



THE COASTSIDE COMMUNICATOR

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NOVEMBER 2013

WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

Here it is election time again. If you are a CARC member, please fill out your ballot and mail it in to the club's P.O. Box, or bring it with you if you are attending the dinner meeting at Nick's Restaurant at Rockaway Beach in Pacifica. If you haven't made your reservations yet, please get them in as soon as possible so we can get reserved seating. If you make a last minute decision to go, don't worry, we'll fit you in. Friends of the club are welcome as well.

See you at the dinner meeting!

73... David-K6DMR

OCTOBER MINUTES

The October 9, 2013 meeting was called to order at 7:30 p.m. by our club president Dave Rinck-K6DMR at the Linda Mar Fire Station in Pacifica. Self-introduction by the members followed.

No corrections to the minutes were noted. It was moved by Ed Freeman-KD6TWK to approve the minutes as published in the Coastside Communicator. The motion was seconded by Tom Oliver-KJ6OGL and passed unanimously by the membership present.

TREASURER'S REPORT

Club Treasurer Frank Erbacher-N6FG read the report of the Club's financials: \$1,084 in the General Fund; \$6,194 in the Repeater Fund; \$838 in the Digipeater Fund and \$6,040 in the EOC/Public Service Fund. These individual fund totals add up to a club total of \$14,156.

Frank reported that \$28 was paid for mailing and publication of the Coastside Communicator newsletter.

MEMBERSHIP

CARC's total membership stands at 72, including two non-licensed members.

COMMUNICATIONS

Frank reported that the September US Bank statement was received, as well as Short Skip from Santa Cruz.

COMMITTEE REPORTS

REPEATER

Dave Rinck-K6DMR reported that some repairs have now been made, and that further repairs will be made as soon as the parts required can be gathered together and another trip to the repeater can be scheduled.

AUTOPATCH

Casey Villyard-N6TZE raised a question as to how often the autopatch is used. He said that it necessitates keeping a link up, and if it were gotten rid of, it could simplify things by making the system more compact and less complex. Frank-N6FG responded that he uses it and believes it to be a good service. Dave-K6DMR and Casey-N6TZE agreed that it's a good service to have, but explained that it presents a complexity in setup that might have to be looked at more carefully in the future. They asked the question, what's the justification for the autopatch in this day and age? Is it worth the effort to keep it going? Frank-N6FG responded that without knowing what the "effort" is, he couldn't respond adequately. Dave-K6DMR said he thinks it's overly complex for the use it's getting.

DIGIPEATER

No report

APRS

Operational

EMERGENCY SERVICES

Casey-N6TZE reported that an earthquake drill is scheduled to take place on October 17 and that he would be participating from Pacifica's EOC.

FIELD DAY

No report

FOG FEST

NEWSLETTER

Published

WEBSITE

Operational

BYLAWS

Deferred to New Business

UNFINISHED BUSINESS

NOVEMBER ELECTION DINNER

Frank-N6FG reminded the members that the Election Dinner is scheduled for Saturday, November 9, and asked that those planning to attend mark on his list both the intention to attend, as well as the dinner selection choice, so that an appropriate count can be given to Nick's in advance of the dinner. Frank said the information is also contained in the October Coastside Communicator.

NEW BUSINESS**OFFICER NOMINATIONS**

Ed Freeman-KD6TWK nominated Frank Erbacher-N6FG for the position of Club Treasurer. The nomination was seconded by Ralph Bailey-K6DLZ and passed unanimously by the membership present.

Dave Rinck-K6DMR nominated Ralph Bailey-K6DLZ for the position of Club Vice-president. The motion was seconded by Bob Barbitta-W6LOG and passed unanimously by the membership present.

Tom Oliver-KJ6OGL nominated Walt Long for the position of Club President. The motion was seconded by Dave Lawrence-KF6TWW and passed unanimously by the membership present.

No one indicated a willingness to serve as Club Secretary and no nomination was made.

BYLAWS REVISION

It was moved by Ed-KD6TWK, seconded by Bob-W6LOG, and passed unanimously by the members present that the proposed language in the second paragraph of the Preamble be adopted after changing the words "CARC or any" membership to "CLUB" membership.

Frank-N6FG also requested that all references to "Club" throughout the entire document be changed to "CLUB."

It was moved by Frank-N6FG, seconded by Tom-KJ6OGL, and passed unanimously by the members present that the proposed language in Article IX, Section 1 be adopted in its entirety after incorporating the recommended changes to read as follows:

"The automated CLUB Station Systems shall be controlled by the Control Operator, who need not be the CLUB Call Trustee. The Control Operator, a Licensed Amateur Radio Operator and member of the CLUB, shall see that these systems are used in accordance with the purpose and conditions of the systems as set forth in the Preamble above. The Control Operator shall be final arbiter of any requested changes in the systems or any of their uses. The Control Operator shall not unreasonably impede the operation or ready access to the systems unless the use or access is not in accordance with the purposes in the Preamble."

It was moved by Bob-W6LOG, seconded by Gary-KI6HIG, and passed unanimously by the members present that the proposed language in Article IX, Section 2, introductory paragraph be adopted in its entirety after changing each occurrence of the word "CARC" to "CLUB."

A number of suggested changes were made to Article IX, Section A, and Mary Ellen-AJ6J agreed to reword the section reflecting the recommended changes for further review.

It was moved by Bob-W6LOG, seconded by Casey-N6TZE, and unanimously adopted that Article IX, Section B, 1 and 2 be adopted after changing the words "CARC elected" to "Elected CLUB."

Article X was discussed and language was proposed to the effect, "Any donation to the CLUB, be it financial, time, equipment, or otherwise, must be made with no strings attached except for the understanding that any such donation

made is to be used to support and sustain the mission of the CLUB as set forth in the Preamble of this document."

Alternate language was proposed to the effect, "The CLUB shall accept only unrestricted donations."

The hour was late, and no consensus on language for Article X was reached. Therefore, proposed Bylaws Article IX, Section 2-A, and Article X remain to be worked out at a future Club meeting.

MOTION TO ADJOURN

At 8:50 p.m. it was moved, seconded and unanimously passed by the membership that the meeting be adjourned.

PRESENT AT THE MEETING

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

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

Members: Robert Barbitta-W6LOG, Gary Barnes-KI6HIG, Cheryl Crofts-KJ6RNK, Ed Freeman-KD6TWK, Paul Grigorieff-N1HEL, Dave Lawrence-KF6TWW, Walt Long-KG6EDY, Tom Oliver-KJ6OGL, Audrey Villyard-WA2KPS, Casey Villyard-N6TZE, and Joshua Villyard-N6TZE.

Submitted by Mary Ellen Scherer-AJ6J

**NEWS****NOV. 9TH 2013 DINNER AND ELECTION MEETING**

Our annual dinner and election of officers meeting is Saturday, **November 9th**, with a 5:30 PM No Host period and 6:30 PM Dinner. There is still time and room.

It will again be held at Nick's Restaurant, 100 Rockaway Beach Ave., Pacifica. The entrees will be the same as last year: Stuffed Chicken - \$32.50, Halibut- \$33.25 or Prime Rib Prime Rib at \$36.75 served with Garlic Bread, vegetables and a baked potato, Coffee and a dessert. A Vegetarian dish is available for \$24.50 and a children plate for \$15.75. All pay for the dinner that day and if by check, please make it out to the "Coastside Amateur Radio Club".

Reservations are needed **by November 5th** to approximate the setup arrangement and to help with the restaurant's Entrée count. But if you are available at the last minute, just call as soon as you know or just drop in.

For those who are new to the club, the November meeting traditionally is a dinner for members, family and friends and is combined with counting of the ballots for next year's officers. The November newsletter will be sent early with this menu info again and will have a ballot include. **Ballots will be counted at the dinner** so either bring them or mail them to the club P.O. Box so they're received before the dinner. Call or E-mail your **Reservations** to David Rinck, 650 359-8997, k6dmr@arrl.net

**November's Meeting
is Election Nite at**



Rockaway Beach



ARRL UPDATE

ARRL SUPPORTS FCC WRC-15 ADVISORY COMMITTEE RECOMMENDATIONS AFFECTING AMATEUR RADIO

The ARRL has expressed its support for three recommendations affecting Amateur Radio frequency allocations, which the FCC's World Radiocommunication Conference 2015 FCC Advisory Committee (WAC) has already approved. ARRL Chief Technology Officer Brennan Price, N4QX, filed comments on behalf of the League on October 17 in IB Docket 04-286. The League has concluded that the WRC-15 Agenda Item 1.1

recommendation for 420-450 MHz "maintains a status quo that accommodates many users and works well." The Amateur Service is secondary on the 70 centimeter band in the United States. At least one administration has proposed to introduce international mobile telecommunications (IMT) -- cellular telephone and wireless broadband -- to the bottom 10 MHz of the band, but the League said it agrees with the WAC and the NTIA that things are just fine as they stand.

"The status quo is successful and represents a success story for spectrum management," the League said. "Introduction of IMT in the 420-430 segment of this band, as proposed by one administration, will most assuredly upset this status quo." The ARRL pointed out that although ham radio is secondary on the band, "radio amateurs have a vested interest in maintaining their ability to use the band," and Amateur Radio has been "a responsive and responsible sharing partner" to the band's primary users.

For its part the WAC said, "The results indicate that for most cases, sharing between IMT-2000 base/mobile stations and the various types of radars when placed in adjacent spectrum is not feasible in the absence of mitigation." Based on information at hand, the committee said, "it is logical to conclude that co-frequency sharing between IMT and the radiolocation service in the 420-450 MHz bands is not feasible."

The League also said the WAC recommendation for WRC-15 Agenda Item 1.10 regarding 22 to 26 GHz "protects the only

worldwide, primary Amateur and Amateur-Satellite Service allocation between 146 MHz and 47.2 GHz."

"Sharing with incumbent services, including the Amateur and Amateur-Satellite services at 24.-24.25 GHz will require technical and operation constraints that will result in spectrum being impractical for use by the MSS [Mobile Satellite Service]," the ARRL said. The Amateur and Amateur-Satellite services are primary at 24-24.25 GHz. "Radio amateurs have been responsible stewards of a band that is difficult to use, and the WAC proposal of no change to the entire 22-26 GHz range is particularly applicable to the 24-24.25 GHz segment."

WRC-15 Agenda Item 1.18 considers a primary allocation to the radiolocation service for automotive applications in the 77.5-78.0 GHz frequency band in accordance with a resolution adopted at WRC-12. The League suggested that the FCC support the WAC recommendations "as a base for eventual reconciliation with an NTIA [National Telecommunications and Information Administration] position," or that the FCC not support any position on the agenda item, "as conducted studies to not support a position more expansive than that contained in the recommendation." The Amateur and Amateur-Satellite services are now primary in the 77.5-78 GHz band, with Radio Astronomy Service users secondary.

REGULATORY: IARU REGION 2 PUBLISHES NEW BAND PLAN



International Amateur Radio Union (IARU) Region 2 (the Americas) has published a revised IARU Region 2 Band Plan for all allocations from 137 kHz to 250 GHz, effective September 27, 2013. The member-societies of IARU

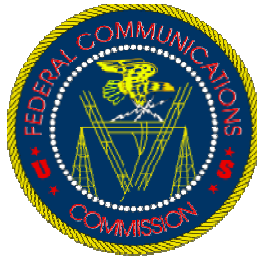
Region 2 adopted the new plan during their triennial General Assembly in Cancun, Mexico, in late September. Delegates from 18 national Amateur Radio associations attended. Representing the ARRL were President Kay Craigie, N3KN, as the voting delegate; First Vice President Rick Roderick, K5UR; Chief Executive Officer David Sumner, K1ZZ, and Technical Relations Specialist Jonathan Siverling, WB3ERA.

"For the first time in Region 2, band plans for the VHF, UHF, and microwave bands were adopted to guide development of these bands," Sumner said. "HF band plans were reviewed with the objective of improving terminology and aligning them more closely with those of the other regions, particularly Region 1 (Europe, Africa, the Middle East, and the former Soviet Union)." The revised document earmarks a new segment for the Amateur-Satellite Service from 144.000 to 144.025 MHz.

As it states in the plan's introduction, "The IARU Region 2 has established this band plan as the way to better organize the use of our bands efficiently. To the extent possible, this band plan is harmonized with those of the other regions. It is suggested that member-societies, in coordination with the authorities, incorporate it in their regulations and promote it widely with their radio amateur communities." The band plan includes definitions for the first time.

FCC FINES FORMER RADIO AMATEUR FOR UNLICENSED OPERATION ON 20 METERS

The FCC has fined Jared A. Bruegman, ex-KCØIQN, of Bolivar, Missouri, \$500 for transmitting on 14.312 MHz without a license. Last February, the FCC told Bruegman in a Notice of Apparent Liability for Forfeiture (NAL) that it intended to impose a \$10,000 fine, but in a Forfeiture Order released October 23, the FCC reduced the fine.



"Based on the financial documents provided by Mr. Bruegman," the FCC said in its Forfeiture Order, "we find that there is a sufficient basis to reduce (but not cancel) the forfeiture to \$500." Responding to the earlier NAL, Bruegman had claimed the \$10,000 forfeiture would "bankrupt" him, and he requested the FCC cancel the sanction altogether.

The FCC cautioned Bruegman that inability to pay is only one factor in its forfeiture calculations. "In this regard, we have previously rejected inability to pay claims in cases of repeated or otherwise egregious violations," the Commission said. "Therefore, future violations of this kind may result in significantly higher forfeitures that may not be reduced due to Mr. Bruegman's financial circumstances."

The FCC said it affirmed the finding outlined in the earlier NAL that Bruegman had violated Section 301 of the Communications Act of 1934. FCC agents in December 2012 observed an unlicensed radio transmitter operating on 14.312 MHz from a residence in Bolivar. Bruegman, the only person at home at the time, admitted to owning the radio transmitting equipment. "Based on the record evidence, which Mr. Bruegman does not dispute, we conclude that Mr. Bruegman willfully violated Section 301 of the Act by operating radio transmission equipment without the required Commission authorization," the FCC concluded.

The FCC gave Bruegman 30 days to pay or make arrangements to pay the fine or have his case referred to the US Department of Justice for enforcement.

Bruegman had held a Technician class license from 2000 until 2010, when it expired. Bruegman did not renew the license, and it was deleted in 2012.

CAL POLY ARC RECORDS BIG BOOST IN EXAM SESSION ATTENDANCE

When the Cal Poly Amateur Radio Club (CPARC) hosted its quarterly Amateur Radio test session this month, 91 individuals turned up to earn their Technician tickets. That was an increase of 71 percent over the club's previous record of 53 new licensees in the fall of 2010. The October 19 session was the largest in the history of San Luis Obispo County, California, the club says. CPARC President and electrical engineering senior Shaun Koide, KH6EI, credited the school's Electrical Engineering Department.

"The Electrical Engineering Department has been instrumental in making clubs like ours successful this year," he said. EE Department Chair Dennis Derickson, ACØP, responded, "It's

been wonderful to give students access to such a great hobby that really exemplifies Cal Poly's learn-by-doing philosophy."

Active in public service, the club maintains an emergency communications station on campus for the San Luis Obispo Emergency Communications Council (SLOECC). The station is equipped with emergency power and radio gear to support public safety agencies for the event of a disaster.

FCC TURNS AWAY PETITION TO EXPAND TECHNICIAN 10 METER PRIVILEGES

The FCC has dismissed a Petition for Rule Making that sought to expand Technician privileges in the 10 meter band. The Toledo Mobile Radio Association (TMRA) had asked the Commission last June to expand the spectrum available to Technician licensees on 10 meters to include operating privileges in the FM portion of the band, from 29.520 to 29.700 MHz. Novice and Technician licensees now may operate on 10 meters from 28.000 to 28.500 MHz.

"We conclude that TMRA has not presented grounds for the Commission to revisit the question of operating privileges for Technician class licensees," the FCC said October 17 in denying the petition. The FCC said that Technicians may transmit through repeaters licensed to a General class or higher licensee that have an output channel in the 29.5 to 29.7 MHz segment, as long as the repeater has a 2 meter or 70 centimeter input.

Further, the FCC pointed out that the current licensing structure was developed "with the expressed desire of the amateur community to provide an incentive, ie, additional frequency privileges, to motivate Amateur Radio operators to advance their communication and technical skills." The FCC noted that it increased Technician privileges in 2006 to include Novice and Technician Plus privileges. "A Technician class licensee can upgrade to a General class operator license and receive significantly more frequency privileges (including those at issue here) by answering correctly a minimum of twenty-six questions on a thirty-five question written examination," the FCC said. TMRA, the Commission concluded, had submitted no evidence that the FCC should depart from its "long-standing policy of providing additional frequency privileges as an incentive" for license advancement.

TMRA had asserted that amending Â§97.301(e) of Part 97 would extend Technician voice privileges on 10 meters to "coincide with today's technical advancement of the Amateur Radio Service."

NEW FREE QST APP AVAILABLE FOR ANDROID DEVICES!

ARRL members using Android tablets and phones now can download a dedicated app to access the digital edition of QST. The app gives ARRL members access to read QST online or choose to download individual issues of the journal for offline reading. The QST app is free in the Google Play Store (search for "QST").

The digital edition of QST includes every article, every column, every ad, everything in the printed magazine and more! After you've tried it, tell us what you think and share your feedback.

ARRL UPDATE CONT.

Members now have three great ways to access the current digital edition of QST and archives:

Web edition (laptops, desktop computers, and many mobile devices)

Apple iOS devices (iPhone, iPad, and iPod touch), available free from Apple's App Store

Android devices (tablets, phones, and more), available free from the Google Play Store

Members must have a valid ARRL website login to access digital editions of QST. Need help? Visit the digital edition help page for frequently asked questions. Need more help? Contact Member Services by telephone (860) 594-0200 or (888) 277-5289 (US only) or e-mail circulation@arrl.org.



AMATEUR RADIO HISTORY

THE WAYBACK MACHINE

BY BILL CONTINELLI - W2XOY

For the FCC, 1978 started off, not with a bang, but rather a ban. On January 1, 1978, the FCC banned the sale of older 23 channel CB sets which did not meet the tougher Type-Acceptance specifications of the new 40 channel units. Anticipating this deadline, manufacturers had been dumping the older radios at fire sale prices. In particular, the crystal controlled 3 and 6 channel CB rigs were being sold--new--for as little as \$10. This was a bonanza for hams looking for an inexpensive alternative to 2 meter FM. With 10 meter crystals installed, a CB radio could be realigned for 28 Mhz operation in less than 20 minutes. Hundreds of amateurs, myself included, snapped up these unwanted CB sets and converted them to 10 meters. Throughout 1978, 73 magazine ran a series on various 11 meter radios, and how to get them tuned up on 10. Unfortunately, hams never set up a standardized 10 meter bandplan. As a result, each area had their own local calling channels, and the concept fizzled out after a few years.

Speaking of bans, the FCC, in 1978, adopted rules which prohibited the marketing of amplifiers capable of operation between 24 and 35 Mhz. They also imposed a Type Acceptance program on amplifiers operating below 144 Mhz. The ARRL had vigorously opposed these actions, to no avail. Catalogues, like the one from Lafayette Radio, were full of ads for amplifiers designed for operation between 15 and 6 meters. Although these were ostensibly amateur units, they were designed for a 5 watt AM input, and were styled to match the company's 11 meter radios. The FCC saw through the charade, and imposed their rather draconian measures in order to cut down on illegal high powered CB operations, particularly in the "10 1/2" meter band, between 27.4 and 28 Mhz.

On March 24, 1978, the FCC announced that "All prior call sign policies and procedures, written or unwritten, are canceled and hereby replaced". No longer would there be any specific call signs, or secondary station licenses. Instead, the FCC implemented the "4 group" callsign system, which continues to this day.

For years, Technicians had been denied access to the full 2 meter band. They obtained 145--147 Mhz in 1959, 147--148 Mhz in 1972, and 144.5--145 Mhz in 1977. At the beginning of 1978, Technicians were still banned from the 144.0--144.5 Mhz segment. Ever since 1969, the ARRL had asked the FCC to give them the full 2 meter band. Finally, on May 15, 1978, the FCC said yes. In addition, they allowed Technicians (and Generals) back into the 6 meter segment from 50.0--50.1 Mhz, which had been taken away from them in 1968 as part of Incentive Licensing. At last, Technicians and Generals had full privileges above 50 Mhz. However, General Class hams still had one more fight. They were banned from using Slow Scan TV on 75 through 15 meters. That was a fight that would be won another day.

For those Technicians itching to utilize their full 2 meter privileges, manufacturers were introducing new, synthesized transceivers. Radios such as Clegg's FM-DX and FM-28, the Midland 13-510, the Pace Communicator II, the Genave GTX-800, the Heathkit HW 2036A, and the KDK FM-2015R liberated hams from the confining world of 12 channels, and opened up the entire 2 meter band to exploration, in 800 5 khz steps. Late in the year, Henry Radio introduced the Tempo S-1, a synthesized 2 meter, 1.5 watt HT. The average price of these units was about \$350, or \$1000 in today's inflation adjusted dollars. There was some good news for those amateurs who couldn't afford, or didn't need an expensive synthesized rig. The prices on discontinued crystal controlled 2 meter radios fell by 60% or more, as dealers made room for the new units.

Unfortunately, crystal controlled rigs were the only items with falling prices. The U.S. was locked into double digit inflation, and the ARRL warned that the \$12 membership dues would probably have to be increased. Otherwise, the League was doing fine. Membership was 165,000--which was about half the number of the 330,000 hams. Incidentally, the ARRL's membership today is also 165,000, but there are 700,000 hams. League membership has dropped from 50% to 25%.

The big news towards the end of 1978 was NBVM--which stood for Narrow Band Voice Modulation. A description of this mode is quite technical, but in summary, on FM a frequency compandor compressed the signal bandwidth on transmit, and expanded the signal bandwidth on receive. For AM, an amplitude compandor compressed the signal amplitude on transmit, and expanded the signal amplitude on receive. The result was a significant reduction in transmitted bandwidth, less co-channel interference, and an improved signal to noise ratio. FCC tests showed that a signal 40 db stronger and only 2 khz away would not cause harmful interference to the received signal. Henry Radio came out with a NBVM system--the VBC Model 3000. It featured a 1300 khz bandwidth, which was 1/2 that of sideband, 1/4 of AM, and 1/10 of FM. Despite the apparent advantages of NBVM, it never took off in the amateur community.

Perhaps NBVM failed because, at the end of 1978, hams were preoccupied with WARC-79. No, that's not an FM Translator

WAYBACK MACHINE CONT.

callsign. It stood for the World Administrative Radio Conference which would take place in 1979. Amateurs were optimistic, yet concerned. In our next installment, we will look at WARC-79. So, until then, tune up your amplitude and frequency compandors, and explore that 2 meter band

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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: Skyriders Diversity DD-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: (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: January 25th 2014
Where: The Event Center - Saint Mary's Cathedral
1111 Gough Street San Francisco, CA 94109-6686
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	Nov 9 th	Sunnyvale, CA	10:30	AM
Sat	Nov 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	New Ham Night , LM Fire Station
Jun 12 th	Field Day Planning Mtg, LM Fire Station
Jun 22-23	CARC Field Day, Sweeney Ridge
Jul 10 th	Field Day Wrap-Up Mtg, LM Fire Station
Aug 14 th	Back to School Night, LM Fire Station
Sept 11 th	Meeting Night , LM Fire Station
Sept 28-29	Pacific Coast Fog Fest, Pacifica
Oct 9 th	2014 Officer Nominations, LM Fire Station
Nov 9	Election Dinner, Nick's Restaurant - Rockaway
Dec 11 th	Holiday Potluck Dinner Meeting, LM Fire

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



www.smcready.org



In Memoriam



Roger G. Spindler-WA6AFT/SK

THE COASTSIDE AMATEUR RADIO CLUB

The Coastsides Amateur Radio Club (CARC) is affiliated with ARRL, and meets the second Wednesday of each month at 19:30 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				
Office	Name	Call	Phone	E-Mail Address
President	David Rinck	K6DMR	(650) 359-8997	k6dmr@arrl.net
V. President	Ralph Bailey	K6DLZ	(650) 341-6236	kc6dlz@aol.com
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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:**

**NOVEMBER 9TH, 2013
NICK'S RESTAURANT
ROCKAWAY BEACH
PACIFICA, CA**

**2014 OFFICER ELECTION
DINNER
5:30PM**

COASTSIDE COMMUNICATOR

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

FIRST CLASS

TO:

