



THE COASTSIDE COMMUNICATOR

VOL. 51, No. 2

FEBRUARY 2019

WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

Greetings,

This year we got off to a good start at the January Meeting, which was the traditional plan session for the year. We have activities planned for most meeting nights. Coming up at the February Meeting, Roy, KE6NMJ, will do a presentation on Modern Repeater Controllers. The March Meeting will be our Pizza Night at the local Round Table.

Events such as Field Day, Fog Fest, and the Devil Slide Ride are annual events. We had proposals for other field trips, such as visiting the Potomac, KPH in Point Reyes, and the Red Oak Victory. But we need Club Members to step up to arrange/organize the trip. Please help if you can.

The calendar is not closed. It can be modified as we progress through the year. We haven't had any Field Trips or special events for the past few years. If you have any ideas for Club activities for meetings, events, or field trips, please bring them to the meeting.

As many of you know, this will be my fourth term as Club President, and would like to keep it to one year. So, I want to encourage those of you who have not had the honor of being Club President to consider the position next year. The job is not difficult; just run the Club Meetings, make sure the Net is covered, and may be represent the Club at some meeting or other event. The Club Secretary and Treasurer do most of the hard work.

As for our weekly Wednesday night Net, we will continue the having a rotation or taking turns running the Net. There will be a sign-up sheet at the meetings, and you can email me if you can't make the meeting and want to run the Net.

I hope to see you at the meeting on February 13th.

73,
Walt, KG6EDY
Club President



JANUARY MINUTES

Call to Order

The January 9, 2019 meeting was called to order at 7:30pm by: President Walt Long-KG6EDY, at the Linda Mar Fire House in Pacifica.

Self-introductions

Introductions by members in attendance.

Minutes

Correction from Dave-KM6CPF on the parties who setup the radio for W6VJJ, it was Dave-KM6CPF, Casey-N6TZE and Chris-N6EZE. Motion made by Dave-K6DMR and seconded by Roy-KE6MNJ to approve the December minutes as corrected. Motion was passed by unanimous vote of the membership present.

TREASURER'S REPORT

The Treasurer, Frank Erbacher-N6FG reported. Financial report: Still checking on year-end totals. General Fund: \$4,098.73, Repeater Fund: \$498.23, APRS/Digipeater Fund: \$1,230.84, EOC/Public Service Fund: \$13,530.11. Grand Total: \$19,357.91. Corrections made in final bill to Nick's Restaurant.

MEMBERSHIP

No totals yet. Members still renewing.

BILLS NEEDING APPROVALS

As per by-laws, need annual authorization approval for the treasurer to pay routine bills. Motion made by Roy-KE6MNJ and seconded by Dave-K6DMR. No discussion. Passed by unanimous vote of the membership present. Approved.

CORRESPONDENCE

None to report

COMMITTEE REPORTS

CURRENT REPEATER

1. Update on status of WA6TOW repeater from Dave Rinck-K6DMR: Had to reset the repeater a couple of times due to power failures. Was able to remotely restart. Working fine so far.
2. Auto-patch – Disconnected. Delete off report.
3. Digipeater –
4. APRS – Dave-K6DMR received an email from Dave Chamberlin-AE6DC that the APRS was down due to power failure and line down.
5. Emergency Services – Nothing at this time.

Replacement Repeater

1. Update on Repeater Replacement Committee progress from Roy Brixen-KE6MNJ: Casey has the 440-control receiver tuned up. Two antenna relays are in route to Roy's house.

FIELD DAY

June 22nd & 23rd. No report at this time.

FOG FEST

September 28th & 29th. No report at this time.

NEWSLETTER

Published

WEBSITE

Sent some updates and 2018 Newsletters to Scott-KI6SEJ to upload to the website.

Net Script

Using approved script.

UNFINISHED BUSINESS

None.

UNFINISHED BUSINESS.

Planning for 2019

1. Invitation from Half Moon Bay ARC to attend their February 20th meeting. Special guest will be Jim Tiemstra, ARRL Pacific Division Director. The meeting will be held at the CEOC next to the Sheriff substation on Kelly Ave, Half Moon Bay @ 7:00pn.
2. Club Meeting Activities for 2019:
 - a. Other Presentations or Demonstrations: February 13 - Roy – Repeater controller demo
 - b. Pizza Night: March 13 – Linda Mar Round Table
 - c. Home Brew Night: April 10
 - d. Swap Meet Night: May 8
 - e. Ice Cream Social: June 12
 - f. Back to School Night: August 14 – Roy
3. Outside Activities (Supported)

- a. Devil's Slide Ride: Saturday, June 8, 2019
- b. County Simplex Drill: March or May
- c. Green Dawn (Formerly Silver Dragon):
4. Trips and Adventures (*)
 - a. Fox Hunt
 - b. Hornet
 - c. Road trip to Dayton (Ohio) May:
 (* These are just suggestions, no action taken.)

Adjournment

Motion made by Bill-N6BCT and seconded by Roy-KE6MNJ to adjourn the meeting at: 9:03p.m. Meeting adjourned.

Present at the Meeting

Officers: President: Walt Long-KG6EDY, Vice-President: Bill Lillie-N6BCT, Secretary: Tom Oliver-KJ6OGL, Treasurer: Frank Erbacher-N6FG

Members: Roy Brixen-KE6MNJ, Dave Conroy-KM6CPF, Steve Paganelli-K6YUA, William Anderson-KM6HYK, Ralph Kugler-KC6YDH, David Rinck-K6DMR

Visitors: Janet Lutus-WB6WGN

Submitted by: Tom Oliver-KJ6OGL

Motion made by Frank-N6FG and seconded by Ralph-KC6YDM to approve the November minutes as posted in the Coastside Communicator. Motion was passed by unanimous vote of the membership present.

TREASURER'S REPORT

The Treasurer, Frank Erbacher-N6FG reported. Financial report: General Fund: \$1,697.32 Repeater Fund: \$339.23, APRS/Digipeater Fund: \$1,230.84 EOC/Public Service Fund: \$13,530.11. Grand Total: \$16,797.50.

Frank went to the Fog Fest Meeting: Stated that if you didn't put in 168 hours you only got half of the amount. CARC put in 68 hours. Still received a check for \$2300.00. Frank deposited into the General Fund, asked for a motion to transfer the funds to the EOC/Public Service Fund. Motion by Dave Conroy-KM6CPF and seconded by Ralph Kugler-KC6YDM. Motion was passed by unanimous vote of the membership present. Frank saw that that would put us in the negative. Decided it would work out as 2019 dues are received.

CORRESPONDENCE

None

MEMBERSHIP

66 members, ARRL – 68%

BILLS NEEDING APPROVAL

None at this time

COMMITTEE REPORTS

REPEATER

1. Update on current status of WA6TOW repeater from David Rinck-K6DMR: it's working.

2. Digipeater: No Report

3. Repeater Replacement Committee: progress report from Roy Brixen-KE6MNJ:

Replacement Repeater

Roy is waiting for the 440-receiver controller from Casey. Casey has the radio and filter to be tuned. Trying to coordinate schedules. Roy working on finals and dealing with the results of unhealthy air quality from the Camp Fire and shutting down the campus. Will start working on after first of the year. to go up on the tower.

FIELD DAY

No Report.

FOG FEST

See meeting notes.

NEWSLETTER

Published

WEBSITE

No report.

NET SCRIPT

Using approved script.

UNFINISHED BUSINESS

A. Mesh node: No updates

B. Results of the ARRL Pacific Division Leadership Meeting
Walt was not able to attend

C. Dave Chamberlin-AE6DC and Dave Conroy-KM6CPF
installed a radio for W6VJJ.

D. Ralph Bailey-K6DLZ's Memorial Service – Dave
Lawrence & Frank attend. Said it was a very nice service at
Hiller Aviation Museum in San Carlos. Lots of stories. About
100 people attended.

NEW BUSINESS

None. Officially turn control over to Walt Long-KG6EDY

ADJOURNMENT

Meeting adjourned at: 8:55p.m. Meeting adjourned.

PRESENT AT THE MEETING

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

Officers: - Officers: President: Tom Oliver-KJ6OGL, Vice-
President: Absent, Secretary: Absent, Treasurer: Frank
Erbacher-N6FG

Members: Casey Villyard-N6TZE, Steve Paganelli-K6YUA,
Dave Conroy-KM6CPF, Ted Niemira-K6TET, Paul Atkins-
AI6BB, Dave Rinck-K6DMR, Walt Long-KG6EDY, Roy
Brixen-KE6MNJ, Ralph Jugler-KC6YDM, Dave Lawrence-
KF6TWW.

Submitted by Secretary
Tom Oliver-KJ6OGL, acting Secretary

NEWS

Repeater Controller Basics with Examples

This short program will be an introduction to repeater controller technology. The presentation will be in four parts. First, a quick review of the basic parts needed to build a typical amateur radio repeater system. Second, a look at the responsibilities assigned to a repeater controller in a typical amateur radio repeater system. Third, doing an up close examination of two specific controller products—the CAT-250 and the S-COM 7330—focused on features and programming. And fourth, a stand-alone operational demonstration of the S-COMM 7330 driven by a homebrew test signal generator and I/O structure.

The Pacifica Amateur Radio Club members are invited to our February meeting. Our special guest will be Jim Tiemstra who is the ARRL Pacific Division Director. The meeting is held at the CEOC which is right beside the Sheriff substation on Kelly Ave in Half Moon Bay and starts at 7:00 pm on Wednesday 20 February 2019. This is an opportunity to ask about anything you always wanted to know about ARRL, ARES and anything to do with Ham Radio.

We look forward to seeing you there.

Harry Ysselstein, President HMBARC N6BHS

Silent Key- Alan D. Miller (PhD)- K6ADM

Alan Miller was a regular CARC member prior to 2011 and even before our WA6TOW repeater. Most years he did CARC shifts as a Fog Fest Dispatcher, member or not. Alan attended

k6adm cont.

many of our November Dinners. His home overlooked Linda Mar Beach. On WA6TOW he signed in as "The Voice of Pedro Point"! His Web Camera focused on that beach and its waters and was well known and used by surfers to see what the waves were like before they decided to visit area. If the camera was down, local hams often complained on TOW. Alan would then be notified. He worked in the field of nuclear power plant waste chemistry eventually starting his own company. He travelled to work which included the east coast's Three Miles Reactor. My last contacts and visits with him were in late '17 and he was getting very sick and needing a liver transplant. My home checks after that were unsuccessful though home looked occupied complete with antennas. Recently I tried FB. His page indicated "Lived in Pacifica". Then I found a Legacy Obit saying he passed late December 2017. 73's Old Friend. Frank N6FG

**ARRL UPDATE****FCC Digging Out from Beneath Shutdown Backlog**

In the wake of the more-than-month-long partial government shutdown, the FCC has set about tackling a backlog of applications already in the queue. At first, it sought to hold back the flood as it dug out, asking that Volunteer Examiner Coordinators (VECs) give the agency a little breathing room before submitting any additional new files. On Monday, services using the FCC electronic batch filing (EBF) system -- including commercial and amateur -- received an automated message from the FCC updating users on the situation.

"Due to the recent government shutdown, applications submitted through the Electronic Batch Filing (EBF) system between the dates of January 3 through January 29 will begin processing over the next several weeks [emphasis added]," the FCC said. "Please, be patient as we are expeditiously working through the backlog of filings." Expeditious it was, taking not weeks but days.

"The FCC worked through its backlog very quickly, and started processing our files about noon today," Assistant ARRL VEC Manager Amanda Grimaldi, N1NHL, said on Wednesday. "We're slowly submitting the files we have in queue -- we don't want to bombard them! Assuming there are no hiccups, everyone should see their applications processed by the close of business on Thursday."

The ARRL VEC had piled up some 2,700 pending Amateur Radio applications, many of them from 425 ARRL VEC examination sessions that took place during the shutdown or immediately prior to it. These do not include files that the other 13 VECs may have ready to upload.

As it attempts to dig out from beneath a blizzard of applications from all services, the FCC this week reset some

filing deadlines and established new receipt dates. The FCC said filings due between January 3 and January 7 (inclusive) will be due on January 30. Filings that would otherwise be required to be filed between January 8 and February 7 will be due on February 8. The FCC said all ULS applications and notifications originally due on January 3 through February 8 (inclusive) are now due on February 8, 2019.

"In addition, all Universal Licensing System (ULS) filings that were held during the lapse in funding through January 25, as well as any other ULS filings that were held from January 26 through January 29, will be considered received on January 29," the FCC said. The large volume of filings submitted during the partial government shutdown will be entered into ULS in batches and assigned a January 29 receipt date, the FCC said. That includes Amateur Radio vanity call sign applications filed via ULS or by mail between January 3 and January 29, which will be treated as filed on January 29.

Ordinarily, vanity call sign applications are processed on a daily basis, with a random selection procedure used to determine the processing order for applications filed on the same day.

The FCC said changes in receipt dates were made "in order to accommodate the orderly resumption of business."

National Weather Service Dropping High Seas and Storm Warnings on WWV/WWVH

The National Weather Service (NWS) is discontinuing its high seas and storm warnings transmitted via National Institute of Science and Technology (NIST) WWV/WWVH time and frequency-standard HF transmissions, starting January 31 at 1800 UTC. The NWS warnings are aimed at the Atlantic, the Gulf of Mexico, and the Pacific.

"This service is being terminated because weather information in the current broadcast format does not support frequent-enough updates for changes in marine weather and cannot provide enough detail in the allotted window required by mariners to avoid hazardous weather," NWS said in announcing the discontinuation. "Additionally, alternative technologies and numerous media outlets that provide weather information in various formats have overtaken the need for providing weather information through the NIST frequency signals."

The NWS said other sources of marine weather information, high seas alerts, and detailed forecasts are available over satellite, telephone, the internet, marine fax, radio fax, and VHF radio. The NWS, US Coast Guard, and US Navy provide multiple dissemination methods for storm positioning, high sea areas, observations, forecasts, outlooks, and warnings for both coastal and oceanic marine zones near the US, all through a variety of technologies, including NAVTEX and the Global Maritime Distress and Safety

System (GMDSS). ◀▶

AMATEUR RADIO HISTORY

THE WAYBACK MACHINE

by Bill Continelli - W2XOYI

If there was a buzzword to describe amateur radio in the first three months of 1958, it was "satellite". The Russians had launched Sputnik in November 1957. Thousands of hams tuned in the weak beacon from the satellite on 20 and 40 MC. Amateur Radio received a lot of publicity, as across the nation, many local papers ran articles on the hometown hams and the "signals from space".

Many amateur operators were also busy building converters for 108 MC, as the U.S. Army Signal Engineering Labs in Fort Monmouth, N.J. had a 50kw transmitter on that frequency to bounce signals off the moon. The antenna was a 60 foot dish. Those lucky enough to hear it received a special QSL. Also on 108 MC was the first U.S. satellite, Explorer, launched in February 1958. Hundreds of reports were received by the ARRL from those who heard it.

Amateur Radio was growing in 1958. The total number of hams was over 160,000, with predictions that we would go over 200,000 by 1960. ARRL membership was also at its highest ever, 60,000. In fact, there were so many hams, the FCC was running out of callsigns. The traditional 1x3 calls beginning with "W" or "K" were almost completely used up, especially in the 2nd and 6th call areas.

To alleviate the problem, the FCC began the 2x3 format. Henceforth, new Technician, General and Extra Class callsigns would begin with "WA", while Novices would get "WV". The large growth in the number of licenses was partly due to the popularity of the Novice and Technician Class. Novices had 50 KC on both 80 and 40 meters, a full 150 KC on 15, and voice privileges on the 145-147 MC portion of 2 meters. The Technician Class license, which had started out with only 220 MC and above, had been given 6 meters in 1955. With the sunspots at their peak in 1958, thousands of Novices and

Technicians were on 15 and 6, working worldwide DX, and getting WAC, WAS, and even DXCC awards. This upset some higher class licensees, some of whom demanded a reduction in the number of frequencies available to the Novice and Technician. No frequencies were taken away, however, the ARRL went on record as being against giving Technicians any 2 meter privileges. It wasn't until the 1970's that Technicians would finally get the full 2 meter band.

Early in the year, the ARRL filed a strong opposition to a proposal to remove Amateurs from the 11 meter band and establish a "Citizens Radio Service" there. Granted, the band was lightly used by hams; it wasn't a worldwide allocation, and there was interference from Industrial, Scientific and Medical devices on 27.12 MC, still it was OUR BAND, and the ARRL made a good argument for keeping it. The FCC was expected to make a decision by the summer.

In technical developments, slow scan TV was first described in the August, 1958 issue of QST. Transistors were coming out of the purely experimental stage, and were starting to show up in practical circuits. There were several all transistor power supply and modulator projects, and even a transistorized 10 meter "walkie-talkie".

Mandatory in any 1958 amateur base station was a broadcast band receiver. Why? In a word, CONELRAD. CONELRAD was the predecessor to the Emergency Broadcast System. It used key stations which would broadcast emergency messages on 640 or 1240 KC. Every amateur station had to monitor 640 or 1240 KC while on the air. Mobile operators in contact with a base station did not have to monitor CONELRAD.

Speaking of mobile, do you want to try it? Just remember these simple 1958 FCC rules: "Notices are required to the FCC Engineer-in-Charge of the Districts wherein the mobile or portable operation is contemplated, when such operation shall be in excess of 48 hours without return to the home address. Also, please remember to include the portable location or mobile itinerary, the dates of the beginning and end of each period of operation away from home, and the registry or license number of the vessel, vehicle, or aircraft from which mobile operation is to occur." Got that?

If you still want to try mobile, then consider the new Collins KWM-1 mobile transceiver. Its a 175 watt input SSB/CW rig which covers the 20, 15, 11, and 10 meter bands. You can get it for \$695. Let's take a look at the other 1958 rigs out there.

Hallicrafters had several receivers, the SX-99 at \$150, SX-100 for \$295, and the SX-101 at \$395. On the transmitter side, there was the HT-32, a 144 watt input AM/SSB/CW unit which covered the 80, 40, 20, 15, 11, and 10 meter bands for \$675. Johnson "Viking" transmitters ranged in price from \$55 for a basic CW kit to \$950 for a 600 watt SSB/AM/CW assembled unit. You can choose a good companion receiver from Hammarlund, from the HQ-100 (\$170) to the HQ150 (\$294) to the all new HQ160 (\$379). For VHF operators, the Gonset "Communicator III", an AM rig for 6 or 2 meters was introduced at \$270. It was CD approved, of course. Clegg had the Model 62T10, a 2-6-10 meter transmitter. On the budget side, perfect for the Novice, was the new National NC-60 general coverage receiver for \$60. Heathkit, of course, had some excellent bargains, from the DX-20 CW rig (\$35), to the DX-40, a 75 watt AM/CW rig for 80-10 meters (including 11 meters) at \$65, to a general coverage receiver for only \$30. All of the above were kits, of course.

How many Radio Shack stores were there in 1958? Two!! (Boston, Mass and New Haven, Conn.). Radio Shack had a 6 transistor portable radio for only \$29.95, which was "perfect for monitoring CONELRAD"

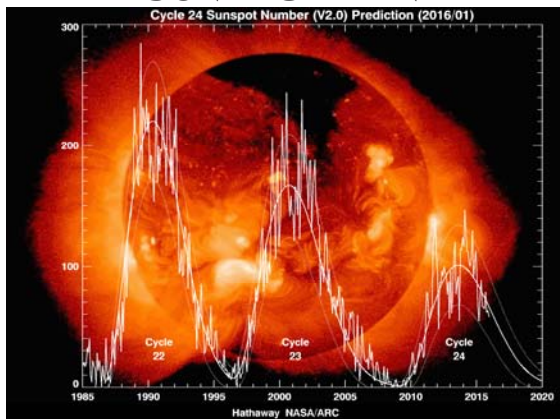
But the BIG NEWS in 1958 came from Collins. Late in the year, they introduced the S/Line of equipment. Collins took out glorious, exquisite, multi page, full color ads in QST to show off the 32 S-1 transmitter, the 75 S-1 receiver, and the

30 S-1 linear amplifier. A new standard had been set in amateur radio, and sideband was here to stay.

On September 11, 1958, the FCC came to a decision: "our" 11 meter band would be removed from us and turned over to the new Class C and Class D Citizens Band. A new concept was developing; that access to the airwaves should be made available to individuals for non-technical, non-hobby personal communications. It was the dawn of a new era.

In our next installment, we'll look at amateur radio in the early 60's. I hope you will join me.

SOLAR UPDATE



Tad Cook, K7RA, Seattle, reports: The past week saw increased solar activity, with average daily sunspot numbers rising from 5.3 to 19.6 and average daily solar flux from 69.8 to 74.5. We haven't seen such strong activity since the beginning of last summer, when we reported average daily sunspot number at 22.6 and average daily solar flux at 75.3.

Predicted solar flux is 73 on January 31; 71 on February 1; 72 on February 2 - 7; 69 on February 8 - 12; 72 on February 13 - 27; 70 on February 28 - March 3; 69 on March 4 - 11, and 72 on March 12 - 16.

Predicted planetary A index is 20, 18, 12, 10, and 8 on January 31 - February 4; 5 on February 5 - 18; then 12, 20, 12, and 8 on February 19 - 22; 5 on February 23 - 26; then 8, 18, 10, and 8 on February 27 - March 2, and 5 on March 3 - 16.

In this week's bulletin, look for a report from Jon Jones, N0JK, in Kansas, concerning FT8 activity on 6 meters.

Sunspot numbers for January 24 - 30 were 19, 27, 26, 22, 16, 15, and 12, with a mean of 19.6. The 10.7-centimeter flux was 73.5, 73.1, 75.8, 75.1, 76.6, 75, and 72.4, with a mean of 74.5. Estimated planetary A indices were 19, 13, 7, 5, 1, 2, and 2, with a mean of 7. Estimated mid-latitude A indices were 13, 10, 5, 3, 0, 0, and 0, with a mean of 4.4.

Share your reports and observations.

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.
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: \$35.00

When: Sat April 13th

Where: Redwood City CA

Former Credit Union Building 555 Marshall St.
Redwood City, CA 94063

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 Jan 12th Sunnyvale, CA 10:30 AM

Sat Jan 19th 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 9th	2019 Agenda Planning, LM Fire Station
Feb 13th	Agenda Final, Repeater Controller LM Fire
Mar 10th	Daylight Savings Time Begins
Mar 13th	LM Round Table Pizza 1400hrs
Apr 11th	LM Fire Station
Apr 28th	Dream Machines, El Granada
May 8th	Field Day Planning Mtg, LM Fire Station
Jun 8th	Devils Slide Ride, PARCA Bike Event
Jun 10th	Field Day Planning Mtg, LM Fire Station
Jun 22-23	CARC Field Day, Sweeney Ridge
Jul 11th	Field Day Wrap-Up Mtg, LM Fire Station
Aug 13th	LM Fire Station
Sept 11th	LM Fire Station
Sept 28-29	Pacific Coast Fog Fest, Pacifica
Oct 9th	2020 Officer Nomination , LM Fire Station
Nov ?	Election Dinner, Nick's, Rockaway Beach
Dec 11th	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 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

60 Years



of Service

50 Years



Affiliation

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:**

**FEBRUARY 13TH
PACIFICA
7:30PM**

**FEBRUARY MEETING
2019 CALENDAR @
PLANNING REPEATER
CONTROLLER BASICS WITH
EXAMPLES**

CLUB OFFICERS			
Office	Name	Call	E-Mail Address
President	Walt Long	KG6EDY	(650) 992-9491
V. President	Bill Lillie	N6BCT	(650) 726-3630
Secretary	Tom Oliver	KG6OGL	(650) 488-0704
Treasurer	Frank Erbacher	N6FG	(650) 355-4355
CLUB STAFF			
Control Operator	David Rinck	K6DMR	(650) 355-1778
Emergency Services	Frank Erbacher	N6FG	(650) 355-4355
Field Day	Frank Erbacher	N6FG	(650) 355-4355
Membership	Frank Erbacher	N6FG	(650) 355-4355
Newsletter Editor	David Rinck	K6DMR	(650) 355-1778
Newsletter Publisher	Frank Erbacher	N6FG	(650) 355-4355
Station Technician	Michael Herbert	WB6JKV	(650) 355-6541
Trustee of Club Call	David Rinck	K6DMR	(650) 355-1778
Website	Scott Mercer	KI6SEJ	-

COASTSIDE COMMUNICATOR

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