

JANUARY 2008

THE MONTHLY NEWSLETTER of the SANTA CRUZ COUNTY AMATEUR RADIO CLUB

# SHORT SKIP



## Luncheon Recap



Cody Adams Treasurer. Bruce Hawkins, Mike Doern, and Ron Skelton continue as directors along with a new director Reed Cotton. After the introductions Allen Fugelseth, helped us remember the silent keys of 2007. Royce Krilanovich, AC6Z, passed away March 22, and Eddy Pollock, W6LC, passed away on December 3. Then Ron Skelton looked forward to 2008 telling us about new equipment that is being installed at the K6BJ club station. This includes an internet connection, a repeater controller with additional audio ports, and an

On Saturday, December 15, 38 club members and guests attended the SCCARC Holiday Luncheon. Registration began at noon in Marie Calender's Restaurant with Kathleen McQuilling, taking money and handing out raffle tickets. Lunch was served an hour later with your choice of entries, meatloaf, turkey, chicken, and vegetarian. There was also the choice several different Marie Calender's pies for desert. 50 minutes later club president Chris Angelos, introduced new members, the current officers and directors as well our new officers and directors. Elected at the November meeting were Rich Olsen Pres., Don Taylor V.P., Kathleen McQuilling Secretary,



Kenwood TS-570D radio with remote control interface. This makes possible connection to stations around the world via Echolink, and IRLP, as well as remote operation of the club station via the internet connection. The final activity was the raffle. There were more that 20 gifts from the club and club members. There were fresh baked cookies, cakes, DVD's, computer locks, candies, an emergency radio, lights, and gift certificates for HRO, Home Depot, and Radio Shack. The best gift of all was the comradeship and good times with friends.

—Chris Angelos, KG6D0Z

Photos by Roy Brayshaw, KF6KVD

**CLUB MEETING FRIDAY JANUARY 18, 7:30 P.M.**



January 5

I arrived at Gigi's in pouring rain expecting not to see anyone, but there was Marc W6ZZZ already finishing his breakfast. It wasn't long before we were joined by our New President Rich Olsen W1WUH and his good lady, VP Don K6GHA, Board member Reed N1WC, our treasured Kathleen KI6AIE and past Presidents Vic AE6ID and Alan AF6BO. Others present included Tom AE6XQ and David WS2L. Altogether an amazing assembly of know-how.

Naturally the main topic had to do with emergency preparedness. Marc brought a hand-cranked LED flashlight. I thought how very useful it would be to also have a hand cranked battery charger. Tom brought a tiny flashlight on a tripod what comes in useful for looking in confined spaces. Several tales of woe were told, the one I liked best was an installation of a large generator that still lacked a carburettor. Dave described the tri-fuel generator that he has at home and running at the time.

Our discussions proceeded along normal lines and included design of a power supply for a 1KW solid-state linear, stereo microscopes, hardware and software anti-shake cameras (I previously thought that attitude adjustment had something to do with alcohol) and requirements for color image scanning. On the topic of ground noise mitigation Marc mentioned that we had a local expert in Jim Brown K9YC. Ron mentioned the high performance radio (the NC2030) designed by Dan Tayloe using the concept of quadrature sampling. A full presentation is available on Dan's web site that compares this radio costing less than \$200 with top-of-the-line equipment. Great free software developed by KE5FX for instrument data capture was described. Ron whined that Digikey charges \$5 stocking fee for purchases under \$25 and has minimum quantities for cut tape items. Mouser is more amenable to low volume purchases. I feel we kicked off the New Year in great style.

—Ron W6WO

## Member Profile: Rich Olsen W1WUH



Introducing the new President of the Santa Cruz County ARC, Rich Olsen W1WUH

Rich took the reins of our Club in January so it is most appropriate to introduce him to our membership at large by way of this profile.

Rich's interest in radio began in Cub Scouts where they built crystal sets. Another case of "Out of little seeds great oak trees grow" and one quite familiar in our hobby. W1WUH is an original call dating back to 1951 when he lived in Providence RI. During his years at high school Rich elected to take a course in Radio that included dissecting an All-American 5 tube radio. At that point in time there was much military surplus to be had and his knowledge of electronics greatly expanded- he exhibited Klystrons oscillator at a science fair.

Higher education in physics followed at the University of RI. During the college years Rich worked part time for AT&T, WJAR AM and General Transistors. Rich came west to W6 in 1963 and spent 13

years at the Space Science lab at UC Berkley. These were early days for data analysis and computers. Rich recalls roll-charts 25 ft long had to be laid on the floor so that the pen strokes could be measured by hand and then converted to punch cards. At a later stage Rich moved to EG & G who specialized in fast photography. He raised 3 children, 2 of whom owe their livelihood to technology and remain hams to this day. It was in this era that Rich met his good lady Debbie and the two of them are never far apart. Prior to retirement was a 13-year spell at Sandia Labs with involvement in atomic physics.

Presentations at club meetings are of great interest to Rich as are our roles in emergency preparedness and appreciates the deep roots in Ham Radio in this area. Rich's lifetime story about how ham radio played a big role in his career and he is concerned about the development of technical talent in the US. It is not surprising that he would like to see our club be focused on young people.

Great to have you at the helm Rich.

—W6WO



By Art Lee WF6P

## CHATTER

I'm writing this during one of our Santa Cruz blackouts. They are infrequent but happen when the wind blows and the rain comes down in heavy amounts. On this day, 4 January, I suppose that every tree or limb that can fall and knock out power lines has already done so. A rather large tree in my neighbor's yard slipped its moorings and took out the fence. Fortunately, it fell away from my house and did not take my 40 mtr dipole with it. My house would no longer be sea worthy if the tree had elected to wipe out my kitchen and dining room. Our standard mud slides and flooding have blocked almost all traffic. We are supposed to receive about 10 inches of rain as a result of our first trio of storms in the new year. Illuminating my laptop keyboard are a nice flashlight and a flickering candle. With no TV to watch and not enough light to read by, it is nice to sit here waiting for the power to come back on. Unfortunately, this is not supposed to happen up here on the West side until noon (or later) tomorrow. PG&E crews work hard to put us back on line, and under dangerous, severe storm conditions. They deserve a pat on the back. This will give us about 30 hours without the conveniences we are so used to; heat, stove, refrigerator (keep it closed to preserve food longer), and lights. We have done what we always do to prepare: plenty of various sized batteries, extra candles, flashlights, battery operated radio and many jugs of fresh water. This all happens as a result of experiences with the quake of '89 and rains and floods of '82. I would hate to think of being without water. That's bad. I've been thirsty in the past during military training and a few gulps of water after a day or two in dry, dusty territory, was highly valued. With our Radio Shack scanner radio tuned to constant police broadcasts, we are up-to-date on all emergencies. Radio station KSCO did a fine job

of keeping the citizens of our fair city informed of power outages, restorations and road closures. Routing homebound traffic from San Jose through Gilroy after the mudslide closure of Hwy 17 was helpful to those stuck on the Los Gatos side of the hills. So, being ready for emergencies is always a good plan. P.S. I'm clad in warm furry boots, two sweaters, a jacket and hat.

Received a nice Christmas card from Gary Baker, N6ARV. He toured 27 states in his motor home and is bound for Alaska where he will spend some time with his daughter and her family. He likes to travel and as a retired sailor, can fly via Military air transports whenever the mood strikes him, and for free. Incidentally, if you have it in mind to join the military, give me a call and I will take you to the local recruiter of your choosing.

Time flies when you are having fun. I shipped my nephew into the Navy in Honolulu about 32 years ago. He is retiring as a Master chief petty officer after returning from a one-year tour (his second) in Kuwait.

CW is still fun. Last weekend the 40-meter band was alive with CQ's. I worked a few stations in K7 land. Three operators had nice fists and were using straight keys and older rigs with lots of drift. That's OK. It only took a slight adjustment of tuning knob to maintain a crisp signal. I enjoy rag chewing and fortunately, so did my contacts. They were reporting snow and temps in the 20s or lower. Brrrr, not for me. Kathleen, KI6AIE, sent me an email saying she wanted to get in some CW on-the-air time. We'll set up a sked.

### Club Directory Update

(since March 2007 printing)

WS2I	David Copp (new)
KI6IFS	Diane Cowen (new)
KG6KPF	Paul Jones (correction)
KI6LTN	Shirley Radder & Don Radder (new)
K7Jjj	Jack Specht Sr. (new)
AE6XQ	Tom Stollar (new)
K6GHA	Don Taylor (update)
KI6IEX	Ted Tripp (correction)

Reminder: members with email addresses in our database are reachable via [k6bj.org](mailto:k6bj.org); sending email to [call@k6bj.org](mailto:call@k6bj.org) will get your message forwarded.

## Treasurer's Report

At the November 2007 Board of Directors meeting, then-Treasurer Kathleen McQuilling, KI6AIE, reported that the SCCARC treasury had \$4,805.71 in cash and bank accounts. At that time all financial obligations had been met, including the annual liability insurance premium.

## SCCARC Membership Renewals

If you have already renewed your membership for 2008, thank you! If you haven't, please do it now. Annual dues are \$25 for full members, \$6 each for each additional member at the same mailing address, and \$10 for full-time students age 18 or under. Dues may be paid in cash or check (payable to SCCARC) at regular Club meetings, or checks may be mailed to SCCARC, P.O. Box 238, Santa Cruz, CA 95061-0238..

## ARRL QSL Bureau

ARRL QSL Bureau Sees Rise in Number of Cards Sent (Jan 10, 2008) -- Despite the fact that sunspots have been virtually non-existent, the ARRL Outgoing QSL Service is doing a brisk business. "We are seeing bigger



numbers this year as compared to last year," says ARRL Outgoing QSL Service Manager Sharon Taratula. "It's amazing, considering where we are in the sunspot cycle." In 2007, the Outgoing

QSL Service sent out 1,035,225 QSL cards, she says, compared with 1,000,475 cards sent during 2006 -- a difference of 34,750 QSLs. The volume of outgoing QSL cards reflects the trend, although not all cards received -- especially those destined for rarer DXCC entities -- go out right away in the monthly mailings to foreign bureaus. In 2005, the Bureau sent out 1,137,550 cards. "Now that the new solar cycle is here, we should see even more cards," Taratula said. In the last solar cycle (Cycle 23), the number of cards shipped via the ARRL Outgoing QSL Service topped 1.9 million cards in the 2001-2002 period. The Outgoing QSL Service sorts and forwards QSLs received from US radio amateurs to bureaus in more than 220 countries.

## SCCARC Board - 2008

<b>President</b>	Rich Olsen	WIWUJH	510 415-8920
<b>Vice President</b>	Don Taylor	K6GHA	k6gha@k6bj.org
<b>Secretary</b>	Kathleen McQuilling	KI6AIE	476-6303
<b>Treasurer</b>	Cody Adams	KG6YPK	
<b>Board</b>	Christopher Angelos	KG6DOZ	688-3562
	Reed Cotton	NIWC	460-1801
	Mike Doern	KM6IKE	477-1161
	Bruce Hawkins	AC6DN	
	Ron Skelton	W6WO	477-1021
<b>K6BJ Trustee</b>	Allen Fugelseth	WB6RWU	475-8846

## MONTEREY BAY REPEATER ACTIVITY

Santa Cruz County	K6BJ 146.790- PL 94.8 Santa Cruz KI6EH 147.945- PL 94.8 Watsonville K6BJ 440.925+ PL 123.0 Santa Cruz • SCCARC Net Monday 7:30 PM 146.79- /147.180+ /440.925+ linked • SCCARC 10 Meter Net Monday 7:00 PM 28.308 MHz USB
ARES Nets	SC County Wide ARES Tuesday 7:30 PM on 147.180+ PL 94.8 443.600+ PL 110.9 (Linked repeaters)
San Lorenzo Valley	WR6AOK 147.120+ PL 94.8 Ben Lomond • SLV Net Thursday 7:30 PM
Loma Prieta	AB6VS 440.550+ / AE6KE 146.835- PL 94.8 (Linked for net 94.8) • LP Net Tuesday 7:15 PM
Monterey	K6LY 146.97- PL 94.8 / 444.700+ PL123 (Linked) Monterey • NPSARC Net Wednesday at 8 PM on K6LY/R • Monterey ARES Net Wednesday 7:30 PM K6LY 146.970- (PL 94.9) • Newsline (Ham News) Broadcast Wednesday at end of NPSARC Net
LPRC	WR6ABD 146.640- PL 162.2 / 442.900+ PL 162.2 (winsystem) • LPRC Net Tuesday 8:00 PM 146.640-(PL 162.2) • Newsline (Ham News) Broadcast Wednesday at end of NPSARC Net

• Santa Clara Valley Section Traffic NET Tuesday 9:00PM 146.640- (PL 162.2)  
**FOR MORE INFO SEE: <http://www.k6bj.org/freq.html>**

## SCCARC Calendar of Events

SCCARC Meeting	Friday	Jan 18
Board Meeting	Friday	Jan 18
(following club meeting)		
Short Skip articles due	Monday	Feb 4
SCCARC Meeting	Friday	Feb 15

## MONTHLY MEETINGS.

The SCCARC Meets at 7:30 PM, on the THIRD FRIDAY of the each month (except December). Meetings are at Dominican Hospital, 1555 Soquel Drive, Santa Cruz.

## NET CONTROL SCHEDULE

(Subject to Change)

1/14	Chris KG6DOZ
1/21	Tom K6TG
1/28	Cody KG6YPK
2/4	Phil KE6UWH
2/11	Allen WB6RWU

## SHORT SKIP

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**Santa Cruz County Amateur Radio Club, Inc.**  
Post Office Box 238  
Santa Cruz, CA 95061-0238



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P.O. BOX 238  
SANTA CRUZ, CA 95061-0238



## Don't Need Short Skip In Your Mailbox?

If you're getting Short Skip by postal mail but would rather just read it on the Club's web site, just let me know at [ki6aie@k6bj.org](mailto:ki6aie@k6bj.org) and I'll take care of it. If you're on the K6BJ email reflector, you'll get notification when each month's Short Skip has been posted to the Club web site.

—Kathleen, KI6AIE