



THE COASTSIDE COMMUNICATOR

VOL. 45, No. 2

FEBRUARY 2013

WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

February is here, which means this month's meeting we will be finishing up our agenda for the year. We have added some dates to the events on page 7, and have a few more slots to fill. Please bring (or email them to me) your suggestions for activities/field trips that may be interesting to our members.

At the January meeting, a proposal was made to change the time our meeting starts to 7:00PM instead of 7:30PM. I would like your feedback on this idea. Please send me an email or leave a message on my phone (see back page) on your thoughts one way or another.

In March, we will be holding our meeting at the newly remodeled (and new owners) Round Table Pizza at the Linda Mar Shopping Center. This is a "no host" event, so place your order and enjoy your meal while we conduct our meeting. It's always a good time.

On April 18, there is a CERT "Silver Dragon" exercise in Daly City. If you are a CERT member and plan to participate, contact Captain Joe Spanheimer if you belong to Pacifica CERT, or Matt Luccett if you belong to Daly City CERT to sign-up.

For those club members interested in erecting a tower, we have used Rohn 25 tower sections (10ft) and top sections (9ft) as well as HAM rotators available from WA6AFT/SK QTH. Contact myself or Frank-N6FG if interested.

See you at the meeting.

73... David-K6DMR

JANUARY MINUTES

The January 9, 2013 meeting was called to order at 7:32 p.m. by our club president David Rinck-K6DMR at the Linda Mar Fire Station in Pacifica. Self-introduction by the members and guests followed.

The December minutes were corrected to show that members Dorene Bevington-KE6AGG and Mike Bevington-AA6XL were present and that Roy Brixen was not present. Dave Rinck-K6DMR explained that Roy's name had accidentally been added in during the cut-and-paste process of the newsletter preparation. Guest Arnott Smith corrected his call to read KF2TM rather than AF2TM. With those corrections, it was moved by Dave Lawrence-KF6TWW to approve the minutes as published in the *Coastside Communicator*. The motion was seconded by Ralph Bailey-K6DLZ and was unanimously passed by the membership present.

Club Secretary Mary Ellen Scherer-AJ6J requested that all members sign in carefully at each meeting so that their call can be easily read. Also, she asked that all members remember to sign in when they arrive in order to be included in the minutes as present.

TREASURER'S REPORT

Frank Erbacher-N6FG read the report of the club's financials: \$1464 in the General Fund; \$6,780 in the Repeater Fund; \$788 in the Digipeater Fund; and \$6,040 in the Public Service/EOC Fund. These individual fund totals add up to a club total of \$14,072.

Frank-N6FG stated that he withdrew \$300 in cash to pay bills, which included \$166 to reimburse Dave Rinck-K6DMR for a battery.

Frank informed the members that the Club received a check in the amount of \$1100 for its participation in the 2012 Fog Fest. Frank moved that this money be deposited into the Public Service/EOC Fund. The motion was seconded by Casey Villyard-N6TZE and unanimously passed by the members present.

Frank reported that the cost for CARC's PO Box has increased to \$120. Frank moved that he be authorized to pay this bill. The motion was seconded by Dave Lawrence-KF6TWW. Casey Villyard-N6TZE proposed a friendly amendment to the motion, specifically that the Club Treasurer be authorized to pay any of the Club's recurring costs, including the PO Box, newsletter publication, mailings, printing and copying, insurance, supplies, without the need for further membership vote. Frank accepted the amendment and seconded it. The amended motion was unanimously passed by the members present.

MEMBERSHIP

Frank informed the membership that the Club membership stands at 87, including 23 renewals and one new member, Ed Hillard-W3SH.

COMMUNICATIONS

Frank stated that the December US Bank statement and a copy of the December *Short Skip* from Santa Cruz had been received.

COMMITTEE REPORTS

REPEATER

Operational

Dave Rinck-K6DMR said that no recent trips had been made back up to the repeater because of the wet weather. Dave said that the controller battery still needs to be replaced. He said

COMMITTEE REPORTS CONT.

that there are custom controllers with no documentation. Frank-N6FG promised to look through the documents he has stored for anything related to the repeater. Casey-N6TZE requested that Frank search the documents as quickly as possible. Casey-N6TZE said that the plan is to start putting together a new, modern, smaller, modular repeater in the next six months which would be fully documented and which would be transitioned in. Casey said that he and Dave-K6DMR would first spec it out, and that it's important to set up something stable, redundant, and that parts are readily available for. He also said that with the return of the noise on the repeater, it should be easier to capture what's going on. To assist in the investigation, Casey requested that members make note of the specific time the noise is heard, whether the noise brings the repeater up, etc.

AUTOPATCH

Operational

DIGIPEATER

Operational

APRS

Operational

EMERGENCY SERVICES

Mary Ellen Scherer-AJ6J reported that this year's Silver Dragon is scheduled for Thursday, April 18.

Casey Villyard-N6TZE reported that a demonstration of packet use in Santa Clara County was given at the San Mateo County CERT Communications Committee meeting in October. He said that Dave Richards-AF6MN, of Half Moon Bay, a leader of the San Mateo CERT Comm group, would like to pursue packet for San Mateo County. Casey said we might want to consider setting up a packet station in the EOC in Pacifica.

FIELD DAY

No Report

FOG FEST

No Report

NEWSLETTER

Published

WEBSITE

Operational

Mary Ellen Scherer-AJ6J said no photos from 2012 have been uploaded.

BYLAWS

Deferred to the unfinished business section of meeting

UNFINISHED BUSINESS

BYLAWS — Mary Ellen-AJ6J offered the opinion that there is insufficient time being set aside for a meaningful discussion of the proposed new bylaws, and that given the tedious nature of the task, it would be preferable not to drag the process out over many meetings. It was moved by Casey-N6TZE that further bylaws review would be agendaed for the April and

May meetings. The motion was seconded by Frank-N6FG and unanimously passed by the members present. Mary Ellen-AJ6J moved that the opening business at these two meetings would be limited to 15 minutes in order to allow forty-five minutes for bylaws review. The motion was seconded by Casey-N6TZE and unanimously passed by the members present.

NEW BUSINESS

MEETING START TIME – Mary Ellen-AJ6J moved that future Club meetings begin at 7 p.m. rather than 7:30 p.m. to allow for time at the end of the meetings for socializing. The motion was seconded by Cheryl Crofts-KJ6RNK. During discussion Casey-N6TZE suggested that this idea be submitted to the full membership for feedback before proceeding. The motion was withdrawn, and it was agreed this idea would be presented via the next *Coastside Communicator* and an email to the membership for feedback.

MEETING CONTENT — Mary Ellen-AJ6J suggested that there is really no reason to use meeting time to run through an agenda that always includes such items as Fog Fest, Newsletter, Website, Field Day, Digipeater, APRS, Emergency Services and Autopatch. She said she felt they should only be included when relevant for a particular meeting, thus saving time for unfinished and new business. After discussion, it was agreed these items would be taken up at meetings at the discretion of the Club President.

FUTURE MEETING AGENDA ITEMS — Dave-K6DMR said that Roy Brixen-KE6MNJ has agreed to continue the Back-To-School Night tradition and will make a presentation at the August Club meeting. Dave reported that Roy also recommends as a future field trip a visit to the *Red Oak Victory* in Richmond. According to Roy, "The radio room is amazing."

Casey-N6TZE said he's still interested in having a Saturday morning "drive-in-your-car-with-a-partner" style T-hunt.

Mary Ellen-AJ6J suggested that a packet presentation would be interesting and useful.

Frank-N6FG suggested a visit to the Railroad Museum in Sacramento would be interesting.

MOTION TO ADJOURN

At 8:39 p.m. Frank-N6FG moved that the meeting be adjourned. The motion was seconded by Casey-N6TZE and passed unanimously.

PRESENT AT THE MEETING

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

Officers: President: Dave Rinck-K6DMR; Vice-president: Ralph Bailey-K6DLZ; Secretary: Mary Ellen Scherer-AJ6J; Treasurer: Frank Erbacher-N6FG

Members: Cheryl Crofts-KJ6RNK, Dave Lawrence-KF6TWW, Walt Long-KG6EDY, Casey Villyard-N6TZE and Joshua Villyard-N6TZF.

Visitors: Arnott Smith-KF2TM.

Reported by Mary Ellen Scherer-AJ6J, Secretary

NEWS

ARRL UPDATE

FCC DENIES MISSOURI HAM'S PETITION REGARDING CC&RS

On January 28, the FCC denied a Petition for Reconsideration (PFR) filed by James E. Whedbee, N0ECN, of Gladstone, Missouri. Whedbee filed the PFR in May 2012 in response to the FCC denying his Petition for Declaratory Ruling (PDR) filed in April 2012 that urged the FCC to address covenants, conditions and restrictions (CC&Rs).

In his PDR, Whedbee argued that CC&Rs restrict Amateur Radio facilities in violation of Section 310(d) of the Communications Act of 1934, as amended. He also asserted that there is a "controversy of CCR enforcement against Amateur Radio operators," and "requested a declaratory ruling terminating the controversy by holding that such CC&Rs are unenforceable."

The FCC concluded that the Mobility Division "properly acted" on Whedbee's PFR: "Given the opportunity for public comment already afforded by the Public Notice and the opening of GN Docket No. 12-91, and in light of the pendency (and later release) of the Commission's report to Congress and the statutory purpose of that report, your Petition was moot, premature, repetitive and frivolous."

2013 FIELD DAY PACKET NOW AVAILABLE

It's that time of year again -- time to start gearing up for ARRL Field Day, June 22-23, 2013! ARRL's flagship operating event -- always held the fourth full weekend in June -- brings together new and experienced hams for 24 hours of operating fun.

Field Day packets are now available for download and include the complete rules, as well as other reference items such as forms, ARRL Section abbreviation list, entry submission instructions, a Frequently Asked Questions section, guidelines for getting bonus points, instructions for get-on-the-air stations and a kit for publicizing your event with the local press. New for 2013: Stations operating as Class A or B may begin setting up at 0000 UTC on Friday (which will be Thursday 8 PM EDT, 7 PM CDT, 6 PM MDT and 5 PM PDT). The groups may start and stop their set-up, resuming the set-up later, but may spend only a maximum of 24 hours cumulative time for setting up their sites.

An informational flier with basic "What Is Field Day?" has also been included in this year's Field Day packet. Amateur Radio clubs and individuals are encouraged to reproduce this flyer as a handout.

BSA TO OFFER AMATEUR RADIO OPERATOR RATING STRIP

The Boy Scouts of America (BSA) has approved an Amateur Radio Operator rating strip for Scouts and Scouters to wear on

their uniforms. According to BSA Communication Services Director Jim Wilson, K5ND, the strip recognizes the Scout or Scouter's availability as an Amateur Radio operator for communication services for events and activities, as well as emergencies. All registered youth members and adult leaders who also hold a valid FCC-issued Amateur Radio license of any class are eligible to wear the rating strip.

"Last year, the BSA Awards and Insignia Committee introduced the Morse Code Interpreter Strip upon the recommendation of the BSA's National Radio Scouting Committee," Wilson told the ARRL. "We are always looking for ways to promote Amateur Radio, both within Scouting and to the world. The National Radio Scouting Committee thought this new Amateur Radio rating strip was a wonderful way to do exactly that, as it readily identifies to everyone that the wearer is a licensed radio amateur, prepared to be useful and to help others."

Wilson, who heads up the National Radio Scouting Committee, said that the Amateur Radio Operator rating strip is similar to the Amateur Radio Operator badge offered as a proficiency badge by Scouts Australia, as well as the badge recently introduced by Scouting Netherlands. It follows in the footsteps of the Scout Radioman personal interest badge for Senior Scouts and Explorer Scouts that was offered by the Boy Scouts of America in the 1940s. The strip is worn on the right sleeve.

ICELANDIC AMATEURS GET MF PRIVILEGES

According to the Íslenskir Radióamatörar (IRA) -- Iceland's IARU Member Society -- radio amateurs in Iceland now have operating privileges on 472-479 kHz (630 meters) as of January 16. Amateurs in Germany, Sweden, the Netherlands, New Zealand and Monaco already have operating privileges in this portion of the MF spectrum.

Delegates at the 2012 World Radiocommunication Conference (WRC-12) approved this method of addressing of Agenda Item 1.23, which proposed the allocation of approximately 15 kilohertz between 415 and 526.5 kHz. After discussions and taking into account spectrum conflicts with the Maritime Mobile Service, delegates ultimately decided to allocate 472-479 kHz to the Amateur Radio Service on a secondary basis.

160, 60 and 4 Meters

Iceland's Post and Telecom Administration (PTA) -- the Icelandic equivalent to the FCC -- extended temporary permits on 160 meters (1850-1900 kHz), 60 meters (5.260-5.410 MHz) and 4 meters (70.000-70.200MHz), effective January 1.

160 Meters: The temporary allocation on 1850-1900 kHz has been renewed for 2013 on a secondary basis. This allocation may only be used during the duration of 10 designated international Amateur Radio contests and is in addition to the international Region 1 allocation of 1810-1850 kHz.

60 Meters: The temporary allocation on 5.260-5.410 MHz has been renewed for 2013 and 2014 on a secondary basis. Permissible modes are USB, CW and PSK-3 with a maximum bandwidth of 3 kHz and a power limit of 100 W.

4 Meters: The temporary allocation on 70.000-70.200 MHz has been renewed for the calendar years 2013 and 2014 on a secondary basis with a maximum bandwidth of 16 kHz and a power limit of 100 W.



ITU OFFERING FREE DOWNLOAD OF 2012 INTERNATIONAL RADIO REGULATIONS

The International Telecommunication Union (ITU) is offering an electronic version of the 2012 International Radio Regulations at no charge. These regulations incorporate the decisions of the World Radiocommunication Conferences of 1995 (WRC-95), 1997 (WRC-97), 2000 (WRC-2000), 2003 (WRC-03), 2007 (WRC-07) and 2012 (WRC-12), including all Appendices, Resolutions, Recommendations and ITU-R Recommendations incorporated by reference.

While Article 25 of the International Radio Regulations defines the Amateur Radio Service, the regulations as a whole define the allocation of different frequency bands to different radio services, as well as the mandatory technical parameters to be observed by radio stations, procedures for the coordination and notification of frequency assignments made to radio stations by national governments and other procedures and operational provisions.

The free download -- as well as paper copies and a DVD -- are available in English, Arabic, Chinese, Spanish, French and Russian. While the electronic version is available at no charge, the individual paper versions and the DVD containing versions in all six languages cost CHF 398 (approximately \$438 USD). The free download is available through mid-2014.

AMATEUR RADIO HISTORY

THE WAYBACK MACHINE

BY BILL CONTINELLI - W2XOY

World War II started on September 1, 1939, when Germany invaded Poland. By May, 1940, Germany had conquered much of Europe, and had her sights on Britain. Although the United States was officially neutral, it was obvious that our sympathies were with the Allies. In addition, it was clear to a few perceptive Americans that we would be drawn into the conflict.

Amateur Radio Operators, like most Americans, began to gear up for War. On June 4, 1940, the FCC issued Order #72, which prohibited amateurs from engaging in foreign communications, or from establishing contact with any or all points outside the continental U.S. and its possessions. The FCC was quite serious about this--they revoked the licenses of several hams who had contact with foreign stations. The "How's DX" column was jokingly referred to as "Where's DX"--so many foreign hams, including our neighbors in Canada, had been off the air since September, 1939.

Throughout 1940 and 1941, the face of amateur radio changed with the darkening war cloud. The War Department sent out a questionnaire to all hams to obtain data on equipment, experience, physical fitness, and availability for service. Columns devoted to the military began to appear, such as "Army-Amateur Radio System Activities", which included the schedule of station WAR on 4025 and 6990 kc. Other columns were "Naval Communication Reserve Notes"; "In the Services", which listed amateurs now in military service; and "USA Calling", which published requests from the Navy, Marines, Army, Army Air Corps, Signal Corps, Merchant Marine, and even the FBI for amateurs proficient as radio operators, electronic specialists, electrical engineers and Communications Officers. In the summer of 1940, the British

used the "USA Calling" column to issue an urgent appeal for radio servicemen and amateurs for their Civilian Technical Corps. Up to 25,000 Americans were requested by the British.

Foreign espionage invaded the ham bands in 1940. The FBI, in a successful bid to capture several foreign agents in the U.S., operated a counter-espionage station in the 20 meter band. Using a phony amateur call, the FBI passed over 500 messages to various spies before arresting them.

Amateurs were members of the Defense Communication Board, which met every week to prepare for a military emergency.

Amateurs also made their own preparations for a national emergency. QST ran several editorials urging hams to improve their cw skills. Many articles appeared on "emergency" equipment, such as vibrator power supplies (to supply the B+ voltage for tubes), battery operated radios, and mobile stations. The 2 1/2 meter band (112-116 mc) was chosen as the primary "Civil Defense" band, and every issue of QST had another 2 1/2 meter construction project, including a few "Walkie-Talkies". Civil Defense coordination and participation was urged.

On July 22, 1941 the FCC, in response to the National Emergency, announced that the 3650 to 3950 kc portion of 80 meters would be withdrawn from amateur use and reassigned to the military for use in an Aircraft Pilot Training program.

Amateurs were given a few months to vacate the band, and preparations were made to move popular 80 meter nets to 160. But before the reassignment was completed in December 1941, Pearl Harbor was attacked.

On December 8, 1941, the FCC issued Order Number 87, which read in part:

Whereas a state of War exists between the United States and the Imperial Japanese government, and the withdrawal from private use of all amateur frequencies is required for the purpose of National Defense; IT IS ORDERED, that except as may hereafter be specifically authorized by the Commission, no person shall engage in any amateur radio operation...and all frequencies heretofore allocated to amateur radio stations under Part 12 of the Rules and Regulations ARE HEREBY WITHDRAWN. All amateur licensees are hereby notified that the Commission has ordered the immediate suspension of all amateur radio operation in the continental U.S., its territories and possessions.

However, the FCC left a small loophole for amateur operation during the war. Amateurs would be allowed to operate for the purpose of National Defense, upon application of a Federal, State, or local official.

In our next installment, we will look at some amateur operations during WWII. Some will surprise you.

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CARC PUZZLER

Pondering a possible purchase puts the potential pocketbook provider in a pickle! Unless, that is, they are a savvy savant of specifications. This quiz will lead you through a jumbled jam of jargon to see how well you speak the language of the specification! By H. Ward Silver-N0AX

- 1) Which one of these units is used to describe a receiver's sensitivity?
 - a. decibels
 - b. microamps
 - c. volts/meter
 - d. microvolts
- 2) What does "TOI" stand for?
 - a. threshold of instability
 - b. third-order intermodulation
 - c. total overload immunity
 - d. tested omnidirectional insubordination
- 3) Which of the following is a method of specifying transmitter output power?
 - a. DTMF
 - b. IMD
 - c. PEP
 - d. CCITT
- 4) What is measured by a two-tone test?
 - a. a transmitter's linearity
 - b. power dissipation by a transceiver
 - c. cabinet finish quality
 - d. phase noise in an oscillator
- 5) An antenna's SWR bandwidth is the frequency range over which its...
 - a. SWR can be reduced to unity by an antenna tuner.
 - b. feed point impedance equals 50 ohms.
 - c. SWR is less than 2:1.
 - d. SWR causes transmitter output to be reduced by 1 dB or less.
- 6) Which of the following is used to specify antenna gain?
 - a. dBV
 - b. dBW
 - c. dBd
 - d. dBm
- 7) How is an antenna's wind load specified?
 - a. in-lb
 - b. square feet
 - c. acre feet
 - d. kg/m
- 8) Insertion loss is used to measure the performance of what equipment?
 - a. dummy load
 - b. audio recorders
 - c. low-pass filter
 - d. high voltage power connectors
- 9) Which parameter describes a preamp's contribution to received noise?
 - a. noise figure
 - b. noise gain
 - c. noise bandwidth
 - d. shot noise

- 10) Which of the following is another way of specifying SWR?
 - a. peaking factor
 - b. return loss
 - c. rise time
 - d. standoff voltage
- 11) Which of the following is a unit for specifying feed line loss?
 - a. percent shield coverage
 - b. characteristic impedance
 - c. nepers
 - d. dB/meter
- 12) A receiver's blocking dynamic range (BDR) measures its ability to respond linearly in the presence of what type of signals?
 - a. image
 - b. off-mode
 - c. multi-path
 - d. strong
- 13) Which is used to evaluate a band-pass filter's ability to reject undesired signals?
 - a. Q
 - b. notch depth
 - c. pass-band ripple
 - d. ultimate attenuation
- 14) How is a digital voltmeter's precision specified?
 - a. accuracy
 - b. resolution
 - c. input impedance
 - d. jitter
- 15) Duplexers use this parameter to show how well they prevent signals from coupling between bands:
 - a. insulation
 - b. insurrection
 - c. isolation
 - d. deviation

Bonus: What kind of a device could be characterized as having steep skirts?

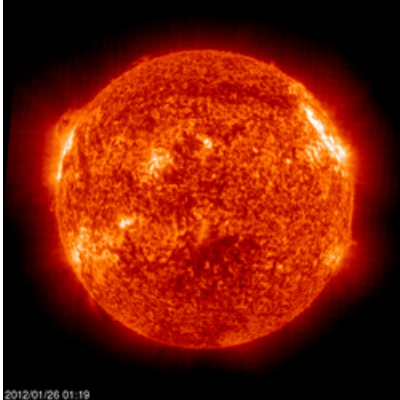


THE 2013 MEMBERSHIP FORMS
ARE NOW AVAILABLE!

RENEW YOUR MEMBERSHIP
TODAY!

CONTACT FRANK-N6FG

SOLAR UPDATE



THE K7RA SOLAR UPDATE

Tad Cook, K7RA, reports: The average daily sunspot numbers hardly changed from last week and the week prior, but the average daily solar flux bounced back to about the level it was from two weeks ago: The average daily sunspot numbers were down 5 points to 50.7, while the average daily solar flux was up 7.7 points to 106.4. The predicted solar flux values are 105 on February 7-9, 110 and 105 on February 10-11, 100 on February 12-14, 115 on February 15-16, 110 on February 17, 115 on February 18-19, 110 on February 20-21, 105 on February 22, 115 on February 23-24, then 110, 105 and 100 on February 25-27, and back down 95 on February 28 through March 2. The predicted planetary A index is 5, 8, 18 and 10 on February 7-10, 5 on February 11-18, 8 on February 19, 5 on February 20-21, then 15, 10 and 8 on February 22-24, 5 on February 25-28, then rising to 10 and 8 on March 1-2. Look for more on the ARRL website on Friday, February 8. For more information concerning radio propagation, visit the ARRL Technical Information Service Propagation page.



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: Collins KWS-1*

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: Sun. May. 12th, 2013 (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. Apr. 20th, 2013
Where: Los Altos Hills Town Hall Council Chambers
26379 Fremont Road Los Altos Hills, CA 94022
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	Feb 9 th	Sunnyvale, CA	10:30	AM
Sat	Feb 16 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	Meeting 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 19:30 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.

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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				
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**MEETING
NOTICE:**

**FEBRUARY 13, 2013
LINDA MAR FIRE STATION
PACIFICA, CA**

**2013 AGENDA FINALIZING
MEETING
7:30 PM**

COASTSIDE COMMUNICATOR

DAVID RINCK, EDITOR
P.O. BOX 1106
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FIRST CLASS

TO:

