



THE COASTSIDE COMMUNICATOR

VOL. 50, No. 7

JULY 2018

WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

Greetings,

ARRL Field Day was June 23rd – 24th. Setup was 8am Saturday and take down started at 11am Sunday on Sweeney Ridge. This year Chris-W6EZE brought his motor home and it's Hi-Lo pneumatic 40-foot mast with a tri-band beam with 10, 15, and 20-meters., and a 40-meter dipole. Frank-N6FG with his van and a 20-meter beam. Below were two inverted "V" dipoles, 40 & 80-meters up about 30 feet. Justin-KM6PMV had a dual band Elk beam and was working satellites. This year we joined with the Half Moon Bay Radio Club (HMBARC) at Venice Beach in Half Moon Bay. I had planned on visiting them on Saturday after finishing work. Made it as far as Sharp Park Road on Hwy 1 where the traffic came to a full stop. My phone map app said it would take 2 hours to get to Venice Beach. Sorry folks I just drove over 100 miles with work and didn't want to deal with traffic for another 2 hours. It was a beautiful day though! Thanks to all who came out to help setup, operate and take down.

June 30th was PARCA's Devil's Slide Ride. It is a great event for a great cause. Coastside ARC provides communications support with radio operators at Aid Stations and Support and Gear Vehicles (SAG), to pass health and welfare traffic. I had a great time. A few hic-ups, but all-in-all went very well. Unfortunately, there were 3 or 4 riders that went down and required medical attention. Great job to Casey, Net Control & everyone that volunteered. I guess my new "handle/nickname" is going to be "Coconut 1". If you weren't on the radio at the time, come to the next meeting on July 11th to find out. There's not enough room in this column to explain.

Take care & see you at the next meeting.

73...Tom-KJ6OGL



JUNE MINUTES

The June 13th 2018 meeting was called to order at 7: 32pm by: President Tom Oliver-KJ6OGL, at the Linda Mar Fire Station in Pacifica. Self-introductions were made by members in attendance.

A motion was made by Bob-W6LOG and seconded by Frank N6FG to approve the May minutes as posted in The Coastside Communicator. Motion was passed by unanimous vote of the membership present.

TREASURER'S REPORT

Treasurer, Frank Erbacher-N6FG gave financial report: : General Fund: \$269.23, Repeater Fund: 1,745.78, APRS/Digipeater Fund: \$1,220.84, EOC/Public Service Fund: \$13,530.11. Grand Total: 16,765.96.

Bills needing approval.

All checks written have been submitted for payment.

CORRESPONDENCE

None

MEMBERSHIP

69 members, 2 non-licensed, 70% ARRL.

COMMITTEE REPORTS

REPEATER

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

2. Auto-Patch; Casey; still down but may be down for a long time. As there is no plan to connect it up to the new repeater and it has no further value. Casey suggested we remove this topic from the Agenda as soon as it has been taken down.

3. Digipeater: No Report

4. APRS; Dave-AE6DC looking at modernizing the setup. Proposes we purchase new one for \$160. In addition to this, he suggests we get a Kenwood radio. Changes can be made

Minuets cont.

remotely without going up the hill. Total would be \$560 + costs of additional switches and cables for a whole new setup. He needs an escort up the hill and can do it this week. David-K6DMR may be able to do this as he has access. Motion to approve increased amount of \$750 by Bob W6LOG and seconded by Chris W6EZE. Approved by all members present.

Dave-AE6DC asked about the declared site for the new APRS as "Montara Mountain" is supposedly not sufficient; apparently FCC wants the GPS location. No final decision made on that topic.

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

Power supply up and running for 45 days now, batteries are charging well. Re-tuning needs to be done and a few other parts to arrive. Chris and Roy will review their calendars and work on it.

Antenna work needs to be done also as it has not been updated in a very long time; person must be licensed and bonded in order to go up on the tower.

FIELD DAY

Numbers are still low and Frank N6FG is trying to make sure there are enough not just to set up, but to take down also. Frank asked people to sign up for Field Day.

Scott- KM6SCD asked about access etc and Frank N6FG will send out a two-page notice of particulars and what to bring. Tom KJ6OGL reminded members about pedestrian safety and their right-of-way when driving up and down the hill.

Chris W6EZE notified HMB not to expect a contingent from CARC but if anyone wants to drive down there and see what they're doing, that's fine. They set up on Friday evening.

FOG FEST

Paperwork complete and schedule will be made. Fog Fest Sept 29th and 30th.

NEWSLETTER

Published

WEBSITE

No report.

NET SCRIPT

Using approved script.

UNFINISHED BUSINESS

A. Bank Signature Card; progressing well. Frank proposed that we remain with two people having access and this was seconded by Bill N6BCT. In the event that these two people are unavailable, the process for working with the bank has already been outlined in an email to the club officers.

Mesh network (sector antennas) on the hill: Walt KG6EDY submitted MESH information from Chris N6EZE to San

Bruno Fire Dept for review and possible approval. Waiting for response from San Bruno FD.

NEW BUSINESS

A. 2018 Calendar of Events.

B. Duarte; Organic Farm status under review and reconstruction; until then, nothing can be planned. May be available in August or September. The T-hunt has not been decided.

ADJOURNMENT

Motion made by Bob-W6LOG and seconded by Casey-N6TZE to adjourn the meeting at 8:35 p.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: Bill Lillie-N6BCT, Secretary: Carmel Gallagher-KJ6ERS, Treasurer: Frank Erbacher-N6FG

Members: : Robert Barbitta-W6LOG, Scott Sutor-KM6SCD, David Chamberlin-AE6DC, Chris Icide-W6EZE, Casey Villyard-N6TZE, Walt Long-KG6EDY, George Salet-KJ6TSY, Justin Schneider-KM6PMV, Paul Atkins-AI6BB, Pete Wanger-WA6ECH, Dave Lawrence-KF6TWW, Roy Brixen-KE6MNJ, David Rinck-K6DMR.

Submitted by Secretary
Carmel Gallagher-KJ6ERS

**NEWS****FIELD DAY 2018****A CO-CHAIRMAN PERSPECTIVE**

The CARC had another successful Portola Discovery Site Field Day Event. Weather was great, not too windy, not very hot and not very cold compared to most years. It was spectacularly clear most of day and night. Day time propagation seemed poor it seems. Other stations were complaining also so it wasn't just our equipment. Sunday were off the top of the hill around 1:15 PM! One visitor operated and made contacts.

Part of Field Day is informing visitors about Amateur Radio and Field Day's purpose. We also informed them of this Portola's 1769 SF Bay Discovery Site and the 1969 purchase by the City of Pacifica with Pacifica Historical Society from grants, donations to protected it from developing.

All I saw were smiles except there was some frustration with band conditions, noise and dense signals. Great Job Gang!

CARC Operation:

This year Chris- W6EZE brought his new, large motor home with pneumatic tower with small 3 element tri-band (10, 15, 20) Beam and Rotating 40 Meter Dipole at 90 Degrees to beam. He also had a 80 meter wire Dipole 90 degrees from ours on the 20 Meter Full sized pole set up. He provided most of our Generator needs except for coffee in evening (Quiet 2kw by Justin-KM6PMV). No Portapotty or a moving van this year! What a pleasure Chris!

I am again VERY thankful for ALL those willing helpers on setup, staying to operate and for take down. We still could have used more operating help during the night.

Setup and take down crews were about 9, Only the 20 Meter beam was setup with W6EZE's antennas which he used from 40 Meters up. Before Noon the 20 Meter beam was in service and the 40/15 meter and 80 meter wire dipoles antennas were ready about 1 PM.

Motorhome: Chris- W6EZE provided BATTERY/SOLAR (100 points) until early dusk Saturday.

Chris- W6EZE also provided all the logging computers, managed all the network with cabling using and contest software (from Joe- N3CKF) via WI-FI in Motor home. His station was an Icom IC-7851 HF. I provided the Van Station with my IC756 Pro II (From Roger-WA6AFT's). Justin KM6PMV brought a dual band Yaesu FT-100D radio and an ELK LPDA VHF antenna for VHF and satellite contacts. Bands used were 80, 40, 20, 15 with 2 meters and 440 MHZ all modes including Satellite! (Justin-KM6PMV). No digital again!

The 20 Meter CARC antenna setup had been provided by or fabricated by Roger- WA6AFT (SK).

Preliminary report:

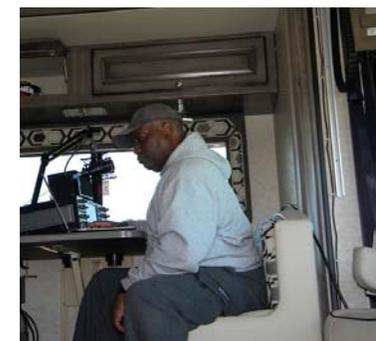
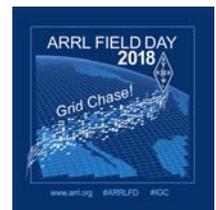
The band conditions/number of operating hours were not as good as last few years. We still had 70 CW (20 '17), and 282 (461 '17) Phone, totaling 352 contacts this year (461 '17). Total Points 422. CW are 2X the phone points. The Field Day Bulletin this year was again copied by Bill- N6BCT. Ted-AI6YN and John- N6SJF CW provided our CW points. Chris-W6EZE will provide more details at the meeting and on our Website.

Co-Chair Dave-K6DMR provided our GGNRA permit contacts and dealings. I contacted Pacifica Tribune for the FD Article (Did Not Print any Pacifica Group information at all now!). The City of Pacifica's Amateur Radio Week Proclamation was given and I did not attend. We will need to attend to provide more visibility and maybe use another Social APP

We were listed by ARRL thanks to Walt- WG6EDY Joshua- N6TZE and Renee delivered the Saturday evenings pizza with a few friends and new ham. Two Sheriff's CU members (2) included Ross- WB6ZBU (CARC) and SSF Fire Chief visited (100 pts). Forty visitors signed receiving FD and Portola Site info. A good number did not sign.

Attending and operating were: Over Overnight gang were Chris- W6EZE, (Operator, set up/take down), Walt- KG6EDY (Operating Area and LED lighting, Justin – KM6PMV (LED light also) and myself, N6FG. John- N6SJF (Setup and CW points man), George- KJ6TSX, Bill- N6BCT- Operator and ARRL FD Bulletin-(100pts), Guest operator KB6WFC, Paul AI6BB, Dave Conroy- KM6CPT (for set up, guying and Inverted Vee un-tangling, Operating), Quentae- KF6OLC., Joshua- N6TZF (and Renee) at Saturday Pizza. Tom- KF6OGL Delivered Sunday Coffee and Donuts again, and myself, Frank- N6FG, who is hoping he hasn't missed anyone! . GOOD JOB ALL!!!!!!

"I CAN'T WAIT UNTILL 2019 FD" - 73's Frank- N6FG



ARRL-FIELD-DAY

Created by N3FJP's ARRL Field Day Contest Log
Version 5.8 www.n3fjp.com

Total Contacts = 352
Total Points = 422

Operating Period: 2018/06/23 19:03 - 2018/06/24 17:55

Total op time (breaks > 30 min deducted): 16:31:23
Total op time (breaks > 60 min deducted): 19:08:14

Avg Qs/Hr (breaks > 30 min deducted): 21.3

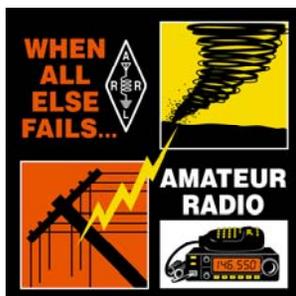
Total Contacts by Band & Mode

Band	CW	Phone	Dig	Total	%
80	0	49	0	49	14
40	25	50	0	75	21
20	45	138	0	183	52
15	0	30	0	30	9
2	0	12	0	12	3
70	0	2	0	2	1
Sat	0	1	0	1	0
Total	70	282	0	352	100

Total Contacts by Country:
Country Total %

USA	327	93
Canada	13	4
Hawaii	6	2
Alaska	3	1
Chile	1	0
Puerto Rico	1	0
US Virgin Is.	1	0

Total = 7



AMATEUR RADIO HISTORY
THE WAYBACK MACHINE
by Bill Continelli - W2XOYI

In 1974, the amateur radio population was on the increase again, thanks to the popularity of 2 meter FM. Incentive Licensing had been in place for 5 years, and the anger and resentment over losing HF frequencies was beginning to fade. However, trouble was brewing. The FCC had several petitions on their agenda, most from hams, and one from the Electronics Industry Association. In late 1974, two bombshells were dropped.

The first surprise was Docket #20282--the FCC's restructuring plan for amateur radio. Apparently oblivious to the upheaval that was caused in the 1960's with Incentive Licensing, the FCC was now proposing rules that would take away major privileges from Generals, eliminate the ability of 90% of Technicians to renew their license, and, horror of horrors, create a new "No Code" license. The proposal was somewhat complicated, so grab a pencil and some paper, and follow along.

The FCC, in essence, wanted to create a "dual ladder" incentive licensing system, with two routes available. The first, named Series A, covered the shortwave frequencies, while Series B encompassed the VHF-UHF allocations. The dividing line between Series A and Series B was not 50 Mhz, as one would expect, but rather 29 Mhz, or roughly the middle of the 10 meter band.

Series A contained familiar amateur classes--Novice, General, Advanced and Extra. Novices would get a power increase from 75 to 250 watts input, and would also gain a 5 year renewable license to replace the 2 year non-renewable one now in existence. Generals would lose big--the 29.0 to 29.7 Mhz segment of 10 meters would be taken away; they would be limited to A1 (cw), A3 (AM & SSB), and F3 (FM) emissions only (in other words no more slow scan TV, RTTY, or radio control); power output would be reduced to 500 watts PEP; and they could no longer supervise mail examinations. Furthermore, they could no longer be the trustee of a club station or repeater. Generals who were already licensed if or when this proposal was adopted would also be "Grandfathered" into the Series B Technician Class license. The Advanced class gained under Series A. They kept all of their privileges below 29 Mhz, received a power increase to 2 kw PEP output, gained access to the Extra Class phone segments, and would be "Grandfathered" into the new "Experimenter" Class in Series B.

The Extra Class lost their exclusive phone bands, which would be shared with the Advanced license. However, they kept their cw subbands, and gained the 2 kw PEP output, as well as a lifetime operator license. Note that the Conditional Class license is not mentioned. That's because the FCC incorporated it into the General license. Conditionals would have the letter "C" after the word General, and their license would not be renewable.

Wayback Machine cont.

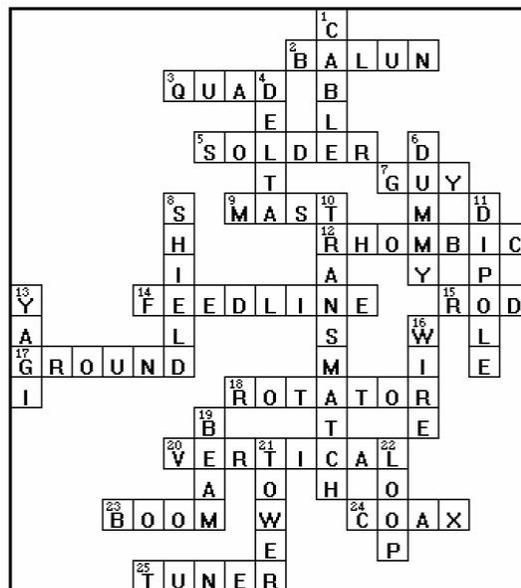
On the Series B, or VHF-UHF side, the proposed changes were even more drastic. The FCC, for the entry level license, would create a new "No Code" "Communicator" Class, which would allow operations above 144 Mhz using F3 (FM) emissions only. Technicians would gain some frequencies--the 50.0-50.1 and 144-145 Mhz segments--but otherwise, like the Generals, would lose big. They could only use A1, A3 and F3 emissions with 500 watts PEP output, and could not be the trustee of a club station or repeater. However, the worst news for Technicians was that those who had taken their exam via mail (about 90%) would not be allowed to renew. They, like the Conditionals, would have to pass the test again before their license expired. One step above the Technician Class was another new license proposed by the FCC--the Experimenter Class. "Experimenters" would have all amateur privileges above 29 Mhz, with 2 kw PEP output. Above the Experimenter license was the Extra Class, which held the distinction of being at the top of the ladder for both Series A and B. The FCC proposed adjusting the written exams to accommodate the different requirements of Series A and Series B. Element 2 (the old Novice written exam) would be rewritten into 2A (Novice) and 2B (Communicator). Novices would have to pass the 5 wpm code, as well as 2A, while Communicators only had to pass 2B. Likewise, the General Element 3 would be divided into 3A (General) and 3B (Technician). Generals and Technicians would still have to pass the 13 and 5 wpm code tests respectively. Advanced Class operators needed 13 wpm and the Element 4A written exam, while Experimenters had to pass a 5 wpm code test along with Element 4B. For the Advanced and Experimenter Classes, only the 20 wpm code test was needed to upgrade to Extra. Since, except for the Extra, the Series A and Series B licenses did not overlap, the FCC would allow amateurs to hold one license in each Series. This created some interesting possibilities. As previously noted, a General could also hold a Technician, and an Advanced the Experimenter. Both Technicians and Experimenters could obtain a Novice, if they passed Element 2A. The "No Code" Communicator could also hold a Novice, if Element 2A and the 5 wpm tests were passed. The FCC set a June 1975 deadline for comments on the restructuring proposal. The ARRL, still smarting from the Incentive Licensing conflicts, wasn't going to comment until they had taken the pulse of their members. What was the ARRL's response? And just what was "Class E CB", the other FCC proposal? How did it affect Amateur radio? In our next installment, the "Wayback Machine" will have the answers. *Re-printed with permission. Wayback Machine #19 Copyright 1996, 2001 by William Continelli, W2XOY All rights reserved. These columns were originally written for the Schenectady Museum Amateur Radio Club*

NAME THAT RIG!

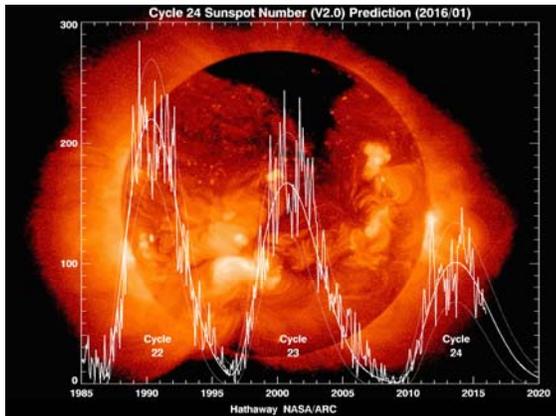


JOHNSON VIKING NAVIGATOR

CARC PUZZLER
ROB L. DEY, KA2BEO
ANTENNAS



SOLAR UPDATE



Tad Cook, K7RA, Seattle, reports: Conditions were good for Field Day weekend, with no geomagnetic disruptions and solar flux and sunspot numbers relatively high for this part of the solar cycle. The sunspot numbers were 41, 34, and 16 for Friday, Saturday, and Sunday, while solar flux was 80.3, 77.1, and 74.5.

By June 27, though, no sunspots were visible. The average daily sunspot number of 22.6 was down slightly from the previous week's 25.7. Average daily solar flux nudged up this week from 74 to 75.3, and the average planetary A index increased from 6.7 to 9.9.

Predicted solar flux is 71 and 69 on June 28-29; 68 on June 30-July 6; 72 on July 7-13; 75 on July 14-15; 77 on July 16; 80 on July 17-19; 77 on July 20-21; 75 on July 22; 72 on July 23-24; 70 on July 25-26; 68 on July 27-August 2; 72 on August 3-9, and 75 on August 10-11.

Predicted planetary A index is 10 and 8 on June 28-29; 5 on June 30 and July 1; 6 and 8 on July 2-3; 5 on July 4-14; 15 on July 15; 5 on July 16-19; 15 on July 20; 8 on July 21-22; 10, 25, 18, 12, and 8 on July 23-27; 5 on July 28-August 10, and 15 on August 11.

Jon Jones, N0JK, reported a 6 meter opening from the midwest to Asia on June 21. As he described it, "A major sporadic-E opening on 50 MHz between Japan, China, Korea to North America June 21. Hundreds of contacts were made, most via FT8." More details can be found in the Friday Propagation Bulletin.

Sunspot numbers for June 21-27 were 41, 41, 34, 16, 14, 12, and 0, with a mean of 22.6. The 10.7-centimeter flux was 81.5, 80.3, 77.1, 74.5, 72.8, 71.1, and 70, with a mean of 75.3. Estimated planetary A indices were 3, 4, 16, 7, 12, 20, and 7, with a mean of 9.9. Estimated mid-latitude A indices were 4, 4, 15, 8, 10, 17, and 7, with a mean of 9.3.



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: 07/21/18

Where: Burlingame Recreation Center
850 Burlingame Ave. Burlingame 94010

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 July 14th Sunnyvale, CA 10:30 AM

Sat July 21st 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 10th	2018 Agenda Planning, LM Fire Station
Feb 14th	Agenda Final, LM Fire Station
Mar 11th	Daylight Savings Time Begins
Mar 14th	Round Table Pizza LM Meeting
Apr 11th	LM Fire Station
Apr 14th	SMC Simplex Drill
Apr 29th	Dream Machines, El Granada
May 9th	Field Day Planning Mtg, LM Fire Station
Jun 7th	Green Dawn CERT Exercise, 0730-1300 hrs
Jun 13th	Field Day Planning Mtg, LM Fire Station
Jun 23-24	CARC Field Day, Sweeney Ridge
Jun 30th	Devils Slide Ride, PARCA Bike Event
Jul 11th	Field Day Wrap-Up Mtg, LM Fire Station
Jul 21st	Ex-Pac III. Pacifica Emergency Exercise
Aug 8th	Back to School Night, LM Fire Station
Sept 12th	LM Fire Station
Sept 29-30	Pacific Coast Fog Fest, Pacifica
Oct 10th	2019 Officer Nomination , LM Fire Station
Nov 4th	Daylight Saving Time Ends
Nov 10th	Election Dinner, Nick's, Rockaway Beach
Dec 12th	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

59 Years



of Service

49 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

CLUB OFFICERS				
Office	Name	Call	Phone	E-Mail Address
President	Tom Oliver	KG6OGL	(650) 488-0704	toliver0557@gmail.com
V. President	Bill Lillie	N6BCT	(650) 726-3630	billn6bct@gmail.com
Secretary	Carmel Gallagher	KJ6ERS	(650) 670-2322	tlcperrn@sbcglobal.net
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
Station Technician	Michael Herbert	WB6JKV	(650) 355-6541	wb6jkv@pacbell.net
Trustee of Club Call	David Rinck	K6DMR	(650) 355-1778	k6dmr@arrl.net
Website	Scott Mercer	KI6SEJ	-	ki6sej@arrl.net



**MEETING
NOTICE:**

**JULY 11TH
LINDA MAR FIRE STATION
PACIFICA
7:30PM**

JULY MEETING

**FIELD DAY
WRAP-UP**

COASTSIDE COMMUNICATOR

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

FIRST CLASS

TO:

