



THE COASTSIDE COMMUNICATOR

VOL. 45, No. 7

JULY 2013

WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

Another Field Day is done and in the books. As predicted, all facets of Sweeney Ridge weather were experienced in a 24 hour period. Thanks to all who participated. Check-out N6FG's Field Day wrap-up article in the *NEWS* section.

I had an email from Tony Dowler- K6BV President of SFRC. He wanted to let us about an upcoming activity since our clubs have worked together before and had a lot of fun. They genuinely appreciate CARC members' participation and support.

*For the last few years SFRC has held a couple of Special Event operations. In 2009 with presented the "Big Rumble Special Event Station" on the 20th anniversary of the Loma Prieta earthquake. Last year we operated a station to celebrate the 75th Anniversary of the Golden Gate Bridge. This year we will offer *W6A* for the America's Cup Finals. We are scheduled to be on the air for 3 consecutive weekends starting September 8th. San Francisco Radio Club would like to invite all interested members to be a part of this event. We will operate HF from our HAM shack located at the V.A. Hospital on 42nd and Clement in San Francisco. Though the races are in San Francisco, the entire Bay Area benefits. I hope to see many operators from area the Bay get involved*

Tony - K6BV

*Remember, our monthly meeting time was changed by a ballot count last month, and our new start time is now 19:00 hours.

See you at the meeting.

73... David-K6DMR

JULY MINUTES

The June 12, 2013 meeting was called to order at 7:30 p.m. by our club president Dave Rinck-K6DMR at the Linda Mar Fire Station in Pacifica. Self-introduction by the members and guests followed.

No corrections in the minutes were noted. It was moved by Bob Barbitta-W6LOG to approve the minutes as published in the *Coastside Communicator*. The motion was seconded by Ralph Bailey-K6DLZ and passed unanimously by the membership present.

TREASURER'S REPORT

Frank Erbacher-N6FG read the report of the club's financials: \$1946 in the General Fund; \$6137 in the Repeater Fund; \$838 in the Digipeater Fund and \$6040 in the EOC/Public Service

Fund. These individual fund totals add up to a club total of \$14,961.

The treasurer paid \$21 to himself for mailing and publication of the Coastside Communicator newsletter and took out \$400 for cash reserves.

MEMBERSHIP

Total club membership stands at 68, including 2 non-licensed members, 43 of whom are ARRL members, for a total of 1,001 years of experience. Of the 66 licensed members, 31 hold an Extra class license, 10 a General class, 24 Tech and 1 Novice. Josh Villyard-N6TZF was congratulated on recently received his Extra class license.

COMMUNICATIONS

Frank-N6FG stated that the May US Bank statement was received, as well as a newsletter from Santa Cruz.

COMMITTEE REPORTS

REPEATER

The repeater is still in need of repair. A trip to effect repairs is planned sometime in the next month or two.

AUTOPATCH

Operational

DIGIPEATER

Operational

APRS

Operational

EMERGENCY SERVICES

No Report

FIELD DAY

Taken up under New Business

FOG FEST

No report except confirmation by Frank-N6FG that CARC will participate, and the event will take place on the weekend of September 28 and 29.

NEWSLETTER

Published

WEBSITE

Webmaster Scott Mercer-KI6SEJ stated that he has updated the website net script to reflect the current CARC officers.

BYLAWS

Committee Chair Mary Ellen Scherer-AJ6J reminded the membership that 45 minutes has been set aside at the September meeting for review of the proposed new bylaws.

UNFINISHED BUSINESS

Club Meeting Start Time -- Club Secretary Mary Ellen Scherer-AJ6J stated that she had received 17 ballots from the membership, 9 voting to start the meetings at 7:00 p.m. and 8 voting to start at 7:30 p.m. Mary Ellen recommended that since the vote was so close that the members consider a compromise and agree to start the meetings at 7:15. However, it was pointed out that that wasn't provided for in the vote, and the members present agreed that the vote outcome should be honored, commencing with the July meeting. Therefore CARC monthly meetings will henceforth start at 7:00 p.m.

NEW BUSINESS

Field Day – Frank-N6FG reported that the Field Day anticipated expenses would include Porta-potty rental of approximately \$300, pizza \$75-80, gas \$60, plus van rental and gas for the van. Scott Mercer-KI6SEJ moved that these expenses be approved at an amount not to exceed \$1,000. The motion was seconded by Bob Barbitta-W6LOG and passed unanimously by the members present.

Dave Rinck-K6DMR said that the permit has been applied for, and he is awaiting receipt of the final permit form. He said that there was zero cost involved in obtaining the permit.

Frank-N6FG reported that he has corresponded with Ross Peterson via email to the effect that they will have someone from the Sheriff's Comm Unit come to the Sweeney Ridge Field Day site, though it may not be with the large San Mateo County Communications Unit van.

Dave-K6DMR informed the members that those coming to assist with the setup should be at the gate at 8:00 a.m., the starting time allowed by the permit.

Scott-KI6SEJ said that he would put directions to the Sweeney Ridge site on the website.

It was recommended that members carpool if possible due to the shortage of parking at the site.

Frank-N6FG stated that he would send an email the evening before the event with the combination to the gate lock.

Joe Pistrutto-N3CKF said that if we want to operate both 15m and 20m at the same time, that we need lots of people to show up to help with the setup.

Scott-KI6SEJ asked if we could get a large blowup of the Club logo made for the side of the van. Dave-K6DMR said he would see if he could get one printed.

Scott-KI6SEJ also informed the members that this year there would be two IC 7600s available for use, one in each van, with USB capabilities and Ham Radio Deluxe. Joe-N3CKF said that Ham Radio Deluxe on the computer allows for digital operation on either radio. Scott-KI6SEJ clarified that the Sprinter van will be equipped with a laptop with Ham Radio Deluxe already installed and connected to the radio, which will provide one digital-ready station.

Joe-N3CKF said that the most important aspect for Field Day is to have sufficient people available to help with setup because at least four are needed to raise a tower safely. He

also said that 40 and 80 should be on different towers to avoid cross-talk. He further suggested that we have operators present if possible early Sunday morning (4-5 a.m.) to work 15 and 20, as that's when they were busy last year.

There was a question as to who was bringing the pizza. Josh Villyard-N6TZF said that he planned on coming late afternoon and would pick up the pizza.

There was discussion as to whether anyone would work 2m. Scott-KI6SEJ said he would bring an IC-7000 just in case, and Josh-N6TZF said he would bring an amplifier and mast.

MOTION TO ADJOURN

Mary Ellen-AJ6J moved that the meeting be adjourned at 8:39 p.m. The motion was seconded by Cheryl Crofts-KJ6RNK and unanimously passed by the membership.

PRESENT AT THE MEETING

The following Life Member has become a Silent Key:
Roger Spindler-WA6AFT.

Officers: President: David Rinck-K6DMR; Vice-President: Ralph Bailey-K6DLZ; Secretary: Mary Ellen Scherer-AJ6J;

Members: Jane Bailey-KF6PGF, Robert Barbitta-W6LOG, Roy Brixen-KE6MNJ, Cheryl Crofts-KJ6RNK, Carmel Gallagher-KJ6ERS, Paul Grigorieff-N1HEL, Ed Hilliard-W3SH, Dave Lawrence-KF6TWW, Bill Lillie-N6BCT, Walt Long-KG6EDY, Scott Mercer-KI6SEJ, Tom Oliver-KJ6OGL, Joe Pistrutto-N3CKF, George Salet-KJ6TSX, Casey Villyard-N6TZE, and Joshua Villyard-N6TZF.

Visitors: Arnott Smith-KF2TM

Submitted by Mary Ellen Scherer-AJ6J

NEWS***2013 FIELD DAY- A CO-CHAIRMAN PERSPECTIVE***

The CARC had another successful Portola Discovery Site Field Day Event. It was the typical too warm and too cold, dry to very wet, and still and windy event. Again we were an ALL BATTERY/SOLAR operation with Generator for hot water, heater and an area light. We were on 15 meters by 11:15 AM Sat. and 20 meters by a little after noon. We had a good set up/take down crew but could have used more help. We were off the hill right at 2 PM, a bit late.

Again the Co-Chair Dave-K6DMR provided our GGNRA permit contacts and dealings and I provided the contacts for the FD newspaper Article and City of Pacifica Amateur Radio Week Proclamation.

All who attended seemed to have a good time. All I saw were smiles. There were number of Field Day operators with little experience as well as a visiting ham. I saw a lot of smiles and excitement. That's the reason for Field Day, to encourage operating, getting equipment working and invigorate interest in our hobby.

The setup was: Two HF stations, working 80, 40, 20, 15 and 10 meters using the full sized 20 and 15 meter beams, the 80 and 40 meter dipoles/inverted vees, and a 10 meter beam on

FIELD DAY PERSPECTIVE CONT.

the unused VHF/UHF pole. And I believe a few VHF contacts may have been made by handi-talkie though. We missed those points a lot.

Scott-KI6SEJ and Joe-N3CKF provided the two HF stations, both using their new IC-7600s. Their setup also provided the logging software, computers and network, and the delivery and return of the larger van station (rent/gas paid by Club). They out did themselves with more batteries on their solar array (100 points) that included a current to voltage regulator keeping 13.8 volts to the two HF rigs throughout the night. They also provided LED lighting for the two stations. I provided a Van for operating and the transport of the Clubs (SK Roger-WA6AFT provided) beams, wire antennas, masts and coax setups.

I thought the band conditions were not as good as last year (((but we still had roughly 600 total contacts))) . Missing was last years three hour 15 meter 300 contact pileup Sunday AM that included South Africa and Brazil. 20 meters seemed to do well. CW seemed slow but points were provided by a prospective member, Peter-KK6GG, that I invited up giving us ((roughly 60)) contacts at 2X the points. We had quite few ((roughly 120+))) Digital contacts also at 2X the points. Bill, N6BCT, again provided the Field Day Bulletin copy and its points. Joe-N3CKF, will provide more details in his August FD Report article.

Casey, N6TZE, only visited this year but he did provide a FD generator that was lighter in weight than our very quiet WA6AFT donated Gen (tested but stayed in storage again). Joshua-N6TZF, transported that Gen and the famous Blue Room up and down the hill. The Gen was used only for the hot water pot, small van heater and area lighting at night.

A Sheriffs Office site visit was provided by SCU member Ross-WB6ZBU (100 points). Pacifica City Council Person Mike O'Neill also visited (100 points). We had 60+ visitors who received FD and Portola Site info. If it wasn't so wet we might have gotten another 20 or so to sign in.

Attending and operating were: Dave-K6DMR, Joshua-N6TZF, Ariel-K6RYL, Joe-N3CKF, Scott-KI6SEJ, Bill-N6BCT, Mary Ellen- AJ6J, Paul-N1HEL, Tom-KJ6OGL, George-KJ6TSX and myself, Frank-N6FG, who is hoping he didn't miss anyone. Licensed visitors operating were Peter-KK6GG, George-KR6BB and son Kevin-KJ6EIE. A local Pacifica licensee, Carolyn- KJ6QKE, visited as did CARC members Barbara-K6IIP and Casey- N6TZE who took some CARC pictures. 73's de "I CAN'T WAIT UNTILL 2014 FD Frank-N6FG"

Field Day Stats from Joe-N3CKF

Overall Summary (2013 Field Day, WA6TOW):

Total QSOs: 550

Total QSO Points: 715

Power Multiplier: 2x (applies to all points because all of our transmitters are 150 watts or less)

Bonus Points Claimed:

Emergency Power - 200 (100 per transmitter)

Media Publcity - 100

Public Location - 100

Public Information Table - 100

Alternate Power (Solar) - 100 (this used to be called "Natural Power" Bonus

W1AW Bulletin Received - 100

Site Visit by Public Official - 100

Site Visit by Served Agency - 100

Web Submission - 50

Total Bonus Points Claimed = 950

Total QSO Points Claimed = 1430 (including power multiplier)

Total Field Day Points = 2380 for 2013

Comparisons to 2012 score:

In 2012 we claimed 1718 QSO points on 869 Contacts (only 30 of those were

2x contacts, CW or Digital)

In 2012 we had 869 contacts vs. 550 in 2013

In 2012 we did not claim the "Site Visit by Public Official" bonus so we had 850 Bonus points (100 less)

In 2012 our total "score" was 2568 for the contest or 188 points 8% more than this year.

Below is the raw data summary with the statistics for 2013 split various ways:

WA6TOW's Contest Summary Report for FIELD DAY

Total Contacts = 550

Total Points = 715

Operating Period: 2013/06/22 18:13 - 2013/06/23 17:58

Total Contacts by Band and Mode

Band	CW	Phone	Digital	Total	%
80	0	66	0	66	12
40	0	38	47	85	15
20	54	212	0	266	48
15	10	69	54	133	24
Total	64	385	101	550	100



ARRL UPDATE**STRONG GEOMAGNETIC STORM ENLIVENS
"THE MAGIC BAND"**

That strong geomagnetic storm over the weekend may have trashed the HF bands, but stations along North America's Eastern Seaboard took advantage of the resulting aurora to score some DX on 6 meters. On Saturday, June 29, stations were able to work into Alaska during a period of auroral propagation. WK3N in Pennsylvania reported working his first two Alaska stations, AL7RT and KL7NO, for his #100 on 6 meters. WK3N called the episode "the most intense solar storm in the last five years." He pointed his beam north, turned on his amp and started calling "CQ." He worked into several regions of the US and Canada. K8OM reported a 6 meter opening into Eastern Iowa at 1645 UTC Sunday, June 30, when the geomagnetic storm had begun to wind down. He worked OH1ND, OH1XT and ES6RQ, all on CW.

"That may not be all that great for East Coast guys, but for us out here in the middle of the country, it was rather exciting!" he said. Spaceweather.com reported early Saturday morning that a strong geomagnetic storm was in progress as Earth passed through a region of south-pointing magnetism in the solar wind. The storm generated auroral displays as far south as Kansas. The NOAA Space Weather Prediction Center indicated the storm was a G3 level event. NOAA says that in a G3 level storm, HF radio may be intermittent. Over the weekend, the A index rose to 22, and the K index ranged from 5 to 7. Generally an A index at or below 15 or a K index at or below 3 is best for HF propagation. -- Thanks to The Daily DX, Spaceweather.com, NOAA

Emergency Radio: Colorado ARES Supported Emergency Communication in Wildland Fire Response

Colorado Amateur Radio Emergency Service (ARES) volunteers mustered to support emergency communications after wildland fires broke out in June.

"For the second summer in a row the entire state of Colorado seems to be on fire," said North Central Colorado Region ARES Emergency Coordinator Perry Lundquist, W6AUN. "Currently there are 16 wildfires burning within Colorado."

Several Colorado ARES districts activated in the wake of the Royal Gorge and Black Forest fires June 11. Members provided communication support for sheltering activities. Later the same day, the Black Forest Fire erupted close to the Waldo Canyon area in Colorado Springs, where a similar wildfire caused widespread destruction last year. "The Black Forest Fire has now become the most destructive fire in Colorado history," Lundquist said. It ultimately consumed 14,280 acres and 507 homes and caused two deaths.

During the fire's peak, eight shelters were opened for both people as well as animals large and small, Lundquist reports. More than 35,000 residents had to evacuate, he said, which placed a very heavy burden on the American Red Cross, which immediately requested ARES communication support between its eight various shelters and the Pikes Peak Red Cross headquarters. ARES volunteers responded by providing around-the-clock radio operators for several days.

Lundquist said in late June that several Jefferson County ARES members were still working on other fires within the state where their ARES members are assigned individually as

National Wildfire Coordinating Group (NWCG) certified communication technicians and radio operators. "Colorado Section and Regional ARES leadership has worked closely to support the local ARES districts and to provide ARES mutual aid in the form of communications equipment and ARES-trained manpower resources wherever and whenever needed," he said. -- Thanks to Perry Lundquist, W6AUN; Colorado SM Jack Ciaccia, WMØG, and Rick Palm, K1CE

Emergency Radio: Hams in India Support Emergency Communications Following Flood Disaster

Amateur Radio volunteers provided emergency communications in the flood-stricken state of Uttarakhand in northern India, after unusually heavy early seasonal monsoons caused flooding and mudslides in June. At least 800 people have died. Jim Linton, VK3PC, who chairs the IARU Region 3 Disaster Communications Committee, says the disaster caught everyone by surprise.

"The emergency communications provided by radio amateurs are well known to disaster authorities and the government, through their preparedness drills and other presentations," Linton said.

India's National Coordinator for Disaster Communication Jayu Mbide, VU2JAU, who is with the Amateur Radio Society of India (ARSI), told Linton that he had been in contact with two Amateur Radio stations active in the disaster area at Dehradun and Uttarkashi. "They have been sending messages via coordinating stations in Gwalior, New Delhi and elsewhere," he said. Linton said emergency communication support was expected to continue "for some time." Linton added.

According to the BBC, the early monsoons may be the heaviest in 80 years. "Swollen rivers have swept away entire villages in Uttarakhand, where there were many travelers in what is peak tourist season," the broadcaster reported. "Nearly 100,000 people have been evacuated from the affected areas in the Himalayan mountains." Government rescue efforts have included military helicopter drops of food, water and medical supplies to those trapped by the flood. -- Jim Linton, VK3PC, with Jayu Mbide, VU2JAU; BBC

**HAMTV PROJECT TO OPEN "A NEW ERA"
FOR ARISS**

The Amateur Radio on the International Space Station (ARISS) program hopes an Amateur Radio digital TV system will be up and running aboard the International Space Station by later this year. A project initiated by AMSAT-Italy, HamTV would provide one-way video and audio from the ISS to complement the FM radio voice link used for ARISS school group radio contacts. According to an overview paper drafted by ARISS-Europe Chairman Gaston Bertels, ON4WF, a DATV downlink on S-Band (2.4 GHz) is under development to place aboard the ISS Columbus module in August. Columbus already sports the necessary antenna. As a debate between the merits of analog versus digital TV aboard the ISS continued, Bertels says, the digital system got a big boost from Italian astronaut Paolo Nespoli, IZØJPA, who had conducted ARISS school contacts in 2010 and 2011, when he was aboard the ISS.

"At the initiative of AMSAT Italy, an Italian manufacturer, Kayser Italia, presented a project for an Amateur Radio DATV transmitter to ESA's [European Space Agency]

ARRL UPDATE CONT.

educational services," Bertels explains in his paper. ESA accepted the proposal in 2012 and contracted with Kayser Italia to develop and manufacture a 10 W EIRP "Ham Video" DATV transmitter for S-Band.

Receiving the DATV signal will be far more demanding than receiving VHF or UHF, Bertels notes in his overview paper. He said a study conducted by Piero Tognolatti, IØKPT, shows "that DATV decoding should be possible for a ground station equipped with a 1.2 meter dish, when the ISS is within a range of about 800 to 1000 km," limiting the DATV reception window to about 3 or 4 minutes during a favorable pass. According to Bertels, Kayser Italia is to provide five ground stations for siting in Europe. "It is hoped that amateurs will support other ground station 'chains' in other countries, as multiple stations are needed to provide up to 15 minutes of video in support of school contacts," Bertels explains in his paper. He says ARISS anticipates that similar chains of ground stations will be set up on other continents, to expand the system's flexibility.

"A new era opens for Amateur Radio on the International Space Station," Bertels concludes. -- Thanks to AMSAT News Service; Kayser Italia



AMATEUR RADIO HISTORY

THE WAYBACK MACHINE

BY BILL CONTINELLI - W2XOY

Picture the following scenario, in a slightly grainy black and white for added effect. It's the 1950's; a ham is sitting at his station, having a CW QSO. He's wearing a suit and tie, before him is a Hammarlund receiver, a Johnson Viking transmitter, and a homebrew modulator. On the wall are QSL cards and his Honorable Discharge Certificate. On the table is a collection of QST magazines, along with some curious pamphlets, with titles such as "Protect Them--Join Civil Defense", "America Calling--Take Your Place in Civil Defense", "It CAN Happen Here", "Know the Signals", and even a comic book featuring a character called "Bert the Turtle". While the Vibroplex clicks away, another radio sits in the background, quietly spitting out atmospheric noise. It's an AM Broadcast receiver, one of those 5 tube AC/DC models produced by the millions. This unit--an Arvin in an Art Deco plastic cabinet--is tuned to one of two triangular markings on the dial. Suddenly, the silence is shattered by a piercing 1000 cycle tone. The ham looks up, rips off his headphones, and listens to a message. He jumps from the chair, runs to the door and yells to his wife "Grab the kids and go down to the Fallout Shelter. The CONELRAD alarm just went off".

CONELRAD, which stood for "Control of Electromagnetic Radiations", had its embryonic start in December, 1951 when President Harry Truman signed an Executive Order directing the FCC to set up a security system for all civilian radio services. Throughout 1952, CONELRAD was developed and tested and, by early 1953, it was ready. The purpose of CONELRAD was to relay Civil Defense information to the public without allowing enemy aircraft to use our radio signals as a beacon for their direction finding equipment. In the event of an emergency, all FM, TV and most AM stations would proceed with the following alarm sequence:

>>CURRENT PROGRAMMING DISCONTINUED
>>5 SECONDS-CARRIER OFF THE AIR
>>5 SECONDS-UNMODULATED CARRIER
>>5 SECONDS-CARRIER OFF THE AIR
>>15 SECONDS-1000 CYCLE MODULATED CARRIER
>>1 MINUTE MAXIMUM-INITIAL CONELRAD MESSAGE
>>CARRIER OFF THE AIR FOR THE DURATION OF THE ALERT

The remaining AM stations would shift to either 640 or 1240 kc and simultaneously broadcast a more detailed emergency message. The stations would constantly turn their carriers on and off. For example, Station A, operating on 640 kc, would broadcast the emergency message for 15 seconds and suddenly cut its carrier. The public would then hear Station B, also on 640 kc, with the same message. When Station B went silent, Station C would appear and, after a few seconds, Station A would be back on the air. This "cluster pattern" would continue until the emergency message had been broadcast. The same activity would be happening on 1240 kc. No call signs or other ID would be given. In this way, the FCC and the Office of Civil Defense hoped to confuse enemy aircraft trying to use AM radio stations as a homing beacon.

The ARRL and the FCC realized that amateur stations might also serve as a beacon. Therefore, from the beginning, amateurs were urged to keep watch on 640 or 1240 kc, and to kill their transmitters when the alarm was given.

With the importance of CONELRAD in the early 1950's, it's surprising that amateurs were not required to monitor for the CONELRAD alarm. This was rectified on January 2, 1957 when the FCC amended Part 12 of the Rules and Regulations to require the following:

>>All operators of stations in the Amateur Radio Service will be responsible for the reception of the CONELRAD RADIO ALERT by monitoring 640 or 1240 kc.

>>During a CONELRAD RADIO ALERT, all operators of Amateur Radio Stations will CEASE COMMUNICATIONS IMMEDIATELY.

>>Stations operating under the Radio Amateur Civil Emergency Service (RACES), and other stations specifically authorized, would be allowed to remain on the air under the following restrictions:

- No transmission shall be made unless it is of extreme emergency, affecting the National Safety, or the Safety of life and property;
- Transmissions shall be as short as possible;
- No station identification or location shall be given. Tactical calls will be utilized if necessary.
- The radio station carrier shall be discontinued during periods of no message transmission.

>>Amateur Stations shall not allowed back on the air until the CONELRAD RADIO ALL CLEAR MESSAGE is transmitted.

With the requirement of continuous Broadcast Band monitoring, homebrew projects, kits, and commercial products began to appear to help the Amateur keep in compliance with Part 12.190. While some Amateurs simply used an AM radio, others bought or built specific CONELRAD receivers. Heathkit had the CA-1 CONELRAD Alarm; Morrow Radio had the CM-1 CONELRAD Monitor; and the Walter Ashe

WAYBACK MACHINE CONT.

Radio Co. had the model CA "Conelarm". Radio Shack's first transistor radio, which sold for a mere \$29.95 in 1958 dollars, was advertised as "perfect for monitoring CONELRAD".

When Class D CB Radio was authorized in September, 1958, the rules specified that CB'ers also had to monitor CONELRAD. In the event of an emergency, all Citizen Band operators had to leave the air--there was no RACES provision for them.

By the early 1960's, the possibility of long range enemy bombers homing in on our radio signals was becoming remote. Instead, Intercontinental Ballistic Missiles were the new threat. They didn't require our broadcast signals as Beacons. CONELRAD was becoming obsolete. Thus, in the autumn of 1962, CONELRAD was replaced by the Emergency Broadcast System. Ironically, CONELRAD disappeared right around the time it might have been needed the most--the Cuban Missile Crisis.

As the 1960's wore on, the Cold War gradually dissipated, and the Specter of imminent enemy attack disappeared. Today, only the faded "Fallout Shelter" signs, and those triangular markings on old AM radios remain to remind us of CONELRAD and the Cold War. As I write this, I can hear a Springfield Mass station on 640 khz, while a hetrodyne of Class 4 stations co-mingles on 1240. And yet, what is that I hear, faintly in the background?? A 1000 cycle tone??

Re-printed with permission. Wayback Machine #29 Copyright 1996, 2001 by William Continelli, W2XOY All rights reserved. These columns were originally written for the Schenectady Museum Amateur Radio Club.



NAME THAT RIG!



Each month I'll try to post a different radio for you to name.
Best of Luck! Winners get "Bragging Rights"
Last month's rig: National Airport Superheterodyne



COMING EVENTS

CERT Training – North County Fire Authority
See <http://www.northcountyfire.org> for more info.

CERT Training – San Mateo County
See <http://www.smcready.org/Community/Training.html> for more info.

QCWA NorCal Chapter 11 - Lunch at Harry's Hofbrau
3rd Wednesday of every month
1909 El Camino Real Redwood City, CA.
No host. 11:00AM to 1:00PM (approx).

ASVRO Silicon Valley Electronics Flea Market
2nd Saturday of each month from March through October.
De Anza College in Cupertino, CA. 7AM to noon
Web Page: <http://www.electronicfleamarket.com/>
Talk-In: W6ASH 145.27- (100Hz PL)
N6NFI 145.23- (100Hz PL)

LICENSE EXAMS

AERO-Auxiliary Emergency Radio Organization
Contact: Dave Gomberg
Phone: (415) 731-7793
Email: dave1@wcf.com
Web Page: <http://www.wcf.com/aero/exams/>
When: (see webpage for details)
Location: Jewish Community Center
3200 California Street at Presidio Avenue
San Francisco CA

Bay Area Educational Amateur Radio Society
Offering a one day study session for Technician or General theory, followed by testing. Fee: \$30.00
When: Sat. Jul. 13th, 2013
Where: Oracle Conference Center
350 Oracle Pkwy Redwood City, CA 94065
Registration required, class size is limited.
Web Page: <http://www.baears.com/> for info and registration.
Questions: Ross Peterson (650) 349-5349 or wb6zbu@arrl.net

Silicon Valley Volunteer Examiner Group
First and third Saturdays of each month, 8AM-11:00AM.
Saratoga Fire Station 14380 Saratoga Ave, Saratoga, CA
Fee: \$15
Walk-ins only, No pre-registration
E-mail: mojoteri@comcast.net
Phone: (408) 507-4698 (Morris Jones- AD6ZH)
Web Page: <http://www.svve.org>

Sunnyvale VEC Exam Sessions
Fee: \$15 Cash
Cut-off-time, 30 min. after starting time.
Exam: changes, directions, call (408) 255-9000 24/hr
E-mail: wb6imx@worldnet.att.net
Web Page: <http://www.amateur-radio.org>

Sat	July 13 th	Sunnyvale, CA	10:30	AM
Sat	July 20 th	Redwood City, CA	10:30	AM

Online Practice Exams

Within the practice tests, online study resources, (Wikipedia, NASA, ARRL, etc.), are provided for many of the questions. The list of resources available for each question is constantly growing because users can add their own favorite links to the study materials. Users can also track their test scores over time and see which sub-elements are giving them the most trouble. Practice Tests:<http://copaseticflow.blogspot.com/>

CARC MEETING/EVENT SCHEDULE

Jan 9 th	2013 Agenda Planning, LM Fire Station
Feb 13 th	2013 Agenda Finalizing, LM Fire Station
Mar 13 th	Pizza Meeting: Linda Mar Round Table Pizza
Apr 10 th	Meeting Night , LM Fire Station
April 18 th	Silver Dragon CERT Exercise, Daly City
May 8 th	New Ham Night , LM Fire Station
Jun 12 th	Field Day Planning Mtg, LM Fire Station
Jun 22-23	CARC Field Day, Sweeney Ridge
Jul 10 th	Field Day Wrap-Up Mtg, LM Fire Station
Aug 14 th	Back to School Night, LM Fire Station
Sept 11 th	Meeting Night , LM Fire Station
Sept 28-29	Pacific Coast Fog Fest, Pacifica
Oct 9 th	2014 Officer Nominations, LM Fire Station
Nov 9	Election Dinner, Nick's Restaurant - Rockaway
Dec 11 th	Holiday Potluck Dinner Meeting, LM Fire

? to be determined # updated ---- canceled * tentative date



www.smcready.org



In Memoriam



Roger G. Spindler-WA6AFT/SK

THE COASTSIDE AMATEUR RADIO CLUB

The Coastsides Amateur Radio Club (CARC) is affiliated with ARRL, and meets the second Wednesday of each month at 19:00 hrs. in the Linda Mar Fire Station Community Room, on Linda Mar Blvd. in Pacifica. Visitors are welcome.

The CARC has been organized since 1959, serving Bay Area amateurs, and providing emergency communications services to the City of Pacifica. Membership dues are \$20.00 per year for the administration of the Club and the publication of the Communicator.

CARC supports two repeaters, WA6TOW/R (VHF and UHF); a Packet Digipeater, WA6TOW-1; and an APRS Digipeater, WA6TOW-2. Users of the machines provide repeater support and maintenance strictly through donations.

VHF: 146.925 MHz –offset 600 KHz PL 114.8
UHF: 441.075 MHz +offset 5 MHz PL 114.8

PL Tone: 114.8 Hz is used on both repeaters, as needed, for noise suppression.

Packet Digipeater: 145.050 MHz, Packet Node: PAC
APRS Digipeater: 144.390 MHz.

CARC/Pacifica OES VHF Simplex: 146.535 MHz
PL Tone: 114.8 Hz is used, as needed, for noise suppression

VHF Net

The club sponsors a VHF net each Wednesday, with the exception of meeting nights, at 21:00 hrs. for membership check-ins, notices, and QST's. Note: The WA6AFT repeater on 440.725 MHz may be used as an alternate if the WA6TOW repeater is down.

HF Net

The club sponsors a HF rag chew net on 3.852 MHz, or the first clear frequency up/dn, on Saturday at 09:00 hrs. with an alternate frequency of 7.228 MHz.



The Coastsides Communicator is a monthly publication of the CARC. All articles contained herein are the opinions of the authors and not necessarily those of the club members or editor.

Permission is granted to reproduce any material of this publication; provided credit is given to the author, the Coastsides Communicator, and one copy of the reproduced article is sent to the club.

CARC, P.O. Box 1106, Pacifica, CA 94044



COASTSIDE NETS

Monday

07:30 PM on WA6TOW
146.925 MHZ, PL 114.8
San Bruno ARC Net

Tuesday

7:30 PM on WA6TOW
146.925 MHZ, PL 114.8
Daly City ARES Net

8:00 PM on WA6TOW 146.925 MHZ,
PL 114.8 and KC6ULT 146.865 MHZ,
PL 114.8 simultaneously, but not
linked. San Mateo County ACS Net

Wednesday

9:00 PM on WA6TOW
146.925 MHZ, PL 114.8
Coastside Amateur Radio Club
Wednesday Night Check-in.

Saturday

9:00 AM on 3.852 MHz, or the first
clear frequency up/dn.
(alt freq of 7.228 MHz.)
Coastside Saturday Morning Group.

10:00 AM on WA6TOW
146.925 MHZ, PL 114.8
QCWA Ch. 11 NorCal. Net

Sunday

7:00-7:30 AM on WA6TOW
146.925 MHZ, PL 114.8
Knights of the Megahertz Net

CLUB OFFICERS				
Office	Name	Call	Phone	E-Mail Address
President	David Rinck	K6DMR	(650) 359-8997	k6dmr@arrl.net
V. President	Ralph Bailey	K6DLZ	(650) 341-6236	kc6dlz@aol.com
Secretary	Mary Ellen Scherer	AJ6J	(415) 239-4513	aj6j@arrl.net
Treasurer	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
CLUB STAFF				
Control Operator	David Rinck	K6DMR	(650) 359-8997	k6dmr@arrl.net
Emergency Services	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
Field Day	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
Membership	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
Newsletter Editor	David Rinck	K6DMR	(650) 359-8997	k6dmr@arrl.net
Newsletter Publisher	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
Station Technician	Michael Herbert	WB6JKV	(650) 355-6541	wb6jkv@pacbell.net
Trustee of Club Call	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
Website	Scott Mercer	KI6SEJ	-	ki6sej@arrl.net



**MEETING
NOTICE:**

**JULY 10TH, 2013
LINDA MAR FIRE STATION
PACIFICA, CA
7:00 PM**

**FIELD DAY
WRAP-UP MEETING**

COASTSIDE COMMUNICATOR

DAVID RINCK, EDITOR
P.O. BOX 1106
PACIFICA, CA 94044

FIRST CLASS

TO:

