



# THE COASTSIDE COMMUNICATOR

VOL. 49, No. 6

JUNE 2017

WWW.COASTSIDEARC.ORG

## PRESIDENT'S COLUMN

I send my greetings to the membership from across the Atlantic. Mary Ellen-AJ6J



Big Ben



Stonehenge

## MAY MINUTES

The May 10<sup>th</sup>, 2017 meeting was called to order at 7:30p.m. by: Vice-President, Ralph Bailey-K6DLZ, at the Linda Mar Fire House in Pacifica. Self-introductions by the members followed.

Approval of April Minutes as posted in *The Coastside Communicator*. Motion made by: Dave Lawrence- KF6TWW and seconded by: Dave Conroy-KM6CPF. Motion was passed by unanimous vote of the membership present.

### *TREASURER'S REPORT*

Treasurer Frank Erbacher-N6FG gave financial report: General Fund: \$2,412.06, Repeater Fund: \$884.85, APRS/Digipeater Fund: \$909.41, EOC/Public Service Fund: \$11,265.11. Grand Total: \$15,471.43. Expenditures: ARRL insurance - \$300, Repeater expenditures - \$618 (Receipt from Roy-KE6MNJ: S-Com 7330 controller and 2<sup>nd</sup> party software package to expedite programming).

Bills needing approval  
None

### CORRESPONDENCE

Bank Statement. Frank-N6FG stated that there is other information, but did not want to inundate members with this info as it pertains to DX and Swap Meets in the Central Valley. If members wish to receive this information, contact Frank.

### MEMBERSHIP

Club membership is down to 60. ARRL membership is 83%. New member KM6HYK-William Anderson was not added last month. A suggestion was made by Roy Brixen-KE6MNJ to extract data from the FCC or QRZ websites on new hams in the area and send information to them about the club. This could include a copy or 2 of the *Communicator*. This in hopes of increasing membership. Dave Conroy- KM6CPF did a quick look-up on his phone and came up with a complete listing from the FCC for El Granada. Frank-N6FG stated that we get some members from the repeater, he does monitor as much as he can when home and tries to listen for new calls. Roy-KE6MNJ said we need to be proactive on. Tom Oliver-KJ6OGL said that he could take on that task.

## Committee Reports

## REPEATER

1. Update on status of WA6TOW repeater from Dave Rinck-K6DMR. Not at meeting.

2. Update from Repeater Replacement Committee chair Roy Brixen-KE6MNJ. In testing stages with new S-Com 7330 controller and software. He stated the only regret is he wished S-Com would have put a USB port on the controller instead of an RS-232. Said he needed to use a BNB Electronics USB to RS-232 adapter cable as the computers he has no longer have RS-232 ports. 2m running nicely in test mode. He held a Skype meeting with the power committee last weekend. They plan to do further testing this coming weekend under emergency conditions to determine battery sizes and number & charger requirements. He said that we need to document everything that is out-of-date and unconventional for the future. He talked to the people at KCSM-FM and saw a catalog and a name.

Roy requested a \$200 revolving fund for misc. hardware items needed so as not have to wait for the next meeting for approval and obtain the funds. Dave Lawrence-KF6TWW motioned to approve revolving fund not to exceed \$200 each month for misc. items for the repeater, Gary Barnes-KI6HIG seconded the motion. Motion was passed by unanimous vote of the membership present.

Per Roy & Power Committee, the general consensus is to use lead acid batteries for backup power and not the new state-of-the-art batteries. Cost is one issue, but the chemistry of newer batteries is they will explode and burn more than a lead acid. Gary stated that we should use the "matt-glass packed" type lead acid type.

## AUTO-PATCH

Not working. Dave-KF6TWW checked the equipment at Genentech and is powered on and seems to be running. He does not have equipment to test if working or not. Roy said that the reason it's not working is that the antenna has fallen of the tower due to the weather and is missing parts.

## DIGIPEATER

Partially working. Needs antenna work

## APRS

Functioning poorly

## EMERGENCY SERVICES

No Report

## FIELD DAY

See Unfinished Business

## FOG FEST

Frank-N6FG sent in notification that the club is available for setting up running the equipment handout and comm's for Fog Fest, September 23-24, 2017.

## NEWSLETTER

Published

## WEBSITE

No Report

## NET SCRIPT

Waiting for revision from Net Script Committee. Per President Mary Ellen-AJ6J, temporarily use the one from Dave Chamberlin-AE6DC. Mary Ellen requested in an email that Scott Mercer-KI6SEJ put it up on the website.

***UNFINISHED BUSINESS***

Field Day planning – Frank-N6FG has a few volunteers, but needs more. The more the better to setup & take down the antennas. Need someone to volunteer to rent a 12-17 foot box van – Chris-W6EZE volunteered. He is also providing the computers and network setups. Dave Rinck-K6DMR will get the required permit, Casey-N6TZE will haul up/back the "Blue Room" and bring up the pizzas, Frank-N6FG will provide his van for one of the radio systems. Walt to provide his "ground-fault" protection hardware. We have solar cells, night lighting, a couple of batteries. Chris-W6EZE said he will also bring up a portable crank vertical antenna that takes about 20 minutes to put up and get one station up and running. Will have an "ARRL GOTA" station. Get extra points from ARRL. Frank to do media paperwork. Frank said he will be reaching out to others for availability for the event.

***NEW BUSINESS***

Dave Lawrence helped with the Dream Machines event with the Half Moon Bay Radio Club. He worked his radio on the side of the flight-line and had a good time. He also stated that the date for the May meeting on the calendar on the back of the *Communicator* is incorrect. Shows the meeting as the 12<sup>th</sup> instead of the 10<sup>th</sup>.

***ADJOURNMENT***

Motion made by Dave Lawrence-KF6TWW and seconded by Chris Icide-W6EZE to adjourn the at: 8:50p.m. Meeting adjourned.

***PRESENT AT THE MEETING***

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

**Officers:** **President:** Absent; **Vice-President:** Ralph Bailey-K6DLZ; **Secretary:** Tom Oliver-KJ6OGL **Treasurer:** Frank Erbacher-N6FG

**Members:** Gary Barnes-KI6HIG, Roy Brixen-KE6MNJ, Dave Conroy-KM6CPF, Dave Lawrence-KF6TWW, Steve Paganelli-K6YUA, Chris Icide-W6EZE, Charles Tillman-KG6CTT, Walt Long-KG6EDY, Breck Hitz-W6CBH

**Visitors:** Pete Wanger-WA6ECH

Submitted by: Tom Oliver-KJ6OGL, Secretary

## NEWS

### *CARC FIELD DAY 2017- JUNE 24 AND 25, 2017*

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

#### **COASTSIDE ARC FIELD DAY**

Our club operates at the Portola Discovery Site, GGNRA, Sweeney Ridge, which is a vehicle restricted area. Vehicle access is controlled by a locked gate. The combination is available the day before this event.

Our Club's Field Day operation usually consists of 2 HF Stations, one in a truck and another in a van. Antennas will be a full sized 20 Meter Beam, and if we have enough help, a 15 meter beam, both up about 30 feet, and a VHF/UHF FM and digital station. We will scale operations up or down as needed according to the number of volunteers and set up help. And Please Come try your hand at operating whether you have a license or not!

Overnight operators usually sleep in their cars parked nearby. Others go home rest and come up later to operate and /or for take down. We try to schedule persons if we can. FIRST TIMERS are WELCOMED!

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

**Location:** Portola Discovery Site, GGNRA, Sweeney Ridge  
**Starts:** 8 AM- MEET AT GATE June 24<sup>th</sup>. Operating starts at 11 AM

**Ends:** 11 AM June 25<sup>th</sup>, Tear Down starts 9 AM. Operating Ends 11 AM. All equipment should be packed up to before 1 PM

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

information. Visitors are welcome accompanied by CARC members.

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

This is a GGNRA site with a narrow one way winding road. The uphill vehicle have the right of way so look ahead and pull over at the wider spots. Drive very slowly ALWAYS. Be extremely courteous to all walkers, bicyclists, and hikers and their pets. They WILL NOT EXPECT vehicles and with the wind, they will not hear you. They may be irritated that you are there as they use the area often. We want to KEEP our welcome up there.

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

#### **Permit Rules:**

**Fire Danger Area-** PERMIT PROHIBITION NO outside cooking or open flames allowed. Our Generator is the only potential fire source except smokers. NO SMOKING is allowed in any operating positions, nor in this GGNRA area, because of the Fire Danger and liability. Other site visitors not in our control are a concern so please help and tell them not to smoke.

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

Do Not Damage plants, etc. on this site.

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

#### **The Operation**

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



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

This site is a Monument Area with no improvements but it has great views; and it is a wonderful Amateur Radio site. However it is a windy hilltop area without trees and only shrub bushes. There is Poison Ivy in the bushes so please be careful. If you need to know what it looks like ask someone to point it out to you. The only night lighting available is at the operating area and is very minimal.

#### **What To Bring**

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

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

**Food and Cooking-** Each person supplies THEIR OWN FOOD, water and beverage needs while there. Open flame cooking is not permitted by permit. We WILL have a pot of hot water going all the time for your use. There will be instant coffee, hot chocolate and cups. Saturday PM at some point here should be Pizza provided by CARC. Who goes for it and when is determined by the Field Day Chairman at the site. However don't show up just to eat as we order for the number of those helping on site or who are scheduled to operate.

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

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

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

From : Field Day Chairman Frank N6FG, 650-355-4355 (Also for Gate Combination FD Weekend- Friday until Sunday), Cell 650-464-3870, [n6fg@arrl.net](mailto:n6fg@arrl.net) and David Rinck- K6DMR, 650-464-1352. [k6dmr@arrl.net](mailto:k6dmr@arrl.net)



### ***ARRL UPDATE***

#### **FCC and OSHA Release Communications Tower Best Practices Guide**

The FCC and OSHA have announced the release of a free publication, [Communications Tower Best Practices Guide](#). While aimed more at those who tend commercial communication towers, the guide offers information applicable to the Amateur Radio community and contractors working on Amateur Radio antenna support structures. The FCC said the guide was a result of two tower safety workshops.

"Recognizing the risks that tower employees face, OSHA and the FCC held a workshop on communication tower employee safety on October 14, 2014," the new guide explains. "During this workshop, industry stakeholders, along with employee safety advocates and the families of communication tower employees who had been killed on the job, gathered to discuss issues affecting the safety of communication tower employees."



A second workshop followed in February 2016, during which a panel of industry stakeholders and advocates discussed best practices that could reduce injuries and fatalities among tower workers. "This document is a collection of the best practices gathered from those workshops and from the discussions that continued beyond those events," the guide says.

Among other points, the guide emphasizes that all tower workers need "to have and use proper safety equipment at all times," and that, "no work should be done if proper safety equipment is unavailable or if the safety equipment available is not functioning properly."

The guide also notes an increasing use of drones for tower inspection. "This technology has the potential to reduce unnecessary climbing and can avoid putting [tower workers] at risk," the guide points out.

"Every tower climber death is preventable," stressed FCC Chairman Ajit Pai.

## AMATEUR RADIO HISTORY

### *THE WAYBACK MACHINE*

BY BILL CONTINELLI - W2XOY

The Radio Act of 1912 was hopelessly obsolete by the early 1920's. Conceived in an era of long and medium wave spark telegraphy, the Act was totally inadequate when it came to broadcasting and the shortwaves. The Department of Commerce gamely tried to stretch the Act to meet new requirements; the 1922 and 1924 "regulations" that banned broadcasting by amateurs, set up the broadcast band, and carved out the 160, 80, 40, 20, and 5 meter bands, were really nothing more than "gentlemen's agreements", valid as long as they weren't challenged.

For a time, they worked. Amateurs enthusiastically settled in on their new bands and began working the world, while the number of broadcasters in the new 550 to 1500 kc region jumped from 30 to almost 600 in just 3 years. Technical advances had not kept up with this growth, however, and there were problems. Crystal control of transmitters was still a couple of years away, and the unstable broadcasting stations drifted from their assigned frequencies, sometimes to the point of interfering with adjacent channels. Even stations off frequency by 400-600 cycles could cause ear splitting heterodynes. Most receivers of the 1920's were either regenerative or TRF (Tuned Radio Frequency), good on sensitivity, poor on selectivity. As a result, the 1920's broadcast band was saturated with only 600 stations. (Compare that to today's medium wave where tight frequency control of 20 hz, coupled with directional antennas and selective superheterodyne receivers, allows over 4000 stations to occupy the AM broadcast band without undue interference).

The Department of Commerce, therefore, issued regulations mandating such solutions as time sharing (where two or more stations occupied the same frequency at different times of the day), and daytime only operations. Stations were constantly moved to another frequency, or told to decrease power, in order to minimize interference. The Department also went after stations whose transmitters drifted onto adjacent channels. An interesting example of this was the Los Angeles station of "Sister" Aimee Semple McPherson, an evangelist who was the leader of the International Church of the Foursquare Gospel. Her station was notorious for drifting up and down the broadcast band. When the Federal Radio Inspectors tried to keep her on frequency, she imperiously wrote to Secretary Hoover, demanding that his "Minions of Satan" stay away from her transmitter. The Almighty would choose her Wavelength, she wrote, not the Department of Commerce.

Many of the stations that had been moved, told to reduce power, or share their frequency, did what any patriotic American would do--hire a lawyer. Once the legal bloodhounds began digging, certain things came to light.

Article I, Section 8, of the Constitution allows the Federal Government to regulate INTERSTATE commerce. Furthermore, it is an accepted fact that a Federal Agency cannot issue any regulations, unless it was given the power to do so by Congress. Thus, the lawyers for the disgruntled stations challenged the Secretary's "regulations" on two fronts, first, that the Radio Act of 1912 gave the Department no authority to regulate broadcasting stations, and second, that since many stations could not be heard across state lines, there was no "interstate commerce" and therefore no Federal jurisdiction. (This is the argument used by "Radio Free Berkley" and other low power pirate stations).

The Day of Reckoning arrived in 1926 when an Illinois District Court held that there was no Federal Law to permit the Secretary of Commerce to assign broadcasting licenses or frequencies. The Attorney-General admitted that the Federal Government had no control over radio, except what was specifically authorized in the 1912 Act.

Pandemonium broke out. Stations, liberated from all Federal control, upped their power, jumped frequency, and/or began full time operations on daytime or time shared frequencies. Smaller stations were jammed off the air. Unlicensed transmitters appeared out of nowhere, dropped down on any convenient (or inconvenient) frequency, and began broadcasting. Anarchy was King.

Amateurs, of course, could have legally joined in this RF Orgy. There was nothing preventing them from going back to broadcasting, moving to new frequencies, exceeding the 1 kw limit, or anything else they desired. To their credit, they did nothing of the sort. One reason was the immense respect they felt for Secretary Hoover, a man who over and over publicly supported amateur radio in any way possible. They would abide by their "gentleman's agreement" with him. The other reason was common sense. They knew that Congress would soon rectify the problem by passing appropriate legislation.

The broadcasters were "big boys" with a lot of money, powerful corporate backers, and 6 million listeners; they could afford to violate the spirit of the law and get away with it. Amateurs did not have this luxury. They realized that any violations of the 1922 and 1924 agreements, even if they were legally unenforceable, would cost them dearly in political support. So, while the 550 to 1500 kc segment was a free for all, the amateur bands were disciplined and orderly, as hams mastered the art of crystal control, and improved their operating skills.

Incidentally, one area in which those skills were honed was expeditions. From the Arctic to the Antarctic, from MacMillan to Byrd, amateurs provided the necessary communications of almost every major explorer. Also, in the area of emergencies, amateurs provided communications during snow and ice storms, hurricanes, earthquakes, and floods.



**Wayback Machine cont.**

The Federal Government quickly moved to end the chaotic mess on the broadcast band. On February 23, 1927, the Radio Act of 1927 was approved. This law defined "amateur radio" for the first time in a Federal statute, and created the Federal Radio Commission, which was given the power to classify and regulate all aspects of all radio stations for "the public interest, convenience or necessity". Criminal penalties were written into the 1927 Act for violations of the Act, or any regulation there under.

The Commission immediately went to work. "Minions of Satan" got Sister Aimee's station back on frequency, and shut down the transmitter of KFKB, the station of "Dr." John Brinkley, graduate of the Eclectic Medical School and proponent of prostate operations and (get this) goat gland transplants to cure all medical ills. Patients by the thousands listened to KFKB's broadcasts, and flocked to Kansas to have the operations, picking out their goat from the pens next to the hospital as they went in. (Do you think I could make this up?).

Unfortunately, after the Commission shut him down, "Dr." Brinkley went to Mexico by the Texas border, set up a 150,000 watt station, and continued his fraudulent operations. In regards to amateur radio, the Commission, in effect, kept the status quo for the 15,000 hams. All agreements and regulations enacted by the Department of Commerce were maintained and incorporated into current regulations. About the only change that hams noticed was the addition of a prefix on their calls, thus 1AW became W1AW, 1JS became W1JS etc.. the only change that hams noticed was the addition of a prefix on their calls, thus 1AW became W1AW, 1JS became W1JS etc..

However, the existence of a sympathetic Commission and friendly regulations wasn't enough. Radio was truly international, and, as a result, an International Radiotelegraph Conference was scheduled in Washington, D.C., for October 4, 1927. Word was filtering out of Europe and the Far East that many governments were anti amateur radio. How would our hobby fare at this conference? Stay with us next month as the Wayback Machine shows us the answers.

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the Schenectady Museum Amateur Radio Club.*

**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**

3<sup>rd</sup> 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**

2<sup>nd</sup> 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:** to be announced

**Where:** to be announced

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](mailto: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	June 24th	Sunnyvale, CA	10:30	AM
Sat	Aug 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 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 10th	Pixi Wrap-Up Mtg, LM Fire Station
Apr 20th	Silver Dragon CERT Exercise, 0730-1300 hrs
Apr 30th	Dream Machines, El Granada
May 10th	Field Day Planning Mtg, 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	Back to School Night, LM Fire Station
Sept 13th	3-D Printing for \$300 or less, 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:**

**JUNE 14TH  
LINDA MAR FIRE STATION  
PACIFICA  
7:30PM**

**FIELD DAY PLANNING  
MEETING**

CLUB OFFICERS				
Office	Name	Call	Phone	E-Mail Address
President	Mary Ellen Scherer	AJ6J	(415) 239-4513	aj6j@arrl.net
V. President	Ralph Bailey	K6DLZ	(650) 341-6236	kc6dlz@aol.com
Secretary	Tom Oliver	KJ6OGL	(650) 488-0704	toliver0557@gmail.com
Treasurer	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
CLUB STAFF				
Control Operator	David Rinck	K6DMR	(650) 355-1778	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
Newsletter Editor	David Rinck	K6DMR	(650) 355-1778	k6dmr@arrl.net
Newsletter Publisher	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
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