



THE COASTSIDE COMMUNICATOR

VOL. 55

No. 5 ~ MAY 2023

WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

The year is flying by and as the weather is getting better, we are planning our outdoor activities. First and foremost, we have Field Day coming up on June 24th and 25th. We will be holding it at our new location at Oceana High School. Last year was our first time at the School and we were concerned about how we would do with the hills to the east of the location, but in the end our performance was pretty much the same as at Sweeney Ridge.

We discussed Field Day at our pizza meeting in April. We had a good turn out and everyone enjoyed the food and good company. We brainstormed on ideas for the Club including outings and also the idea of comping the first year membership dues for new members.

Casey-N6TZE reports that he has the Yaesu DR-2X up and running and is working fine. This will be used to temporarily replace the existing aging equipment on Montara Mountain. This comes at a good time as the weather improves and the trails dry out.

73, Steve KN6ORM
Club President



CARC APRIL 12, 2023 MEETING MINUTES

Attempted to record meeting audio over Zoom. Reception was poor and not all participants were heard.

Call to Order

The April 12, 2023 meeting was called to order at 7:34pm by President Steve Austin-KN6ORM, at Round Table Pizza, Pacifica. Attempting to include participants via Zoom.

Self-introductions

Introductions by members in attendance.

Minutes

Motion made by Dave-KF6TWW and seconded by Paul-AI6BB to approve the March minutes as published in the April Coastside Communicator. Motion passed by unanimous vote of the membership present.

TREASURER'S REPORT

The funds provided by the Treasurer as of March 30, 2023 are:

General Fund	\$ 4,458.23
Repeater Fund	\$ 2,414.00
APRS/Digipeater	\$ 1,511.00
EOC/Public Service	\$ 15,730.00
Grand Total	\$ 24,113.23

Collected: \$100 in Primary Dues, \$67 in Funds, \$6 in Family Dues. As of the end of March, there are 48 paid members on the Roster. CARC Insurance has been renewed. Term is from June 1, 2023 to June 1, 2024. We have been advised to contact the insurance company just before the date of our new desired term. The calendar year would be adequate time for Field Day preparations involving insurance. State Tax forms for 2021 & 2022

have been filed. Action Items: See New Business.

Membership – Welcome New Member Bharat Bailur - W2OKB

Bills needing approval – Insurance paid - \$300 for the year.

Correspondence – Steve received an email from the Fog Fest organizers with the forms for sign-up. Still looking to handle communications and lost & found. He will fill them in and return.

COMMITTEE REPORTS

Current Repeater

1. Status of current WA6TOW repeater: Steve asked if anyone has used the repeater and what its status is. Frank said he monitors it every day. Still intermittently works and struggles at times. Steve said he needs to talk with Casey on planning the trip to repeater site. The temporary replacement repeater needs the firmware updated, then is ready to be installed.

2. APRS – No Report

3. Emergency Services – No Report

Replacement Repeater

Update on Replacement Repeater: Waiting for the weather to get better to make trip up the hill to do visual inspection and evaluation on current repeater and antennas. After inspection, it will be determined what the best plan of action will be; Make adjustments/repairs to current repeater until new repeater has been completed & tested and ready for installation. Or if it is determined that the current repeater is beyond repair, install the temporary repeater and use until the replacement repeater has been completed and tested and ready for installation.

NEWSLETTER – Published and emailed to Paul.

WEBSITE – Working. Newsletter available for viewing or download.

UNFINISHED BUSINESS

A. 15-meter beam antenna – Still waiting for the weather to clear to work on antenna.

B. 2023 CARC Schedule of Activities: Steve to check the schedule for the USS Hornet and the California Historical Radio Society. Possible date could be June 3rd.

C. Field Day reservations at Ocean HS – Jon-N6SJF has submitted request. The school needs a copy of the Club's insurance. Jon paid the insurance for the year. He will contact insurance company for copy of certificate and pay

the school. Probably look into getting a box van instead of a motorhome.

D. Speakers giving presentations via Zoom – Per Steve, will look further into later in the year.

E. Field Day Presentation to Oceana HS Administrators – Possibly do a presentation to the student body next year. Need to get approval from school administrators to be able to hold an assembly. Do more research for presenting next year. Jon is working on an invitation to students for this year's Field Day.

F. Jon-N6SJF submitted FTB form 199n for tax year 2021 & 2022. Item Completed.

NEW BUSINESS

A. Per Jon, he has two action items:

1) The Treasurer asks guidance on new member initial payment of dues. It would be simplest to have all members start membership in January. The Treasurer suggests any new member who pays between January 1 and the deadline of March 31 should be considered a member for that year. Any new member payments after March shall be recorded as payment for the current year, plus the following year. We could adopt a proration schedule for all payments after March 31, but that would require rewriting the application form. Discussion followed. Ted-W6SY suggested giving all new members first year free. There was a question on proration for signing up after March 31st. In the past, it was \$2.00 for each month for the remainder of the year. No motions made that needed to be voted on.

2) Our PayPal account is set up. All we must do is link to the checking account. After thinking about such a link for a few days, it became apparent it may not be wise to link to a checking account holding all our funds. The solution would be to open a second checking account or invest in a Certificate of Deposit. US Bank does not charge checking account fees for 501(c)(7) and offers a CD at around 4.5% annum for an 11-month period. Jon will further investigate how the process works and report at the next meeting.

Adjournment

Motion made by Gary-KI6HIG and seconded by Jon-N6SJF to adjourn the meeting at 8:31pm. Meeting adjourned.

Present at the Meeting

Officers: President: Steve-KN6ORM, Vice-President: Paul-AI6BB, Treasurer: Jon-N6SJF, Secretary: Tom-KJ6OGL (via Zoom)

Members: Jillian-KN6PIV, Barat-W2OKB (New Member), Ralph-KC6YDH, Dav-K6NIA, Ted-W6SY, Gary-Ki6HIG, Dennis-KN6QER, Dave-KF6TWW, Frank-N6FG, Barbara-K6IIP, Georgia-KE6KRT (via Zoom)

Visitors: Julie Lancelle, Jon's wife, who is considering getting licensed.

Submitted by: Tom-KJ6OGL, Secretary

NEWS



NASA Names Three Hams for Artemis II Moon Mission Crew

NASA and the Canadian Space Agency (CSA) announced the four astronauts who will venture around the moon on

Artemis II. This will be the first crewed mission on NASA's path to establishing long-term moon science and exploration development. The agencies revealed the crew members on Monday, April 3, 2023, during an event at Ellington Field near NASA's Johnson Space Center in Houston, Texas. Three of the four crew members are amateur radio operators.

"The Artemis II crew represents thousands of people working tirelessly to bring us to the stars. This is their crew, this is our crew, this is humanity's crew," said NASA Administrator Bill Nelson. "NASA astronauts Reid Wiseman, Victor Glover, and Christina Hammock Koch, and CSA astronaut Jeremy Hansen, each has their own story, but together, they represent our creed: E pluribus unum - out of many, one. Together, we are ushering in a new era of exploration for a new generation of star sailors and dreamers - the Artemis Generation."

The crew will work as a team to execute an ambitious set of demonstrations during the flight test.

Their assignments are as follows: Commander Reid Wiseman, KF5LKT, Pilot Victor Glover, KI5BKC, Mission Specialist 1 Christina Hammock Koch, and Mission Specialist 2 Jeremy Hansen, KF5LKU. Koch had planned to study and take her amateur license exam in 2019, but her flight was suddenly rescheduled 6 months earlier than originally planned. She had to immediately begin preparing for her flight instead of studying.

The Artemis II mission is scheduled to launch in November 2024. The approximately 10-day flight test will launch on the agency's powerful Space Launch

System rocket, prove the Orion spacecraft's life-support systems, and validate the capabilities and techniques needed for humans to live and work in deep space. For more information, visit the [NASA](https://www.nasa.gov) website.

A Brief History of Amateur Radio EmComm Organization

In the early days, amateur radio and hams were considered irritations and nuisances to the "real" communicators -- the commercial sector and the military. We were almost outlawed, and ultimately relegated to the "useless" frequencies of "200 meters and down." That was until it was demonstrated that we could actually be of use as a service. In 1913, college students/hams in Michigan and Ohio passed disaster messages when other means of communications were down in the aftermath of severe storms and flooding in that part of the country. A Department of Commerce bulletin followed, proposing a dedicated communications network of radio amateurs to serve during disasters. Five special licenses were reportedly issued. A magazine article noted that amateurs were now considered to be essential auxiliary assets of *national* public welfare.

ARRL was formed in 1914, and disaster response communications as provided by radio amateurs became organized and useful. In 1920, amateur radio was used to help recover a stolen car, of all things! Soon, the use of amateur radio for natural disasters that we traditionally think of now emerged with hams active in responding to deadly flooding in New Mexico and an ice storm in Minnesota.

More organization followed, with a memorandum of understanding emerging with the American railroad system for amateur radio support when the railroad's wire lines were down: There was an ARRL Railroad Emergency Service Committee. There was even a Q-signal designated: QRR, a kind of land SOS. More reports of disaster response communications provided by amateurs appeared in QST, much as they do there and here in this newsletter today. A major New England flood had amateurs supplying the only efficient means of communications from the devastated areas to the outside world, prompting the chairman of the Federal Radio Commission to say the future of radio depended on the amateurs.

Hams worked with the Burgess Battery Company for emergency radio power. Many of us old-timers, including myself, used those batteries when we were kids for our electrical experiments and kits. They looked like tall, thick candle columns! We learned our electrical principles from them. More organization followed, and traffic handling was recommended as the best way to gain

discipline and proficiency to prepare for the efficiency and effectiveness needed in response communications situations.

ARRL Field Day was started to prepare amateurs for portable operation, as was necessary in disaster situations when commercial power and means of communications were down. In 1935, the ARRL Emergency Corps was formed with the goal of having an Amateur Radio Emergency Station in every community -- a goal that remains just as urgent today as it did then! To wit, just look at today's emphasis on the neighborhood and community as "first responder" and on self-reliance in the post-disaster survival chain. More "served agencies" emerged as potential partners, including the Red Cross. In 1936, major flooding across a 14-state region served as the ARRL Emergency Corps' first major testing, serving well, and solidifying amateur radio's status as a critical disaster response communications asset and public service. Communications operating protocols and the appointment of Emergency Coordinators followed.

Technical advances supported this evolution. Spark-gap transmitters gave way to the vacuum tube, making portable operations more viable. Articles on portable transmitters and receivers appeared in QST. Exploration and experimentation in the VHF region also spurred more development of portable equipment. The development of the variable frequency oscillator, or VFO -- something that modern generations of hams take for granted -- was at the time a liberating breakthrough offering more versatility and flexibility, and of course more efficiency in meeting the demands of a disaster response communications situation.

World War II meant a shutdown of amateur radio, but many hams joined the War Emergency Radio Service, which did provide some communications during the war period for natural disasters. After the war, ARRL reconstituted its disaster response communications programs and networks, and the first Simulated Emergency Test was run in 1946. The Cold War followed, and the government formed the Radio Amateur Civil Emergency Service (RACES) for civil defense (CD) purposes. It served as the forerunner of the modern emergency management model that we know so well today.

Throughout the 1960s and later up to today, the role, procedures, protocols, equipment, and techniques of amateur radio in public service, disaster, and emergency communications continue to evolve, ebb and flow. This evolution is fueled by advances in Amateur Radio technology and its application, lessons learned from each and every incident that involves amateur communications

support.- *Rick Palm, KICE, based on an excellent article titled "QRR: The Beginnings of Amateur Radio Emergency Communications" by Gil McElroy, VE3PKD, that appeared in the September 2007 issue of QST.*

For enhancing your reception and transmitted signal, forego higher power in favor of a better antenna instead. Consider purchasing a telescoping 5/8 wave whip antenna that replaces the rubber-coated shorty antenna that your radio came bundled with, which will give you higher gain, and hence, wider coverage for your signals and better "copy" on weak or distant stations. (Don't toss out the flexible rubber antenna, however: it's useful for close-in communications). - *Originally written by KICE for The ARRL Operating Manual.*

Time to Get Ready for Field Day - ARRL Field Day is just over two months away, but like spring cleaning, it pays to start getting ready now. 2023 Field Day will be held June 24 - 25. It is ham radio's open house. Every June, hams throughout North America set up temporary transmitting stations in public places to demonstrate ham radio's science, skill and service to communities and the nation. It combines public service, emergency preparedness, community outreach, and technical skills all in a single event. Some participants may also choose to operate from home, using the exercise to develop and practice their personal radio communications capability.

Field Day has been an annual event since 1933 and remains the most popular event in ham radio. In 2022, 4,929 entries were submitted (including check logs), and there was a total of 29,679 reported participants.

Field Day is open to all amateurs in the areas covered by the ARRL/RAC Field Organizations and countries within IARU Region 2. DX stations residing in other regions may be contacted for credit and may submit entries as check logs.

The main focus of Field Day is to work as many stations as possible on the 160-, 80-, 40-, 20-, 15-, and 10-meter HF bands, all bands on 50 MHz and above, and to learn to operate in abnormal situations in less-than-optimal conditions. A premium is placed on developing skills to meet the challenges of emergency preparedness and acquaint the general public with the capabilities of amateur radio.

For Field Day 2023, several rules changes have been made. It's a good idea to make sure that your logging software has been updated to the most current version to incorporate these rule changes including the updated Canadian sections list. There are many facets to operating

on Field Day and knowing the rules and keeping good logs are paramount to successful contacts.

Many local amateur radio clubs participate in ARRL Field Day. To start preparing for Field Day, check out arrl.org/field-day for the official rules and all the information you'll need. To find a participating radio club in your area, use the Field Day Locator on the page.



The K7RA Solar Update
4/20/2023

Average daily sunspot numbers were more than doubled, from 70.6 to 146.9, and average daily solar flux increased from 141 to 164.5. Both figures represent a substantial increase in solar activity.

Planetary A index averages went from 7.6 to 8.1, while middle latitude A index advanced from 6.4 to 7.3.

Predicted solar flux over the next few weeks is 145, 140, and 135 on April 20 - 22; 130 on April 23 - 24; 125 on April 25 - 26; 160 on April 27 - 29; 165 on April 30; 172 on May 1 - 3; 170 on May 4; 172 on May 5 - 7; 178 on May 8; 182 on May 9 - 12, then 175, 178, and 170 on May 13 - 15; 168 on May 16 - 17; 175 on May 18, and 172 on May 19 - 21.

Predicted planetary A index is 20, 16, 12, and 10 on April 20 - 23, then 8, 5, 15, and 18 on April 24 - 27; 15 on April 28 - 30, then 12 and 10 on May 1 - 2; 8 on May 3 - 4; 5 on May 5 - 6; 12 on May 7; 5 on May 8 - 10, then 8 on May 11 - 12; 5 on May 13 - 18, then 10, 8, 5, and 5 on May 19 - 22.

Dan Handa, W7WA, commented on the news item last week about the current solar cycle reaching a peak earlier than predicted, perhaps by the end of this year.

I told him I hope it will not peak early because I want to see several more years of increasing activity.

Dan sent a detailed graph of Solar Cycle 19, from 1954 to 1966, and wrote, "I have read more than once [that] a slow rise means a low sunspot max. The previous [Solar] Cycle 24 took 5 years to reach a relatively low maximum. A rapid increase can mean a high sunspot maximum. The granddaddy of our lifetime, [Solar] Cycle 19, peaked in three years!" I was unaware of this.

Sunspot numbers for April 13 - 19, 2023, were 154, 153, 151, 155, 162, 140, and 113, with a mean of 146.9. 10.7-

centimeter flux was 159.5, 171.3, 175.8, 177.8, 166.6, 153.2, and 147, with a mean of 164.5. Estimated planetary A indices were 6, 7, 9, 4, 6, 13, and 12, with a mean of 8.1. Middle latitude A index was 5, 10, 8, 4, 6, 9, and 9, with a mean of 7.3.

In Brief....

The **Silicon Valley VE** group is holding online amateur radio exam sessions on the first and third Saturday morning of every month. More information can be found at <https://www.svve.org>, or by emailing Morris Jones, AD6ZH at ad6zh.mj@gmail.com.



June 24 – 25
1800 UTC Saturday through 2059 UTC Sunday

Work the 160-, 80-, 40-, 20-, 15-, and 10-meter HF bands, all bands on 50 MHz and above, and to learn to operate in abnormal situations in less-than-optimal conditions - developing skills to meet the challenges of emergency preparedness and acquaint the general public with the capabilities of amateur radio.



MAY PUZZLER

PAUL ATKINS, AI6BB

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L J L O A I R C O R E R E L I A B L E V
A A E V D F Y J O W S W R B R I D G E E
M C G O I L A H A D A P T E R S T I U R
I K A I P L L V I T R O T I N O M N O T
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A M L E L G R R N P R O C E S S I N G C
T N O S E R F O C R S X N O I G E R E A
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E M I Y W Y I I C L T I T O T L B I T R
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R E R W A V E A R F D H R H P O E D Q A
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M F V C O N T R O L P H E T G V X H N T
R A S S A L C E P Y T E L E T O I D A R

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WORDLIST

accredited	error	processing
adapters	flattopping	radioteletype
afsk	hop	ratio
aircore	inductor	relay
anode	jack	reliable
battery	lamination	rffeedback
centi	light	services
classa	line	snr
conductor	local	swrbridge
control	lower	thirdparty
datamodes	modulate	toroidal
defined	monitor	vertical
dipole	ohm	voice
director	olenwire	voltage
district	operated	waterfall
eregion	path	wave

ANSWER TO APRIL'S PUZZLER

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U F E E D B A C K C O N T I N U O U S G
P S X C M D M S A N N A R R A Y P P E X
P L R O I S Y O A K R O V H C K E Q T U
E E E N C I A O U I X S I D Y A L Z A B
R L V D R G M M P N B O H T K I O N L U
S L I U O N M Q O E T F S R C G H H U F
I A E C W A A M N L N T M S E E L Z O F
D R C T A L G O C I R W T D D T L B O E
E A N O V S Z S M F D A D U D S I F M R
B P A R E P S E S U C R W O T I I M E Y
A N R B I A G A M K N E D A N N R C I D
N R T K L A F M I J A C R O A D A E R L
D V S C T E Y N S V O T I C L I D C O R
T C J L T A G I G A B P V A P C I N T G
R X O Y T R O H S I C U E B D A A A A N
E V E S I S E H T N Y S N L N T T N T I
T T R A N S M I S S I O N E A O I O O P
L E T A L U D O M E D J R A B R O S R O
I L A T N E M A D N U F A U X J N E O D
F W C X S O L A R Z A N N E T N A R U C

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COMING EVENTS

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

<https://pacificacacert.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.).

Arv's - WA6UUT (SK) Wednesday Ham Radio Luncheon

Our 16th Year! > Since May 2, 2007 <

Black Bear Diner - 415 East El Camino Real, Sunnyvale, California, (Just "North" of South Fair Oaks Avenue on El Camino Real) - 11:30 AM ~ 3:00 PM

Website: www.blackbeardiner.com. Every Wednesday – Not a Club, Closed Group or Clique: Amateur Radio Operators & Friendly People Are Encouraged To Attend! Call in on the N6NFI Repeater – 145.230MHz, PL 100Hz

Date	Event
Jan 11 th	Firehouse Meeting - 2023 Agenda Planning
Feb 8 th	Firehouse Meeting - 2023 Agenda Final
Mar 8 th	Firehouse Meeting
Mar 12 th	Daylight Savings Time Starts
Apr 12 th	Pizza Meeting – Round Table Pizza
May 10 th	Firehouse Meeting - Field Day Planning
Jun 14 th	Firehouse Meeting - Final Field Day Planning – Flag Day
Jun 24 th -25 th	Field Day – Oceana HS, Pacifica
Jul 12 th	Firehouse Meeting
Aug 9 th	Firehouse Meeting
Sep 13 th	Firehouse Meeting – Fog Fest Planning
Sep 23 rd -24 th	Pacific Coast Fog Fest - Pacifica
Oct 11 th	Firehouse Meeting – 2024 Nomination of Officers
Nov 5 th	Daylight Savings Time Ends
Nov 11 th	Dinner Meeting & Election of Officers
Dec 13 th	Firehouse Meeting - Holiday Potluck

All meetings are held at 7:30pm, at Pacifica Fire Station #72 (Linda Mar), 1100 Linda Mar Boulevard, Pacifica, CA 94044, unless otherwise stated. If feasible, meetings will continue to have a Zoom component.

COASTSIDE AMATEUR RADIO CLUB

The Coastside 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 Nets

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 Coastside 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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www.smcready.org
cert@pacificapolice.org



64 years



of Service

54 years



Affiliation

COASTSIDE NETS

Monday

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

Tuesday

7:30 PM on WA6TOW
146.925 MHz, PL 114.8
Daly City 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

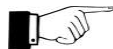
Sunday:

7:00-7:45 AM on WA6TOW
146.925 MHz, PL 114.8
Knights of the Megahertz Net

Note: All 2m repeater traffic is recorded and
may be replayed at audiostickerburr.net.

CLUB OFFICERS				
Office	Name	Call	Phone	E-Mail Address
President	Steve Austin	KN6ORM	(415) 420-1199	kn6orm@gmail.com
Vice President	Paul Atkins	AI6BB	(415) 810-9152	aitbb@arrl.net
Secretary	Tom Oliver	KJ6OGL	(650) 488-0704	toliver0557@gmail.com
Treasurer	Jon Lancelle	N6SJF	(650) 270-5823	n6sjf@knosys.com
CLUB STAFF				
Control Officer	Steve Austin	KN6ORM	(415) 420-1199	kn6orm@gmail.com
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Trustee of Club Call	Steve Austin	KN6ORM	(415) 420-1199	kn6orm@gmail.com
Website	Paul Atkins	AI6BB	(415) 810-9152	ai6bb@arrl.net

**MEETING
NOTICE:**



**MAY 10, 2023 7:30 PM (FIREHOUSE & ZOOM)
WATCH FOR INVITATION VIA E-MAIL OR CONTACT
CARC_INFO@COASTSIDEARC.ORG TO BE ADDED**

COASTSIDE COMMUNICATOR

EDITOR

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PACIFICA, CA 94044

FIRST CLASS

TO: