



THE COASTSIDE COMMUNICATOR

VOL. 47, No. 6

JUNE 2015

WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

Greetings,

Field Day is the last weekend of this month, June 27th & 28th. Again we will be on Sweeney Ridge at the Portola Discovery Site. The discussion for this month's meeting will be preparations for Field Day. Please come and join us on the Ridge. Help is needed for set-up, operating, and then take down of the site. If you don't know how to pull up a tower with a gin pole, come help set-up; it's a good skill to know. Meet at the end of Sneath Lane at 8:00 am Saturday morning. Or you could come up and operate the radios, from Saturday morning to Sunday morning, at whatever time works for you. Then, Sunday morning we will need help packing up the equipment and getting off the ridge. Please RSVP to Frank, n6fg@arrl.net, so he will know who is coming. Also Frank will share the gate code with you.

The weather for Field Day on Sweeney Ridge can range from Arctic cold to desert hot, so please bring appropriate clothing and sun protection.

We have a trip to Cable Car Power House and lunch at Scoma's Seafood on June 13th. An email was sent last week with the details, and you should find also find them elsewhere in this newsletter. Please RSVP to Roy, KE6MNJ, at rebrixen@well.com by the June 10th Meeting, since he is coordinating the trip. We will discuss the trip at the Meeting, and if we do not have enough participation, the trip will be canceled.

We are still working out the details of our trips for this year; a repeat trip to the De Anza Swap Meet and trip to Halted Electronics Supply; and a Tour of the Computer Museum.

I hope to see you at the meeting on June 10th.

73,

Walt-KG6EDY

MAY MINUTES

The May 13th meeting was called to order at 7:30 p.m. by our club president, Walt Long-KG6EDY at the Linda Mar Fire Station in Pacifica. Self-introductions by the members and guests followed.

TREASURER'S REPORT

Frank Erbacher-N6FG read the report of the Club's financials: \$1,268.30 in the General Fund; \$2554.51 in the Repeater Fund; \$735.41 in the Digipeater Fund and \$9,176.11 in the EOC/Public Service Fund. These individual fund totals add up to a club total of \$13,837.33.

The treasurer paid \$23 for mailing and publication of the Coastside Communicator newsletter.

MEMBERSHIP

Frank informed the members that CARC currently now has 57 members 55 licensed and 2 unlicensed. There are 17 members who have not renewed.

COMMUNICATIONS

Frank stated that the April bank statement was received by the Club. The Short Skip newsletter was received from the Santa Cruz ARA.

COMMITTEE REPORTS

REPEATER

Casey-N6TZE reported that the new repeaters will soon be at Dave-K6DMR residence for testing.

AUTOPATCH

Offline (on the hill)

DIGIPEATER

No Report

APRS

No Report

EMERGENCY SERVICES

No Report

FIELD DAY

Frank-N6FG announced that once again we will be having Field Day on June 27-28. David-K6DMR will apply for the permit with the GGNRA for the Sweeney Ridge site.

FOG FEST

Frank-N6FG noted that the event is slated for September 26 and 27.

NEWSLETTER

Published

WEBSITE

Operational

UNFINISHED BUSINESS

A discussion of possible planning options was suggested, including a return trip to the De Anza Swap Meet June 6th (Last Swap Meet of year) by Walt-KG6EDY. Other possible upcoming events include a trip to the San Francisco Cable Car Barn and Powerhouse, June 13th, and a tour of the Computer

Unfinished business cont.

Museum. Details are still being worked out. Additional ideas for trips may be proposed.

Casey Villyard-N6TZE reminded the membership that the Devil's Slide Ride will be on July 18th. Volunteers are welcome to help mark the course on July 17. Please contact Richard Lira-KK6PCC to add your name to the volunteer list.

Ed-KD6TWK moved to approved the minutes as published, and it was Seconded by Frank-N6FG and passed by the membership present.

NEW BUSINESS

The Devil's Slide Ride is scheduled for July 18th. See Casey-N6TZE for more information.

Professor Roy Brixen announced he would give a presentation at the July meeting on DX Prediction Programs.

ADJOURNMENT

Meeting Adjourned at 8 PM for Pie and Ice Cream provided by Casey- N6TZE and Roy- KE6MNJ

PRESENT AT THE MEETING

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

Officers: President: Walt Long-KG6EDY, Treasurer: Frank Erbacher-N6FG, Secretary: Cheryl Crofts-KJ6RNK

Members:

Tom Oliver -KJGOGL, Roy Brixen-KE6MNJ, Carmel Gallagher-KJ6ERS, Richard Lira-KK6FCC, Audrey Villyard-WA2KPS, Casey Villyard-N6TZE
Charles Tillman -KG6CTT (new member)

Visitors: none

Reported by Cheryl Crofts- KJ6RNK

**NEWS****CARC GOES TO THE SF MUNI CABLE CAR BARN AND POWERHOUSE**

Saturday, June 13th, 2015

Its road trip time and big city adventure time!!!! On Saturday, June 13th (just before the tourists hit town) we're going on the road with a club tour to the San Francisco Muni Cable Car Barn and Powerhouse. You can check this cool place out at <http://www.cablecarmuseum.org/info.html>. Bring your HT tuned to WA6TOW so we can rescue you, guide you, or bail you out if you get lost or get into trouble. Wear comfortable walking shoes. Bring a camera and shoot some memories.

Here's the trip plan, the times, and the costs (DO NOT EVEN CONSIDERING DRIVING--THERE IS ZERO PARKING NEAR THE BARN):

Drive to Daly City BART Station—be on the platform at 9:00 AM sharp as the trains depart at 9:02 AM and 9:10 AM—cost of ride is \$3.15.

Travel on BART to Powell St. Station—about 20 minutes

Exit Powell St. Station and walk to Powell and Market Cable Car Turntable—about ½ block plus time to deal with street musicians (aka English majors), panhandlers, drug dealers, and hookers (just kidding).

Board either the Powell-Mason or the Powell-Hyde Cable Car heading north toward the Wharf. DO NOT seek a seat in the cabin. Half the fun is outdoor bench seating, better yet is standing on the running boards and holding on for dear life.

Buy a 1-Day Visitor Passport from conductor on board--\$17.00. (This is a good deal because there are no transfers allowed on the Cable Cars—a single fare is \$6.00 and the Passport is good on all of Muni.)

Get off the Cable Car at the Museum—both lines have a stop just for this visit. The conductor and the grip man will call out the stop. The Cable Car Barn and Powerhouse is located on the corner of Mason and Washington Sts. at 1201 Mason St.

Tour the Cable Car Barn and Powerhouse. Cost if free.

Return options:

A. Re-board a Wharf bound Powell-Hyde Cable Car and ride to the end of the line, basically the east end of Aquatic Park. Walk one block north to Jefferson St. Turn east and walk two blocks to Scoma's Seafood for lunch (\$20 to \$35/head). Scoma's is out on the water on Pier 47. After lunch, walk back to the east end of Aquatic Park and take the Powell-Hyde Cable Car back to Powell and Market—use your Passport to pay the fare. Reboard BART for return to Daly City and homeward bound (another \$3.15).

B. Re-board the Wharf bound Powell-Hyde Cable Car and ride to the end of the line, basically the east end of Aquatic Park. Walk one block north to Jefferson St. Turn east and walk two blocks to Scoma's Seafood for lunch (\$20 to \$35/head). Scoma's is out on the water on Pier 47. After lunch, walk to the corner of Jefferson and Jones Sts. (just off Pier 47) and board the F-Line bound for Castro St. Your Muni Passport will pay your fare. At Powell St. exit the F-Line streetcar and re-board BART for return to Daly City and homeward bound (another \$3.15).

C. I don't like seafood. Board a Powell Street bound Cable Car and ride to the end of the line at Powell St. Your Muni Passport will pay your fare. Then, reboard BART for return to Daly City and homeward bound.

D. Note: when you reach Powell St. Turntable on your return from the trip you can scalp your Passport to another tourist for \$\$\$. The Passport is good till Midnight on the day of issue. If you choose to do this, be discreet in your street transaction. The eyes in the sky may see this as a dealer and his/her client and will react accordingly. Visits to the new Hall of Justice and County Jail tours are not part of this club activity.

I need a head count for lunch. PLEASE RSVP if you want to join us for lunch at Scoma's. Email your RSVP to rebrixen@well.com.



CARC FIELD DAY 2015- JUNE 27 AND 28, 2015

We NEED YOU as VERY FEW Club Members and others have signed up for set up, take down AND operating for this Yearly ARRL Nationwide and Canadian event. The event idea is to contact as many Amateur Radio Stations as possible operating in US and Canadian territory. The event operation is for 24 hours continuously. Purpose is to stimulate interest in operating with Emergency Equipment and setups whether in homes, offices, hospitals, EOCs, etc. Well you get the idea. See <http://www.arrl.org/field-day>

COASTSIDE ARC FIELD DAY

Our club intends to operate at the Portola Discovery Site, GGNRA, Sweeney Ridge, which is a vehicle restricted area. Vehicle access is controlled by a locked gate. We receive its combination usually the day before this event. Our Club's Field Day operation usually consists of 2 HF Stations with a full sized 20 and, if we have enough help, a 15 meter beam both up about 30 feet, and hopefully a VHF/UHF FM station. We will scale operations up or down as needed according to the number of volunteers and set up help.

Over night operators usually sleep in their cars parked nearby. Others go home rest and come up later or in the night to operated and /or take down. We try to schedule persons if we can. **FIRST TIMERS ARE WELCOMED!**

Even if you may only stay and assist for a short time, please do so. For setup there are a number of lesser skilled, less demanding efforts such as untangling ropes, coiling and uncoiling coax, and moving things that are needed for those doing the heavier efforts. ALL help is welcomed. Contact us if you can ahead of time. Or just show up which is the main thing. Come try your hand at operating with us in this ARRL Yearly "Field Day" Exercise.

Location: Portola Discovery Site, GGNRA, Sweeney Ridge

Starts: 8 AM- MEET AT GATE. June 27th, Operating starts at 11 AM

Ends: 11 AM June 28th, Tear Down starts 9 AM. Operating Ends 11 AM. All equipment should be packed up to before 1 PM

The GGNRA permit approval to enter this site is in the final stage. The combination will be available after it is checked on site. An E-mail will then go all members. Call the phone numbers above for information. The Permit requirement is that **ONLY CLUB MEMBERS** may have the combination information. Visitors are welcome accompanied by CARC members.

Vehicle Access: Via the West End of Sneath Lane from Skyline Drive. There is a locked gate at that point. The Combination lock **MUST** be off the combination to be locked when closed after you pass through. Set the 4 dials to ZERO afterwards. Yank on the lock to make sure it is really locked. This is a permit requirement. You must bring a flash light for night use at the gate.

This is a GGNRA site with a narrow one way winding road. The up hill vehicle has the right of way so look ahead and pull over at the wider spots. Drive very slowly **ALWAYS**. And be extremely courteous to all walkers, bicyclists, and hikers and

their pets. They **WILL NOT EXPECT** vehicles and with the wind, they will not hear you. They may be irritated that you are there as they use the area often. We want to **KEEP** our welcome up there.

Parking Site is at the top of the hill as the paved roadway flattens out and turns to the right. Turn **LEFT** off the paved roadway onto a dirt road and almost immediately park to the right under the power lines. Keep the road clear for Park Rangers and other official vehicles. This is where all vehicles park except those used for operating. The Operating Site is about 100 yards further southerly on that dirt road and is to the left at the knoll.

Permit Rules:

Fire Danger Area- **PERMIT PROHIBITION** NO outside cooking or open flames allowed. Our Generator is the only potential fire source except smokers. **NO SMOKING** is allowed in any operating positions and is discouraged in general because of the Fire Danger and liability. Other site visitors not in our control are a concern so please watch them if they smoke.

Drinking: **ALCOHOLIC BEVERAGES ARE PROHIBITED** so **DO NOT BRING THEM**. Bring plenty of other liquids for your own use.

Do Not Damage plants, etc. on this site.

Clean up after yourselves and help police our area of any trash. The winds will blow every thing around. CARC will have a trash can and a recycling bag. Our use area **MUST** be cleaned up before we may leave.

The Operation

There usually are a larger number of persons at the start. Since there are only limited operating positions, they must be shared. Persons with Field Day experience should help train the newer operators when they arrive to share the experience. Those that can stay or come back later in the day/night to operate please limit your time during this period.

Normally there will be only be 2 operating chairs and one spare chair in each the HF operating stations which are two vans that are available sheltered from the elements.

This site is a Monument Area with no improvements but it has great views; and it is a wonderful Amateur Radio site.

However it is a windy hilltop area without trees and only shrub bushes. There is Poison Ivy in the bushes so please be careful. If you need to know what it looks like ask someone to point it out to you.

The only night lighting available is at the operating area and is very minimal.

What To Bring

Set Up and Take Down: Bring working gloves if you have them. Also hand tools like Philips and flat screw drivers, knife, pliers, 7/16" and 1/2" hand wrenches.

Clothing, etc: Sun Screen is a must. It is most often windy and wet at night and for that matter during the day. Or it can be as hot as all blazes during the day and very cold if clear at night. Layers of clothing are best. Long Johns are a good idea especially at night and warming gloves help at times. Operating positions have little or no heat.

Food and Cooking: Each person supplies **THEIR OWN FOOD**, water and beverage needs while there. Open flame cooking is not permitted by permit. We will have a pot of hot

Field Day cont.

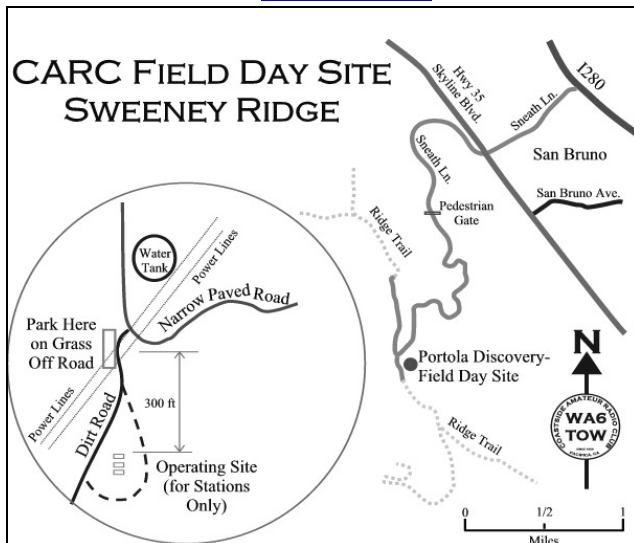
water going all the time for your use. There will be instant coffee, hot chocolate and cups. Saturday PM at some point here should be a Pizza paid by CARC. Who goes for it and when is determined by the Field Day Chairman at the site. There is a cost limit however so don't show up just to eat.

Sleeping/Resting: Bring your Flash Lights and spare Batteries. There are NO tent sites and amenities, etc. Tent placement must be ascertained before dark and MUST be clear of vehicle parking, bushes and roadway. The ground is uneven. Some operators have curled up in their vehicles, others wrap up in water proof tarps or tents on the ground between bushes. If an air mattress is used make sure it has insulation below it so you aren't cold from convection off the ground. Temperatures can drop very low especially due to wind chill so stay warm.

Chairs: Bring your own to use if you desire. There however are no shade trees and little shelter from the wind. They do blow around if not collapsed after use

Portable Chemical Toilet: One will be provided with TP and usually hand wipes. Normally our provider does not include any wash water and if so it goes fast. Remember to bring your own wipes just to make sure.

From: Field Day Chairman Frank N6FG, 650-355-4355 (Also for Gate Combination FD Weekend- Friday until Sunday), Cell 650-464-3870, n6fg@arrl.net and David Rinck K6DMR, 650-359-8997. k6dmr@arrl.net

**REQUEST FOR AMATEUR RADIO VOLUNTEERS: DEVIL SLIDE RIDE**

I have been asked to help with the communications effort for The Devil Slide Ride-2015. This event supports the efforts of Parca who provide assistance to people with developmental disabilities and their families in the San Mateo County area. More information about Parca can be found at:

<http://www.parca.org/>

It will be held on Saturday, July 18th and we will be using the WA6TOW repeater for the entire ride area. As is usual for these types of events, the communications effort will be to pass health and welfare traffic and to help facilitate the smooth running of the ride.

The ride starts in Pacifica at the community center on highway one. It goes south on highway one and then over the mountain to the bay side. The mountain crossing happens in two places. One crossing will be just south of Half Moon Bay and other will be in Pescadero. Once on the east side of the mountain, the course will return to the Pacifica community center.

More information on the bike ride can be found at:

www.devilsslideride.org

If you are available to volunteer on July 18th for this event please sign up on the volunteer page

<http://www.devilsslideride.org/index.php/volunteer>. Make sure you tell them you want to work in the Amateur radio communications group.

If you have additional questions give me a call or send me an email at n6tze@arrl.net.

Amateur radio really shines at these types of events and it is for a great cause.

73,

Casey-N6TZE

ARRL UPDATE**FCC ELIMINATING VANITY CALL SIGN FEE**

The FCC is dropping the regulatory fee to apply for an Amateur Radio vanity call sign. The change will not go into effect, however, until required congressional notice has been given. This will take at least 90 days. As the Commission explained in a Notice of Proposed Rulemaking, Report and Order, and Order (MD Docket 14-92 and others), released May 21, it's a matter of simple economics.

"The Commission spends more resources on processing the regulatory fees and issuing refunds than the amount of the regulatory fee payment," the FCC said. "As our costs now exceed the regulatory fee, we are eliminating this regulatory fee category." The current vanity call sign regulatory fee is \$21.40, the highest in several years. The FCC reported there were 11,500 "payment units" in FY 2014 and estimated that it would collect nearly \$246,100.

In its 2014 Notice of Proposed Rule Making (NPRM) regarding the assessment and collection of regulatory fees for FY 2014, the FCC had sought comment on eliminating several smaller regulatory fee categories, such as those for vanity call signs and GMRS. It concluded in the subsequent Report and Order (R&O) last summer, however, that it did not have "adequate support to determine whether the cost of recovery and burden on small entities outweighed the collected revenue

ARRL Update cont.

or whether eliminating the fee would adversely affect the licensing process."

The FCC said it has since had an opportunity to obtain and analyze support concerning the collection of the regulatory fees for Amateur Vanity and GMRS, which the FCC said, comprise, on average, more than 20,000 licenses that are newly obtained or renewed, every 10 and 5 years, respectively.

"The Commission often receives multiple applications for the same vanity call sign, but only one applicant can be issued that call sign," the FCC explained.

"In such cases, the Commission issues refunds for all the remaining applicants. In addition to staff and computer time to process payments and issue refunds, there is an additional expense to issue checks for the applicants who cannot be refunded electronically."

The Commission said that after it provides the required congressional notification, Amateur Radio vanity program applicants "will no longer be financially burdened with such payments, and the Commission will no longer incur these administrative costs that exceed the fee payments. The revenue that the Commission would otherwise collect from these regulatory fee categories will be proportionally assessed on other wireless fee categories."

The FCC said it would not issue refunds to licensees who paid the regulatory fee prior to its elimination.

UPDATED AMATEUR RADIO EMERGENCY MANUAL ONLINE

The latest edition (March 2015) of the *Amateur Radio Emergency Service*[®] (*ARES*) *Manual* now is online. This edition includes various Incident Command System (ICS) forms for ARES use, clarifies the role of the Radio Amateur Civil Emergency Service (RACES), contains an improved chapter on ARES training, and includes all current ARRL memoranda of understanding/agreement. ARES consists of Amateur Radio licensees who have voluntarily registered their qualifications and equipment for communication duty in the public service, when disaster strikes. Every licensed amateur, regardless of ARRL membership, is eligible to apply for ARES membership.

AMATEUR RADIO HISTORY***THE HISTORY OF EIMAC***

AS TOLD BY JACK MCCULLOUGH-W6CHE
CO-FOUNDER OF EIMAC — PART 6

Editor's Note: The following is Part 6 of the story of EIMAC that was presented as a slide show at a ham club in 1974. It was contributed by Linda DiLorenzo of CPI/Eimac Division with permission to reprint it in the CARC Newsletter

Part 6 – Problems

Just as we were getting in to high gear in production, we were confronted with a major technical problem -- grid emission. The early Signal Corps radars used sixteen tubes in a ring oscillator with very high voltage on the plate. After a number of hours of operation, one of the tubes would develop grid emission with catastrophic results. On several occasions I personally spent many hours sitting under a radar at the

Monmouth Signal Corps labs waiting for grid emission to develop.

It never did while I was there! But by the time I got back to New York City, there would be a telephone call telling me of the worst.

Up to this time, we had had no experience in coping with this problem. Our first attempts at a fix were unsuccessful. We finally found that pure platinum was an answer. The situation was so desperate that we immediately started making grids out of pure platinum. I remember going to San Francisco one day to obtain some spools of platinum wire. There was a relatively small paper bag containing the platinum wire -- \$15,000.

Ouch. We were not out of the woods. The platinum fixed the grid emission problem but platinum turned out to be too soft mechanically. A jar would cause the grid to move. The fix for this was making an alloy of 96% platinum and 4% tungsten! We successfully used this material for quite some time. There was nothing wrong with this material except for its cost. We were working frantically to find a more economical substitute for platinum with varying degrees of success.

The material we eventually developed and are still using, we called "Y3." The material is coated on a molybdenum core. It contains platinum and other goodies. It is electrically deposited and baked on. We sell this material to some of our competitors. The Pyrovac plate material and the "Y3" grid material were essentially the developments of one man, Paul Williams, K6QAZ.

We developed very few new tube types during WWII except for a few of the special "radar" type tubes. These special types, plus many of our standard types, made up our production runs.

We did make major strides, however, in the development of new materials and the production figures were impressive. The only "different" tube type we were asked to manufacture was the 2C39 planar triode used in UHF communication equipment. The type originated with General Electric.

Their tube was soft soldered together -- a feature we did not like. Naturally we had to redesign the 2C39 to our own manufacturing philosophy. Machlett also became a supplier of the 2C39. There were a lot of them made. Because these tubes operated at UHF, we had major headaches in trying to coordinate the different designs used by each of the manufacturers so that these tubes would be interchangeable in the customers' equipment. I think one or two people in each company's plant spent full time for the duration trying to resolve these problems.

During this period we had become quite friendly with Major Armstrong. He is the recognized inventor of the oscillating circuit, the super heterodyne receiver and was now actively developing his new FM system. We supplied him many tubes. We looked forward to our almost weekly telephone call from the "Major." Over the years, Eimac's competitors have envied the alert, wide-awake management team! Here are a few incidents to show how well our Government was functioning during WWII. Having no previous experience in manufacturing at high production rates our quoted prices were based on those developed for a much lower production rate. This pricing policy resulted in high profits. We would then return to the Government what we considered "excess profits. One refund amounted to a million and one half dollars. I remember this because my signature is not on too many

History of Eimac cont.

checks of this size. Six months later we got a frantic call from Washington -- they had lost the check and would we write another!

Another time, I was back at the G.E. plant at Schenectady to help get their equipment to work with our 2C39. I needed some new 2C39's of a new design and phoned the factory to ship them to me at Schenectady.

In these days it took a special priority and other red tape to get these tubes shipped. They were shipped. I waited and waited for the tubes to arrive and in final desperation asked for a second shipment which arrived as scheduled. I often wonder what happened to the original shipment?

Another occasion -- a frantic call from the Navy. Needed some special tubes shipped with high priority to the South Pacific. Code marking for the special packages, "Lion one & Cub Two" -- please deliver to Naval Air Station Alameda. We did -- worked around the clock to do it. About a year later, we received a call from the Air Station: "We have a couple of packages marked Lion one, Cub Two. Have you any idea what they are for!!

Part 7 next month



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: Zenith 7S240*



COMING EVENTS

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

Bay Area Educational Amateur Radio Society
Offering a one day study session for Technician or General theory, followed by testing. Fee: \$30.00
When: June 6th 2015
Where: Fremont Fire Administration Training Center
3300 Capitol Avenue Fremont, CA 94536
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	June 13 th	Sunnyvale, CA	10:30	AM
Sat	June 27 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 14th	2015 Agenda Planning, LM Fire Station
Feb 11th	2015 Agenda Finalizing, LM Fire Station
Mar 11th	Pizza Night, Round Table LM Center, No Host
Apr 8th	Meeting Night, LM Fire Station
Apr 23rd	Silver Dragon CERT Exercise, Brisbane
May 13th	Meeting Night, LM Fire Station
Jun 10th	Field Day Planning Mtg, LM Fire Station
Jun 27-28	CARC Field Day, Sweeney Ridge
Jul 8th	Field Day Wrap-Up Mtg, LM Fire Station
Jul 18th	Devils Slide Ride, PARCA Bike Event
Aug 12th	Meeting Night, LM Fire Station
Sept 9th	Meeting Night, LM Fire Station
Sept 26-27	Pacific Coast Fog Fest, Pacifica
Oct 14th	2016 Officer Nominations, LM Fire Station
Nov 7th	Election Dinner, Nick's Restaurant, Pacifica
Dec 9th	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 WA6TOW repeater on 441.075 MHz may be used as an alternate if the WA6TOW VHF 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

56 Years



of Service

46 Years



Affiliation

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	Walt Long	KG6EDY	(650) 467-6990	kg6edy@arrl.net
V. President	Ralph Bailey	K6DLZ	(650) 341-6236	kc6dlz@aol.com
Secretary	Cheryl Crofts	KJ6RNK	-	cherylcrofts@aol.com
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
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Trustee of Club Call	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
Website	Scott Mercer	KI6SEJ	-	ki6sej@arrl.net



**MEETING
NOTICE:**

**JUNE 10TH
LINDA MAR FIRE STATION
PACIFICA, CA
7:30PM**

**FIELD DAY
PLANNING MEETING**

COASTSIDE COMMUNICATOR

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

FIRST CLASS

TO:

