. There are probably several listening, and some will come back to you! Whether its Nancy K9DIG in North Dakota (or recently in the Caribbean! Nice lizard [or is it an iguana?] On the QSL card), or Mike VE6AO in the frozen tundra of Calgary (Sorry Mike), or Andy E51AND on South Cook Island in the Pacific (who was gracious enough to pass a relay from friend Frank KG6N in Redding) and, who invited me to visit, and even told me what to expect and see! (Especially the non-stop flight from Los Angeles International to Rarotonga!) Maybe you can talk to Stephen NQ0F, Kriss KA1GJU, Erik WB7QGI, or others, as they aeronautical mobile at 20 thousand feet? Or “chat up” Fred K6DGW or his friends putting “summits on the air”? Or work VK6FZM/MM on the MS BRAVEHEART on the way to deliver the hams to the FT5ZM Amsterdam Island DX-pedition? There is A WHOLE WORLD OF PEOPLE OUT THERE!!!

Getting to know people is what's best about ham radio, and we ought not to let it slip away.

As Randy Jonson W6SJ concludes at the end of his op-ed piece in a popular magazine “It takes an investment in time and energy to create a friendship. The good news is, it's worth it”!

73

Rick Sealock N6GY

2014 Holiday Party





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sunnyvale@hamradio.com

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(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

WOODBRIE, VA

(Near Washington D.C.)
14803 Build America Dr.
22191
(703) 643-1063
(800) 444-4799
Steve, W4SHG, Mgr.
Exit 161, I-95, So. to US 1
virginia@hamradio.com

SALEM, NH

(Near Boston)
224 N. Broadway, 03079
(603) 898-3750
(800) 444-0047
Dave, N1EDU, Mgr.
Exit 1, I-93;
28 mi. No. of Boston
salem@hamradio.com

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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Under 18 Membership	\$18 (\$4.50/qtr)
Badge	\$10

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