



THE COASTSIDE COMMUNICATOR

VOL. 47, No. 2

FEBRUARY 2015

WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

The January Meeting was a planning session, and we came up with a few possible field trips.

What was decided on was a repeat trip to the De Anza Swap Meet and trip to Halted Electronics Supply (April or later); a trip to the SF Cable Car Barn and Powerhouse (May?); and a Tour of the Computer Museum. The details still have to be worked out.

We will continue our planning at the February Meeting, and additional ideas for trips are welcome.

Casey-N6TZE, announced that the Devil Slide Ride would be on July 18th this year, and he would soon be asking for volunteers for radio communications.

I hope to see you at the meeting on February 11th.

73,

Walt-KG6EDY

JANUARY MINUTES

The January 14th meeting was called to order at 7:32 p.m. by our club president, Walt Long-KG6EDY at the Linda Mar Fire Station in Pacifica. Self-introduction by the members and guests followed.

No corrections to the minutes were made. It was moved by Ed-KD6TWK to approve the minutes as published in the Coastside Communicator. The motion was seconded by Bob-W6LOG and passed unanimously by the membership present.

TREASURER'S REPORT

Frank Erbacher-N6FG read the report of the Club's financials: \$2,465.80 in the General Fund; \$2,213.51 in the Repeater Fund; \$676.41 in the Digipeater Fund and \$7,439.61 in the EOC/Public Service Fund. These individual fund totals add up to a club total of \$13,013.41.

The treasurer paid \$27 for mailing and publication of the Coastside Communicator newsletter.

\$102.50 was received for the Repeater Fund, and \$123.00 was received for membership renewals.

\$128 was paid for Post Office Box and N6TZE was paid \$20 for the 2015 NARCC membership renewal.

MEMBERSHIP

Frank informed the members that CARC currently now has 68 members, 65 licensed and 3 unlicensed. 71% of CARC's members are members of ARRL.

COMMUNICATIONS

Frank stated that the August US Bank statement and the Short Skip from Santa Cruz were received by the Club.

COMMITTEE REPORTS

REPEATER

David-K6DMR reported that the new repeaters are currently being tested and checked out. Further testing is ongoing.

AUTOPATCH

Offline (on the hill)

DIGIPEATER

No Report

APRS

No Report

EMERGENCY SERVICES

No Report

FIELD DAY

No report

FOG FEST

The Fog Festival is scheduled for September 26 and 27.

Frank-N6FG reminded us that we need volunteers to help the Fog Fest organization.

We act as dispatchers, handling questions, and assign and track the commercial radios. We assist in locating personnel and supplies through use of these radios.

A schedule will be provided to those volunteering.

NEWSLETTER

Published

WEBSITE

Operational

UNFINISHED BUSINESS

None

NEW BUSINESS

The County Calendar of exercises and drills needs to be updated.

On January 31, San Mateo County CERT Communications will have a simplex point to point contact drill.

On July 16th the "Devil's Slide Ride" A bicycle event from Highway 1 in Pacifica to Pescadero, and back. Volunteers needed.

ADJOURNMENT

It was moved by Dave-KF6TWW, seconded by Frank-N6FG, and unanimously approved by the members present that the meeting be adjourned at 7:55p.m.

PRESENT AT THE MEETING

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

Officers: President: Walt Long-KG6EDY; Vice-President: Ralph Bailey-K6DLZ, Secretary: Cheryl Crofts-KJ6RNK, Treasurer: Frank Erbacher-N6FG

Members: Gary Barnes-KI6HIG, Roy Brixen-KE6MNJ, Ryan Chan-KK6CBG, Lucas Ford-W6AER, Ariel Gallega-K6RYL, Dave Lawrence-KF6TWW, Bill Lillie-N6BCT, Ralph Kugler-KC6YDH, Tom Oliver-KJ6OGL

Ed Freeman-KD6TWK, Joshua Villyard-N6TZF, Casey Villyard-N6TZE, Jane Bailey-KF6PGP, Robert Barbitta-W6LOG, David Rinck-K6DMR, Carmel Gallagher-KJ6ERS, Audrey Villyard-WA2KPS

Visitors: None

Reported by Cheryl Crofts-KJ6RNK, Secretary

**PROPOSED CLUB AGENDA & ACTIVITIES FOR 2015**

April: De Anza Flea Market & Breakfast

May: Ice Cream Social

June: Field Day planning

July: Field Day Wrap-up, Ed Fong's J-Pole antenna

August: Back to School Night

OTHER SUGGESTIONS:

USS Potomac Dockside Tour and/or 2 hr. Bay Cruise, Jack London Sq., in Oakland (limited to 60 passengers)

SS Jeremiah O'Brien Cruise, May 16th, July 25th, Oct. 10 and Oct. 11. \$125 per head for 4 hours

Chabot Space and Science Center, Hayward Hills, \$16.00

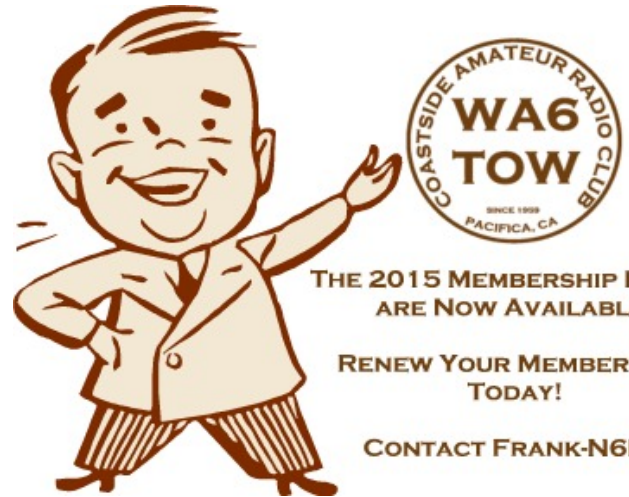
SF Cable Car Barn and Powerhouse including cable car ride and lunch on the wharf.

Golden Gate Park-California Academy of Sciences \$30

Computer Museum



***Need to get rid of a rig?
Post it in the Trading Post.***



**THE 2015 MEMBERSHIP FORMS
ARE NOW AVAILABLE!**

**RENEW YOUR MEMBERSHIP
TODAY!**

CONTACT FRANK-N6FG

NEWS**ARRL UPDATE**

**FCC "PAPERLESS" AMATEUR RADIO
LICENSE POLICY GOES INTO EFFECT ON
FEBRUARY 17**

Starting on February 17, the FCC no longer will routinely issue paper license documents to Amateur Radio applicants and licensees. The Commission has maintained for some time now that the official Amateur Radio license authorization is the electronic record that exists in its Universal Licensing System (ULS), although the FCC has routinely continued to print and mail hard copy licenses. That will stop next month.

In mid-December, the FCC adopted final procedures to provide access to official electronic authorizations, as it had proposed in WT Docket 14-161 as part of its "process reform" initiatives. Under the new procedures, licensees will access their current official authorization ("Active" status only) via the ULS License Manager. The FCC will continue to provide paper license documents to all licensees who notify the Commission that they prefer to receive one. Licensees will also be able to print out an official authorization -- as well as an unofficial "reference copy" -- from the ULS License Manager.

"We find this electronic process will improve efficiency by simplifying access to official authorizations in ULS, shortening the time period between grant of an application and access to the official authorization, and reducing regulatory costs," the FCC Wireless Telecommunications Bureau (WTB) said. According to the WTB, the new procedures will save at least \$304,000 a year, including the cost of staff resources.

In comments filed November 5, the ARRL had strongly recommended that the FCC "give serious consideration to continuing a default provision for sending an initial paper license document to new licensees in the Amateur Radio Service, along with detailed, simple instructions for how to make the elections set forth in the notice relative to future modified or renewed licenses."

ARRL Update cont.

Under the new procedures, a new license applicant who already has an FCC Registration Number (FRN) and provides a valid e-mail address under "Applicant Information" in the ULS will receive an official ULS-generated electronic authorization via e-mail. New license applicants lacking an FRN will receive one in the mail as well as a temporary password to access the Commission Registration System (CORES), but will no longer automatically receive a license document; they must request one by changing their "Paper Authorization Preference" in the ULS License Manager.



The ARRL and other Amateur Radio commenters also worried that unless a license document is printed on distinctive paper stock, its authenticity could be questioned in such situations as obtaining vanity call sign license plates. To address this, the FCC said the watermark "Official Copy" will be printed on each page of an official authorization that a licensee prints out from the ULS. The WTB recently stopped using distinctive paper stock to produce hard copy licenses and has been printing these on "standard, white recycled paper." The Bureau noted that the distinctive paper stock it had been using was six times more expensive than the plain recycled paper it now uses.

The ULS License Manager (left) now includes settings that allow licensees to notify the WTB that they prefer to receive official authorizations on paper. Once final procedures go into effect designating electronic access as the default, licensees can change the ULS License Manager setting so that the Bureau will print and mail a license document. Licensees also may contact FCC Support via the web, telephone, or mail to request paper licenses.

The FCC rejected as "outside the scope of this proceeding" an ARRL argument that Section 97.23 of the Amateur Service rules be amended to replace "licensee mailing address" with other alternatives, including e-mail, for use in Commission correspondence. The rule, which requires that any licensee mailing address be in an area where the licensee has US Postal Service access, has precluded FCC issuance of location-specific call signs in such areas as Navassa Island (KP1) and some Pacific islands.

UNLICENSED RELIGIOUS BROADCASTER WHO USED AMATEUR FREQUENCIES ORDERED OFF THE AIR

The FCC has ordered an unlicensed California religious broadcaster, who sometimes broadcast on a frequency in the 40 meter phone band, to shut down his station. On December 31, the FCC's Los Angeles District Office issued a Notice of Unlicensed Operation to Martin K. Elliott of Inyokern, California. The FCC said it issued the Notice in response to a complaint of unlicensed operation on multiple HF frequencies,



including some allocated to aeronautical stations. The FCC said its agents used radio direction-finding techniques to confirm that signals on 6280 kHz and 11,595 kHz were emanating from a residence located near Inyokern, and property records indicated that Elliott was the current owner and resident.

"The Commission's records show that no license was issued for operation of a station on either the frequencies of 6280 kHz or 11,595 kHz at this location," the FCC wrote. "Unlicensed operation of this radio station must be discontinued immediately."

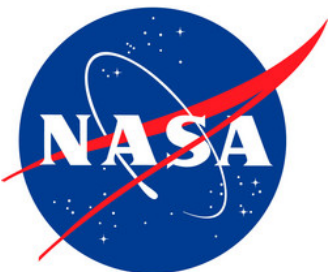
The pirate station, which identified itself as "YHWH," was not cited for operating on Amateur Radio frequencies, although ARRL Official Observers had monitored the station in the past on 7185 kHz LSB. One short-wave listener said the operator of YHWH changed frequencies regularly.

The FCC warned Elliott that operation of radio transmitting equipment without valid authorization violates federal law and could subject the operator to severe penalties including, but not limited to, substantial monetary forfeitures, equipment seizure, and criminal sanctions.

The Commission gave him 10 days to respond. The FCC said its Notice "does not preclude this office from pursuing additional sanctions based upon our investigation of this incident."

NASA OPENS APPLICATION WINDOW FOR PAID CUBESAT, PICETSAT INTERNSHIPS

The NASA Goddard Space Flight Center (GSFC) seeks applicants to fill paid CubeSat and PICetSat-related internships for the Summer 2015 semester. These positions may be of interest to Amateur Radio licensees pursuing degrees in electrical or computer engineering and now in their junior or senior years. Applications are being taken on the NASA One Stop Shopping Initiative (OSSI) recruiting website. The openings are CubeSat Simulator Upgrade Plus -- advertised previously but now reopened -- as well as CubeSat Ground Station Development, and PICetSat Module and PCB Development. Other internship opportunities are available at each of the other 10 NASA field center locations as well, said Pat Kilroy, N8PK, of GSFC. The official application deadline is March 1, but Kilroy is hoping applications will be submitted sooner.



"The word to the wise student is to get one's application in ASAP -- and certainly within the next 3 weeks," Kilroy said. Applications from Amateur Radio licensees should include a call sign.

Details on each internship are available through the OSSI page. Contact Pat Kilroy for more information. Applications must be submitted via the OSSI web page.

MARCH ISSUE OF THE AMERICAN LEGION MAGAZINE TO FEATURE AMATEUR RADIO

Amateur Radio will be featured in the March 2015 issue of The American Legion Magazine. The article, by best-selling author Don Keith, N4KC, will explain how ham radio remains exciting, important, and relevant, even after more than a century in existence and changes in technology. The article



Author Don Keith, N4KC.

will also talk about the American Legion Amateur Radio Club (TALARC) - home to club station K9TAL at American Legion Headquarters in Indianapolis, which sponsors regular operating events. It also will explain how the

American Legion is integrating Amateur Radio into its organization and for its members, how members can become licensed, and perhaps establish a club station at an American Legion post.

The Legion has an agreement with the Department of Homeland Security to provide assistance during emergencies, and Keith's article will discuss how Amateur Radio meshes with that effort. Keith has written more than 2 dozen books, including *Riding the Shortwaves: Exploring The Magic of Amateur Radio*, *Firing Point* -- a submarine thriller -- and *Wizard of the Wind*, which includes a ham as a key character. He has also written extensively about World War II history.

RSGB WELCOMES PROPOSED CRACKDOWN ON INTERFERENCE-PRODUCING POWER LINE DATA DEVICES

The Radio Society of Great Britain (RSGB) has said it welcomes a recent initiative by telecommunications regulator Ofcom to combat interference from home power line data transmission (PLT) devices. The Ofcom "consultation" -- similar to an FCC Notice of Proposed Rule Making -- has invited responses by February 16. The RSGB Electromagnetic Compatibility (EMC) Committee has lobbied Ofcom to assume greater authority in cases involving violations of EMC rules.

"These proposals make the regulations more resilient to evolving technology, when it causes undue interference to wireless telegraphy apparatus," the RSGB said. "The proposed changes aim to catch apparatus that exceeds the permissible levels in service," The RSGB said.

A recent news article reported that Ofcom was proposing that individuals using power line networking equipment could face prosecution if it interferes with radio communications. The article, in *The Telegraph*, also said that GCHQ -- a security and intelligence organization similar to the US Department of Homeland Security -- has become increasingly concerned about PLT in recent years.



The RSGB said the Ofcom proposals would provide additional enforcement authority with respect to a particular piece of equipment, not just a range of devices. "These changes are essential to prevent compromising important communication systems, particularly those that ensure public safety," the RSGB said.

ARRL SUBMITS COMMENTS TO FCC ON WRC-15 DRAFT RECOMMENDATIONS

The ARRL has commented on two draft recommendations of the FCC's 2015 World Radiocommunication Conference (WRC-15) Advisory Committee (WAC) as well as on a draft proposal provided to the FCC by the National Telecommunications and Information Administration (NTIA).

The ARRL expressed support for the status quo regarding an allocation to the Mobile Service for broadband applications at 3400-4200 MHz and 4500-4800 MHz, which is under consideration as part of Agenda Item 1.1 at WRC-15. The 3400-3500 MHz segment is allocated on a secondary basis to the Amateur Service in ITU Regions 2 and 3, with a secondary allocation by footnote in some countries in ITU Region 1. The League said advocates for the allocation have failed to account for the protection of existing services.

"[The] failure to even superficially address the protection of all existing services -- including the Amateur and Amateur-Satellite services -- is glaring," the ARRL said. The WAC's so-called "View A" -- to make no change in the allocation -- in part said, "The secondary nature of the Amateur Service allocation requires flexibility in frequency selection to permit an Amateur Service licensee to use the allocation and fulfill his or her obligation not to cause harmful interference to the numerous primary services, including the FSS [Fixed-Satellite Service]."

ITU-R Resolution 233, adopted at WRC-12, spelled out explicit requirements for the studies of the candidate bands, including sharing and compatibility studies with services already having allocations. As the League noted in its comments, a relevant ITU-R Recommendation stated that additional sharing with the Amateur and Amateur-Satellite services should not introduce high signal density services in the spectrum at issue, and that sharing studies should consider the Amateur and Amateur-Satellite services' needs for "weak-signal" reception.

The ARRL supported the FCC WAC view on Agenda Item 1.12 that the US not be added to international footnote 5.480 -- basically an exception -- to the Table of Allocations that could make part of the 10.0-10.5 GHz segment vulnerable to additional allocation for Fixed Service applications. The Amateur and Amateur-Satellite services have a secondary allocation in the band, and the Federal Radiolocation Service is primary. The proposed "footnote amendment," the League argued, "plainly, clearly, and indisputably contradicts existing United States regulations." The League's comments accused Mimosa Networks, which has argued in favor of having the US sign on to the international footnote, of advancing an "illogical construction to obtain the result it desires."



ARRL Update cont.

Mimosa Networks has petitioned the FCC to permit unlicensed Part 15 wireless broadband services in the 10.0-10.5 GHz band. In comments last year, the ARRL called Mimosa's Petition "fatally flawed" and said it should be dismissed. Among other things, the League told the FCC last year that Mimosa's Petition was inconsistent with a US footnote in the domestic Table of Allocations, and that alone was sufficient reason for the Commission to quash Mimosa's request.

In its comments on WRC-15 Agenda Item 1.12, the League said that Mimosa did not raise an objection to the WAC's initially adopted position until months after the comment deadline. The ARRL said the FCC should use its original position -- and not a later one that includes Mimosa's arguments -- as the baseline for any discussions with federal agencies to reconcile the agenda item.

The League also said the NTIA was correct in proposing that regulatory changes for nanosatellites and picosatellites be addressed under standing Agenda Item 7 at WRC-19.

AMATEUR RADIO HISTORY

THE HISTORY OF EIMAC

AS TOLD BY JACK MCCULLOUGH-W6CHE
CO-FOUNDER OF EIMAC — PART 2

Editor's Note: The following is Part 2 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

The History of EIMAC Part 2

In September, 1932 an article appeared in QST written by Charlie Perrine-W6CUH, showing how to operate a pair of 852 tubes with a kilowatt input. Some of you may remember the B52. After the hams had shouted to the world the importance of the High Frequency bands, the commercial people found much to their dismay, that tubes like the UV204A and UV203A were difficult to operate at these new frequencies. The difficulties were sometimes dramatized by the embarrassing habit of having a grid lead burn up as critical circuits became mistuned. Not understanding the problem, blame was attached to the high interelectrode capacities and therefore the logical answer was to make tubes with low interelectrode capacities.

Hence, the 852 type tube. Circuit-wise this tube was easier to handle but performance wise it was a dog. A UV203A could very nicely operate at 175-200 ma with 1000 volts on the plate. It took 2000 volts to get 100 ma on an 852. Bill McAulay W6KM and myself learned this lesson the hard way when we were going to the San Mateo Junior College in 1926. In those days a motor generator was the way to get your high voltage. This worked great on our 203A but we thought we would update by going to the 852 when something happened to the 203A. We had difficulty in getting 100 watts input using our 1000 volt motor generator. All this detour is way of telling you that when Bill and I saw what a struggle Charlie (W6CU had to get 1000 watts into a pair of 852's, we decided the hams needed a better tube. Hence the BK354 gammatron (even though this tube had a conventional type grid, the name

gammatron was kept because of this name's identification with H&K).

The HK354 had characteristics similar to the 203A but the electrode designs were such that circuit-wise few problems existed at the higher frequencies. Another article appearing in QST in September 1933 (a year later) had an influence on the design of the HK354. This article, "The Inverted Ultraudion" by Hugo Romander was the first article that I recalled that showed triodes used in what has now become known as the grounded grid circuit.

The influence on the HK354 was the strange base that extended part way up the bulb to help complete the grid shielding. We had built the first HK354 to use in my ham rig. Again, hopefully, the '46 doubler was to be the driver for a pair of 354's.

Everything worked normally until we tried to load down the amplifier. All our drive disappeared: Lesson number one on ground grid amplifier learned the hard way. It requires a lot of drive! We dug out the neutralizing condensers and went conventional. We didn't again try ground grid until years later. The HK354 was so superior to existing types of tubes for HF use at that time that we prevailed on management to market it. First ad appeared in April 1934.

Management was not as sold on the future of the HK354 as we were and it was a subsequent disagreement on how to market this tube that first prompted Bill and myself to question our future at H&K.

Our ideas about leaving H&K were further pushed by an across-the-board layoff at H&K. We figured our department was returning a profit to the company where other H&K operations were not and to be given no recognition for our profitable status was too much.

In the early fall, my wife and I were playing bridge with some of our friends. After having a few cocktails I felt talkative and I suggested to my friend that if Bill and I had a little financial backing, we could make it big in the tube business. His answer was unexpected, "You could? how much do you need?"

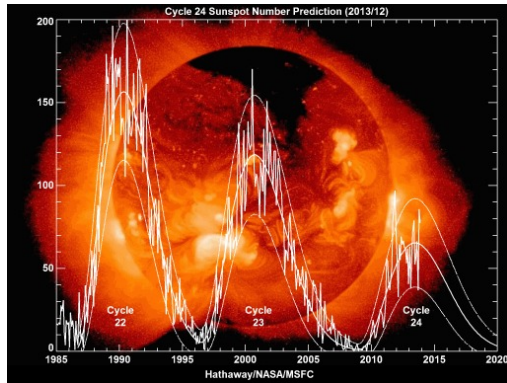
Taking a number off the top of my head, I said \$5, 000 should be enough. He replied, "I think I can get it for you!" I couldn't back out so that's the way Eimac got started.

We went to the management of the Dollar Steamship Co. and told them about our plans to form a new company. We knew that they needed tubes but our new company would be pleased to continue making their tube for them. For reasons I can understand now, but didn't at that time, their reaction was quite violent. Before the day was out, Bill and I were on our own!

Part 3 next month



SOLAR UPDATE



THE K7RA SOLAR UPDATE

Average daily sunspot numbers for the January 22-28 period rose from 61.9 on the previous 7 days to 89.1. Average daily solar flux climbed from 126.2 to 136.8 over the same period.

There were two new sunspot regions on February 22, another one on February 23 and again on February 25, four more on February 26, and another two on February 28.

The average daily solar flux for January 29 through February 4 is predicted to be 165.7 -- nearly 29 points higher than the previous week.

Predicted solar flux is 165 on January 29, 170 for January 30 through February 2, then 160, 155, 145 and 125 for February 3-6, 130 for February 7-9, 125 for February 10-11, 120 for February 12-13, and 125 for February 14-16. Flux values will reach of low of 115 on February 18, then a high of 135 during the period February 26-28.

Predicted planetary A index is 12 on January 29, 15 for January 30 through February 1, 12 on February 2, 10 for February 3-4, 5 on February 5, 10 for February 6-7, 8 for February 8-9, 5 for February 10-14, 12 on February 15, and 10 for February 16-18.

This weekly "Solar Update" in *The ARRL Letter* is a preview of the "Propagation Bulletin" issued each Friday. The latest bulletin and an archive of past propagation bulletins is on the ARRL website.

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: RCA RBA &RBC

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: April 18th 2015
 Where: Google Crittenden Building
 1300 Crittenden Lane, Mountain View, CA 94043
 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 14 th	Sunnyvale, CA	10:30	AM
Sat	Feb 28 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	Meeting Night, LM Fire Station
Apr 8th	Meeting Night, LM Fire Station
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 18 th	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 Coastside 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 Coastside 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
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**MEETING
NOTICE:**

**FEBRUARY 11TH
LINDA MAR FIRE STATION
PACIFICA, CA
7:30PM**

**2015 AGENDA
FINALIZING MEETING**

COASTSIDE COMMUNICATOR

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

TO:

