



THE COASTSIDE COMMUNICATOR

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APRIL 2017

WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

Greetings! Happy spring! I hope you are all enjoying the extended daylight this season brings.

I would like to remind everyone that one of the CERT Silver Dragon Exercises this year will take place in Pacifica on Thursday, April 20, from 8:00am-1:00pm. If you are available to participate and offer your services as an amateur radio operator, please contact Breck Hitz at hitzb@pacificapolice.org.

I would also like to personally thank those members who have offered to serve as net control for our Wednesday night net. If you have signed up and don't remember the date you signed for, Scott Mercer, our website master, has uploaded a copy of the Net Control roster onto our website. As I will personally be away from May 10 through June 3, I especially need assistance during that time frame. The May 31 slot still needs a volunteer to step in as net control. And, speaking of Scott Mercer, I would like to thank him for the time and effort put into transferring our website to its new hostsite, DreamHost. Incidentally, I am scheduled to be net control on April 5. I am actually having cataract surgery late morning on that date. In the event I'm experience after effects of anesthesia or can't see well enough with one good eye to serve as net control that night, I'm hoping someone will jump in and take over.

I've been keeping tally of our Wednesday night check-ins since our change to 8pm. We dropped down to just 7 check-ins on March 15 but were back up to 12 on March 22. We are not getting guest check-ins, which makes me think that some of the informational content in our net script is superfluous. I'll leave that thought with our Net Script Committee.

Our April Club meeting is our Home Brew/Junk Swap meeting. Perhaps someone else can make good use of something currently just taking up space in your abode. Bring it along. I personally have a Kenwood TR 7950 to contribute to anyone who can make good use of it. (Works great, but has a pl card for 114.8 only.) Dave Rinck and Roy Brixen will update us on the status of our repeater and our replacement project, we will discuss Club Field Day plans, and Roy Brixen will wrap-up with his Pixi 2 presentation. Hope to see you there!

73,
Mary Ellen-AJ6J
Club President

MARCH MINUTES

The March 8, 2017 meeting was called to order at 7:45p.m. by our Club President, Mary Ellen Scherer-AJ6J, at the Linda Mar Round Table Pizza in Pacifica. Self-introduction by the members followed.

Gary Barnes-KI6HIG stated that his name was not included in members present at last meeting. A motion made by Bob Barbitta-W6LOG and seconded by Georgia Grant-KE6KRT to accept the minutes as corrected. Motion was passed by unanimous vote of the membership present

TREASURER'S REPORT

Treasurer Frank Erbacher-N6FG read the report of the Club's financials from February: General Fund: \$3,304.70, Repeater Fund: \$526.85, APRS/Digipeater Fund: \$904.41, EOC/Public Service Fund: \$11,265.11. These individual fund totals add up to a club total of \$16,001.07.

Frank-N6FG read consolidated financial report from 2016: Gross Receipts: \$4915.35, Donations: \$781.00, Expenses: \$4,236.45, Other Income: \$2,190.00 from the Fog Fest. Major Expenses: ARRL Insurance: \$300.00, Field Day Expenses: \$349.45, Repeater: \$3820.00, P.O. Box: \$132.00. Total Expenses: \$4,601.45. Tax returns have been completed. Mary Ellen commented that it appears that we have less than \$1,000.00 in the Repeater Fund. She asked if we need to transfer funds from the EOC funds to the Repeater funds. Frank stated that funds are transferred as the bills come in.

Frank commented that though it had been discussed and recommended at the February meeting that the Club pay for lunch for the Repeater Replacement Project Planning Committee for its Saturday, February 25 meeting, that apparently no formal motion was made. Motion by Frank-N6FG for the Club to reimburse \$152 for the pizza lunch. Dave Lawrence-KF6TWW seconded. Motion was passed by unanimous vote of the membership present.

MEMBERSHIP

Club membership: Had a number of renewals. 72 total members, 3 non-licensed, ARRL membership: 71%

COMMUNICATIONS

Received The Radiator Newsletter.

COMMITTEE REPORTS

REPEATER

1. Update from David Rinck-K6DMR, Control Operator:
No report. Dave was not at the meeting.

2. Update from Roy Brixen-KE6MNJ, Repeater Replacement Project Manager: The controller committee and the power supply committee are working. Those are our 2 big hurdles that need to be solved first; then we can worry about direction and demolition later. August 1st is still a realistic date for completion of the project. Frank-N6FG asked Roy about tasks being divided up amongst members of the Repeater committee. There is a storage unit in Princeton Harbor provided by Roy Brixen that committee members can go to and work on the various phases of the project. Mary Ellen commented on the impressiveness of the project and thanked our skilled and experienced members for stepping up to tackle the project that should carry us for quite a few years.

3. NET SCRIPT

Update from Committee Chair Joshua Villyard-N6TZF: No report. Josh not at the meeting

AUTO-PATCH

No Report

DIGIPEATER

No Report

APRS

No Report

EMERGENCY SERVICES

No Report

FIELD DAY

Joe Pistrutto-N3CKF sent an email to Frank-N6FG stating he will not be attending Field Day this year. Frank said he has not contacted Scott- KI6SEJ to see if he will be involved or not. Frank stated that we need other people to step up and fill the gap. We need different/other ways to get radios/antennas/computers/van, etc. up the hill and hold the event. Need people that are willing to stay overnight and work the radios and computers. Roy suggested we do Field Day as it is intended and do it on the fly and work as an emergency. Frank-N6FG and Dave-K6DMR will have more information at next meeting.

Chris Icide-W6EZE has three computers for Field Day Logging. Joe Pistrutto-N3CKF wrote to Frank-N6FG stating he has one of his two versions of the logging program under WA6TOW. He told Frank how to download it with the security code. Frank responded to Joe to confirm all again and

asked if Chris-W6EZE could contact Joe-N3CKF with questions and then will forward to Chris to coordinate.

FOG FEST

No Report

NEWSLETTER

Published

WEBSITE

No Report

UNFINISHED BUSINESS**Web Host**

Mary Ellen-AJ6J reported that our webmaster Scott Mercer-KI6SEJ recommends that we go with Dream Host for our website hosting service. For a 3-yr commitment it is \$4.95/month for a total of: \$178.20. Mary Ellen asked for a motion to adopt Scott's recommendation that we commit to a three-year contract with Dream Host on the expiration of our contract with Hostmonster. Paul Atkins-AI6BB motioned and Gary Barnes-KI6HIG seconded to switch web hosting services. Motion was passed by unanimous vote of the membership present.

Club Activities

The following were suggestions made at the meeting with no dates set: Looking for guest speakers and/or volunteers to do demos; possible visit to Computer History Museum - \$17.50, San Jose Tech Museum, Exploratorium - \$30.00, Disney Family Museum - \$20.00 senior, \$25.00 general, Hiller Aviation Museum, Missile Silo Tour, Flashlight Tour of the Hornet.

Meeting dates for which activities were set include the following: April meeting, Roy Brixen's wrap-up; July meeting, Ice Cream social (with ice cream provided by Walt-KG6EDY) and Fox Hunting Antenna Build, (with information and planning to be provided by Steve Paganelli-K6YUA – materials cost estimated to be less than \$20); September meeting, presentation by Casey Villyard-N6TZE on "3D Printer for \$300 or Less." The meeting dates with no demos or speakers scheduled are May and October. It was noted that part of May's meeting would be needed for Field Day planning.

It was also suggested that we possibly co-mingle with some of the other clubs in the area (on the coast & down the peninsula).

Net Control sign-ups

Mary Ellen asked that more members sign-up. She passed around the sign-up sheet and is looking for more volunteers to take Net Control in May as she will be unavailable May 17th, 24th & 31st.

NEW BUSINESS

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Field Day News

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ANNOUNCEMENTS

HRO in Sunnyvale will be closing their doors and consolidating with the Oakland store. Bob-W6LOG stated that on April 22 there will be a BAEARS Ham Cram at the Fremont Fire Station.

PRESENT AT THE MEETING

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

Officers: President: Mary Ellen Scherer-AJ6J;
Vice-President: Ralph Bailey-K6DLZ; **Secretary:** Tom Oliver-KJ6OGL **Treasurer:** Frank Erbacher-N6FG.

Members: Charles Tillman-KG6CTT, Roy Brixen-KE6MNJ, Robert Barbitta-W6LOG, Steve Paganelli-K6YUA, Gary Barnes-KI6HIG, Dave Lawrence-KJ6TWW, Georgia Grant-KE6KRT, Paul Atkins-AI6BB, Ralph Kugler-KC6YDH, Chris Icibe-W6EZE, Walt Long-KG6EDY, Quentae Batiste-KF6OLC.

Visitors: none

Submitted by: Tom Oliver-KJ6OGL, Secretary



NEWS

ARRL UPDATE

New Bands! FCC Issues Amateur Radio Service Rules for 630 Meters and 2,200 Meters

The Amateur Service will officially get two new bands in the near future. The FCC has adopted rules that will allow Amateur Radio access to the 630 and 2,200-meter bands, with minor conditions. A Report and Order ([R&O](#)) was released on March 29. The effective date of the new rules is hard to predict at this point; more below. (This corrects and updates information that appeared in The ARRL Letter edition that circulated to members.) The R&O, which also addresses several non-Amateur Radio issues, allocates the 472-479 kHz band (630 meters) to the Amateur Service on a secondary basis and amends Part 97 to provide for Amateur Service use of that band as well as of the previously allocated 135.7-137.8 kHz band (2,200 meters). The R&O also amends Part 80 rules to authorize radio buoy operations in the 1900-2000 kHz band under a ship station license.

"It's a big win for the Amateur community and the ARRL," ARRL CEO Tom Gallagher, NY2RF, said. "We are excited by the FCC's action to authorize Amateur Radio access for the first time on the MF and LF spectrum."

The FCC said the Amateur Radio service rules it has adopted for 630 meters and 2,200 meters allow "for co-existence with Power Line Carrier (PLC) systems that use these bands." Utilities have opposed Amateur Radio use of the MF and LF spectrum, fearing interference to unlicensed Part 15 PLC systems used to manage the power grid.



Amateurs operating on 472-479 kHz would be permitted a maximum equivalent isotropically radiated power (EIRP) of 5 W, except in parts of Alaska within 800 kilometers (approximately 496 miles) of Russia, where the maximum would be 1 W EIRP. Amateurs operating in the 135.7-137.8 kHz band could run up to 1 W EIRP.

The FCC is requiring a 1-kilometer separation distance between radio amateurs using the two new bands and electric power transmission lines with PLC systems on those bands. Amateur Radio operators will have to notify UTC of station location prior to commencing operations.

The FCC also placed a 60-meter (approximately 197 feet) above-ground-level (AGL) height limit on transmitting antennas used on 630 meters and 2,200 meters. The bands would be available to General class and higher licensees, and permissible modes would include CW, RTTY, data, phone, and image. Automatically controlled stations would be permitted to operate in the bands. More details soon, on the ARRL website.

*ARRL Update cont.***Effective Date**

The fact that the new rules contain a new information-collection requirement -- notification of operation to the UTC -- makes it difficult to guess at an effective date. The FCC R&O says the Office of Management and Budget (under the Paperwork Reduction Act) must first approve the information-collection requirements (in §97.303[g][2]). Then, the revised Part 97 rules sections will become effective after the FCC publishes a notice in The Federal Register "announcing such approval and the relevant effective date."

Ham Radio Outlet Closes Silicon Valley Store

On March 22, Ham Radio Outlet ([HRO](#)) closed its Sunnyvale, California, store -- one of its first -- which served the Amateur Radio community in the heart of Silicon Valley for more than a quarter of a century. One of five California HRO stores, the Sunnyvale store has been consolidated as a cost-saving measure with HRO's Oakland operation.



"We needed to make some changes in our Northern California locations," HRO National Sales Manager Steve Gilmore, W4SHG, said in a statement. "Some of the costs associated with operating in the Sunnyvale location have absolutely skyrocketed, and the traffic and parking availability in our current Sunnyvale location has become seriously problematic." Employees in the Sunnyvale store were offered positions in the Oakland shop, about 1 hour away to the north along San Francisco Bay.

Store manager Jon Kelley, K6WV, [told](#) The Mercury News that the region's rising minimum wage was also a factor. He said the Oakland shop had become a gathering place for regular customers from the area. One of those regulars, Gregg Lane, KF6FNA, president of the Santa Clara County Amateur Radio Association, told the newspaper, "This is depressing. It's like the end of an era. It's like your best friend moving away."

For the closing, another regular, Steve Stearns, K6OIK, organized a flash mob -- his first -- and a final celebration by local hams of the store and its staff. "More than 60 hams descended on HRO Sunnyvale on its last day of business for cake and champagne," Stearns said. "It was a surprise party for the staff and customers alike."

Shuttering the Sunnyvale store leaves HRO with 13 retail outlets around the US. Last year, HRO took over the former Amateur Electronic Supply (AES) store in Milwaukee after AES went out of business.



AMATEUR RADIO HISTORY

THE WAYBACK MACHINE

BY BILL CONTINELLI - W2XOY

By the time World War I ended in November, 1918, almost 5000 amateurs had served in uniform, with many giving their lives overseas. Amateurs had proven themselves to be invaluable to the war effort. The Army and Navy were faced with an absolute lack of trained radio officers, instructors, operators, and even state of the art equipment. Amateurs stepped in and provided the knowledge, men and sometimes even the equipment necessary to help win the war. An interesting example of this was the case of Alessandro Fabbri, a wealthy yachtsman and radio amateur, who had top notch stations on board his yacht and on Mount Desert Island, Maine. The Navy commandeered the stations (and the yacht), made Fabbri an ensign, and placed him in command. Largely with his own money, he expanded his operation and improved his equipment. Fabbri's station was used to pass most of the official communications between the battlefronts in Europe and Washington. The traffic often amounted to 20,000 words a day, most of them in cipher. Captain (later Major) Edwin Armstrong, whose regenerative receiver was being used worldwide, was in charge of the Signal Corps' Radio Laboratory in Paris, where he developed the superheterodyne receiver. Thousands of amateurs served as Navy radiomen and Signal Corps operators.

It would seem from the information above that amateurs had conclusively proven their worth and that the Navy would return the amateurs' frequencies back to them once the war had ended. Sadly, this was not the case. A string of events conspired against the amateur, and almost eliminated all privately owned stations.

The villain in this play was the Secretary of the Navy, Josephus Daniels, a puritanical landlubber and teetotaler, whose opinions often got him into trouble. He was the type of individual that H. L. Mencken and Sinclair Lewis satirized as "one who is terrified that somewhere, someone is having fun". For years, he had demanded that the Navy have exclusive control of the radio spectrum. Now, it appeared, he had his chance.

The effects of the first modern global war, along with the Bolshevik Revolution in Russia, had temporarily turned the country extremely conservative. It was in this mindset that the Espionage Act of 1918 and Prohibition were passed.

Hundreds of suspected communists and anarchists were deported in the "Red Scare". Even the great Socialist Eugene V. Debs was imprisoned for disagreeing with the government. Seizing the opportunity, Secretary Daniels urged the passage of legislation giving the Navy a monopoly on radio communications. As a result, the Poindexter Bill was introduced in the Senate, and

the Alexander Bill in the House. Political observers gave both bills an excellent chance of passing. Back at the ARRL, things looked bleak. All memberships had lapsed (along with all amateur licenses), 80% of the amateurs were still overseas,

Wayback Machine cont.

QST had ceased publication, the unpaid printing bill was \$4700, and there was \$33 in the treasury. However, action was needed immediately to defeat these bills. Hiram Percy Maxim and the other board members dug into their own personal funds and sent out a "blue card appeal" to all known amateurs or their families asking them to write their Congressman and urge defeat of these bills. It worked. Thousands of letters poured into Washington from amateurs or (more often than not) their family members asking that amateur radio be saved. Congressmen who opposed a military monopoly of the airwaves also joined in, lending their support to amateur radio. Overwhelmed by this grassroots opposition to Naval control of the radio spectrum, Congress killed the bills in committee. This 1919 letter writing campaign had a profound historical impact on all of radio, for, had these bills passed, not only would amateur radio have disappeared forever, but all private communication activities (such as broadcasting, business radio, CB, GMRS, Cellular etc.) either never would have evolved, or would have been delayed by years or even decades.

With the bills defeated, Maxim and the ARRL Board of Directors issued \$7500 worth of bonds to League members to get QST going again. At the same time, pressure was brought on Washington to lift the radio ban and allow amateurs back on the air. Partial success was achieved on April 12, 1919, when the Navy removed the ban on receiving, but not transmitting. Thousands of amateurs and other listeners removed the seals from their receivers (which had been placed there by Government Radio Inspectors), strung up their antennas and warmed their filaments with the sounds of the government stations. But they wanted more. Their fingers fondled their telegraph keys as they waited for the lifting of the transmitting ban. Finally, in November 1919, after a Joint Resolution had been introduced in Congress demanding that the Secretary of the Navy remove the restrictions on amateur radio, the transmitting ban was lifted, licenses were reissued, and amateurs were back on the air.

Now began the "second war", Spark vs. CW. Remember that amateurs were allowed, in effect, just one frequency - 200 Meters. A spark station on 200 meters actually generated a signal from 150 to 250 meters. With the sensitive regenerative receivers now in use, the practical range was several hundred miles. Transcontinental relays now took less than five minutes. The number of licensed amateur operators stood at 5719 in 1920, 10,809 in 1921, and 14,179 in 1922. And all were operating on 200 meters! To quote Arthur Lyle Budlong in "The Story of the American Radio Relay League", it was "Interference, Lord, what interference! Bedlam!". Something had to be done.

And it was. Various transatlantic tests were conducted from 1921 to 1923. The results overwhelmingly showed CW was far superior to spark. Postwar vacuum tube production was at its peak. In 1921, an RCA 5 watt tube cost \$8, and, as a single tube CW transmitter, could outperform a 500 watt spark station. A 50 watt tube cost \$30, and was five times more

effective than the best 1kw spark station. Since CW took only a fraction of the bandwidth that spark did, over 50 CW stations in the same area could occupy the 150 to 250 meter range, vs. one spark station.

The transatlantic tests also revealed some other interesting facts. Due to the excessive interference on 200 meters, some stations had dropped down to 100 meters where, to their surprise, they found conditions much better. Throughout the 1922-24 period, hundreds of tests and casual contacts were made on the 100 meter wavelength which conclusively showed not only CW's superiority over spark, but increased range on the shorter wavelengths. Once again, the scientists came forward and said that long distances on 100 meters were mathematically impossible, and once again, the amateurs proved them wrong. During 1924, several CW contacts were made at distances exceeding 6000 miles. On October 19, 1924, a station in England worked New Zealand, a distance of almost 12,000 miles. Amateur communications had now reached halfway around the world. Although it would take a few years to discover the role that the ionosphere played in shortwave communications, there is no doubt that amateurs pioneered the practical uses of shortwave.

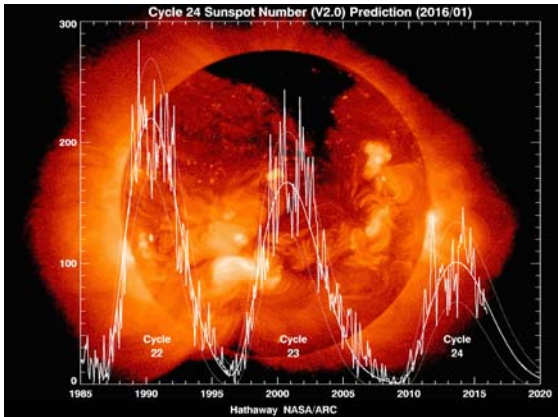
The phenomenal success of CW convinced the vast majority of amateurs to buy that vacuum tube. A few still clung to their spark sets, screaming "spark forever", but by 1924, spark was almost extinct. The 150 to 250 meter region was now orderly, filled with thousands of CW stations living in peaceful coexistence with each other (and the occasional spark renegade). Legally, however, amateurs could not go below 150 meters. True, many were already on 100 meters without a problem, but amateurs wanted a slice of the shortwave spectrum allocated to them. After all, it was amateurs who discovered the short waves, now, with world wide interest being shown here, they wanted protection. Negotiations were ongoing with the Department of Commerce to give the amateurs specific frequencies.

On July 24, 1924, the Department of Commerce authorized new amateur frequency bands. They were 150 to 200 meters (1500 to 2000 kc), 75 to 80 meters (3500 to 4000 kc), 40 to 43 meters (7000 to 7500 kc), 20 to 22 meters (13,600 to 15,000 kc), and 4 to 5 meters (60,000 to 75,000 kc). Except for a portion of the 150 to 200 meter band, spark was prohibited. Spark would survive in the hands of a few rebels until 1927 when it was banned altogether. CW was here to stay. By January, 1925, the 80, 40, and 20 meter bands were filling up with amateurs, drawn by the promise of transcontinental, daylight DX.

The Wayback Machine is going to hover over the 1920's for one more month, checking out an amateur with the call 8XK, and his activities on the night of November 2, 1920. In the meantime, take a sip of that Prohibition bootleg gin, check out those new SW bands, and join us next month on board the Wayback Machine.

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the Schenectady Museum Amateur Radio Club.*

SOLAR UPDATE



Tad Cook, K7RA, Seattle, reports: Solar activity rose over the past week, with average daily sunspot numbers rising from 3.4 to 29.7 and solar flux from 71.2 to 77.9. The average daily planetary A index increased from 10 to 18.3, and the average mid-latitude A index went from 7.1 to 13.6.

Predicted solar flux is 83 on March 30; 82 on March 31-April 3; 80 and 78 on April 4-5; 71 on April 6-14; 73 on April 15-17; 75 on April 18-22; 78 on April 23-26; 75 on April 27-29, and 73 on April 30-May 1.

Predicted planetary A index is 24 and 20 on March 30-31; 16 on April 1-2; 14 on April 3; 12 on April 4-6; 5 on April 7-16; 24, 25, and 10 on April 17-19; 5 on April 20-22; 25, 40, 35, 20, 18, and 12 on April 23-28; 8, 16, 12, 15, and 12 on April 29-May 3, and 5 through mid-May.

Tamitha Skov released a [video](#) a week ago, although it is a bit out of date by now, but her observations are always interesting.

Sunspot numbers for March 23 through 29, 2017 were 12, 12, 11, 20, 49, 51, and 53, with a mean of 29.7. The 10.7-centimeter flux was 72, 72.3, 74, 77.2, 82.8, 83.7, and 83.3, with a mean of 77.9. Estimated planetary A indices were 11, 6, 4, 4, 54, 28, and 21, with a mean of 18.3. Estimated mid-latitude A indices were 9, 7, 3, 3, 34, 22, and 17, with a mean of 13.6.



COMING EVENTS

Pacifica CERT (Community Emergency Response Team) For training and information

<https://pacificacert.samariteam.com/RequestInfo.aspx>
email: <mailto:cert@pacificapolice.org>

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: Saturday April 22

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

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

Sat	Apr 8th	Sunnyvale, CA	10:30	AM
Sat	Apr 15th	Redwood City, CA	10:30	AM

Web Page: <http://www.amateur-radio.org>



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 11th	2017 Agenda Planning, LM Fire Station
Feb 8th	Agenda Final, LM Fire Station
Mar 8th	Meeting Night, Pizza Night, LM Round Table
Mar 12th	Daylight Savings Time Begins
Apr 12th	Home Brew/Junk Swap Mtg, LM Fire Station
Apr 20th	Silver Dragon CERT Exercise, 0730-1300 hrs
Apr 30th	Dream Machines, El Granada
May 10th	Meeting Night, LM Fire Station
Jun 14th	Field Day Planning Mtg, LM Fire Station
Jun 24-25	CARC Field Day, Sweeney Ridge
Jul 12th	Field Day Wrap-Up Mtg, LM Fire Station
Jul 29th	Devils Slide Ride, PARCA Bike Event
Aug 9th	Meeting Night, LM Fire Station
Sept 13th	Meeting Night, LM Fire Station
Sept 23-24	Pacific Coast Fog Fest, Pacifica
Oct 11th	2018 Officer Nomination , LM Fire Station
Nov 5th	Daylight Saving Time Ends
Nov 11th*	Election Dinner, Nick's, Rockaway Beach
Dec 13th	Holiday Potluck Dinner Meeting, LM Fire

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



www.smcready.org
cert@pacificapolice.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 20:00 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



COASTSIDE NETS

Monday

7:00 PM on WA6TOW
146.925 MHz, PL 114.8
Pacifica CERT Net

7:30 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

8:00 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



**MEETING
NOTICE:**

**APRIL 12TH
LINDA MAR FIRE STATION
PACIFICA
7:30PM**

**HOME BREW/JUNK SWAP
MEETING**

CLUB OFFICERS				
Office	Name	Call	Phone	E-Mail Address
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Treasurer	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
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COASTSIDE COMMUNICATOR

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FIRST CLASS

TO:

58 Years



of Service