



THE COASTSIDE COMMUNICATOR

VOL. 54

No. 12 DECEMBER, 2022

WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

This December marks the first year in our return to normalcy after the pandemic and it was great to see the Club start returning to regular operations after the hiatus. Field Day was different this year as our previous Sweeney Ridge location had additional restrictions placed on it that would have made it impractical. Fortunately, we found a great location at Oceana High School. It didn't seem as if the lower elevation had a big impact on transmission. Fog Fest also started up again and we had a great time working on radio support of that event and giving back to our community.

The November meeting was our election of officers. President, Vice President and Secretary remain the same, but Frank N6FG wanted to step aside as a club officer after his considerable contributions over the years. Although we didn't have a nomination for Treasurer in our October meeting Jon N6SJF volunteered as Treasurer at the November elections dinner and was unanimously voted in. Jon has been a great help in organizing our events this year and it will be great working with him on the board. Our upcoming slate of Club officers going into 2023 will be:

President: Steve Austin - KN6ORM
Vice Pres: Paul Atkins - AI6BB
Secretary: Tom Oliver - KJ6OGL
Treasurer: Jon Lancelle - N6SJF

Our next event is our Holiday Potluck Dinner at the Firehouse on December 14th. Bring your favorite dish along to share and we can talk about our plans for next year.

*73, Steve KN6ORM
Club President*

CARC NOVEMBER 5, 2022 MEETING MINUTES

Call to Order

The November 05, 2022, Dinner/Election meeting was called to order at 8:01pm by President Steve Austin-KN6ORM, at Nick's Rockaway Restaurant in Pacifica.

Self-introductions

Introductions by members in attendance. Sign-in sheet provided for members and guests.

Minutes

The President asked that we table the minutes of the October meeting to the December meeting, and proceed to New Business: Elections. Approved by unanimous vote of the membership present.

TREASURER'S REPORT

Finances: Tabled to the December meeting.
Membership – No Report
Bills needing approval – No Report
Correspondence – No Report

COMMITTEE REPORTS

Current Repeater

1. Status of current WA6TOW repeater: No report
2. APRS – Working
3. Emergency Services – No Report

Replacement Repeater

Update on Replacement Repeater: The President-Steve-KN6ORM is planning a trip to the repeater site for some long needed maintenance. We have been noticing some issues with the repeater during the nets, although this seems to come and go.

NEWSLETTER – November Newsletter Published.

WEBSITE – Working. November Newsletter uploaded to website.

UNFINISHED BUSINESS

A. **From the October Meeting:** Nomination of Officers for 2023: **President:** Steve -KN6ORM. **Vice President:** Paul-AI6BB. **Treasurer:** No nomination for Treasurer. Frank-N6FG is stepping aside after his many years of contributing to the Club in various roles. Possible Nomination/Election at Election Dinner. **Secretary:** Tom-KJ6OGL. Uncontested election – No ballots required.

NEW BUSINESS

A. **Elections:** Motion to Open Elections. Motion by: Jon-N6SJf and 2nd by: Ron-WB9EGG to Open Elections. Accepted by majority show of hands. **President:** Motion to accept Steve Austin-KN6ORM as President? Accepted by majority show of hands.

Vice-President: Motion to accept Paul Atkins-AI6BB as Vice-President? Accepted by majority show of hands.

Secretary: Motion to accept Tom Oliver-KJ6OGL as Secretary? Accepted by majority show of hands. Motion & 2nd to Close Elections and Open Nominations. Motion by: Jon-N6SJF and 2nd by: Ron-WB9EGG to Close Elections. Accepted by majority show of hands. Elections Closed and Nominations Open for Treasurer.

Treasurer: There were no nominations for Treasurer, but Jon Lancelle-N6SJF volunteered for the position. Motion to Accept Jon-N6SJF as Treasurer? Motion Accepted by majority show of hands. Motion & 2nd to Close Elections? Motion by: Dave-KF6TWW and 2nd by: Barbara-K6IIP. Elections Closed.

New officers take office January 1st, 2023.

All remaining Club Business postponed to the December Meeting.

Adjournment

Accepted by a majority show of hands to adjourn the meeting at 8:05p.m. Meeting adjourned.

Present at the Meeting

Officers: President: Steve-KN6ORM, Vice-President: Absent, Treasurer: Frank-N6FG, Secretary: Tom-KJ6OGL

Members and Guests: Barbara Erbacher-K6IIP, Gary-KI6HIG, Walt-KG6EDY, Jon-N6SJF and Julie Lancelle, Dave-KF6TWW, Jacquie Lawrence and Debbie Webster (KF6TWW's daughter), Judie Oliver, Ralph-KC6YDH, Jillian-KN6PIV, Ron-WB9EGG, Dave-K6NIA and Lynn Conroy

Submitted by: Tom-KJ6OGL, Secretary

NEWS



11/07/2022

Ellen White, W1YL, Silent Key, Devoted Lifetime to Amateur Radio and ARRL

Ellen White, W1YL, of Brandon, Florida, passed away on Saturday, November 5, 2022. She was 95. White became a radio amateur in 1946 and devoted over 75 years of her life to ham radio, including more than 25 years on the headquarters staff for ARRL The National Association for Amateur Radio®. She retired in 1978 as Deputy Communications Manager and became the editor of the column "How's DX?" for ARRL's membership journal, *QST*. White was an ARRL Life Member and donor.

At its meeting in January 1978, the ARRL Board of Directors adopted a resolution recognizing White and her husband Robert (Bob) L. White, W1CW (SK), after having "completed a quarter-century of faithful service to the American Radio Relay League." The resolution cites that Ellen White had "built a reputation for thoroughness and objectivity on a mountain of contest logs," and celebrated her "intelligent and creative work as Deputy Communications Manager."

White was admired by the worldwide amateur radio community. In 2019, she was the sole US radio amateur to be awarded the Russian E.T. Krenkel Medal, a prestigious award granted to individuals and organizations for outstanding global

contributions to amateur radio.

Director of ARRL's Publications and Editorial Department Becky Schoenfeld, W1BXY, reflected on the news of White's passing. "Ellen was a trailblazing woman in amateur radio. She and I corresponded over the years [before] finally meeting up at Orlando HamCation® in 2020. Ellen often marveled at how much farther women had come in the ham radio hobby, service, and community since she got her start. Every time I talked to her, I thanked her for paving the way," said Schoenfeld.

Remembrances for White began arriving at ARRL Headquarters early Monday morning.

First Class CW Operators' Club (FOC) Membership Secretary Tyler Barnett, N4TY, sent a message to all club members. "Ellen joined FOC in May 1966, and was active in retirement from her Florida contest station, and most recently remote via the W7RN Comstock Memorial station. ... This is a very sad day. She will be missed on the air, and at the Florida dinners." Barnett said White was FOC member #875.

White was also referred to as the "founding grandmother" of the Florida Contest Group (FCG). President Chris Plumlee, W4WF, added, "It is fitting, in a few ways, that Ellen passed away during SS [ARRL Sweepstakes] CW, a contest that she administered for years while she worked at the ARRL."

White had already learned Morse code in high school, and only rarely operated any other mode. "Ellen loved CW, contesting, and DXing," said Rosalie White, K1STO (no relation), former ARRL Field & Educational Services Manager, who was hired by Ellen White to work for ARRL in 1973. "Ellen and I got a lot of hams asking, 'Are you Ellen's daughter?' or 'Are you Rosalie's mother?'" said Rosalie White. "We always replied, 'No, but that would've been cool.'" Rosalie White is now an ARISS-International US Delegate representing ARRL.

Rosalie White recounted that in the 1940s, Ellen and Bob White earned First Class Radiotelephone and Second Class Radiotelegraph commercial licenses. "She [Ellen White], being a maverick, also took the Class B FCC Amateur Radio test to become W2RBU, and promptly joined ARRL. Radio broadcast station KPOA based in Oahu, Hawaii, hired her (then KH6QI) as station engineer in the day when it was unheard of for a woman. She

and Bob then headed to San Diego, California, where she took another radio broadcast engineer job, and also ran for and became ARRL San Diego Section Communications Manager (now called Section Manager). This was prior to their applying for jobs (at ARRL) in Newington in 1947."

The article "A Conversation with Ellen White, W1YL," by Rosalie White appeared in the May/June 2015 issue of *NCJ*, published by ARRL.

Eric Guth, 4Z1UG, of the QSO Today Amateur Radio Podcast, introduced Ellen White as the "Grande Dame" of amateur radio in an interview recorded on April 27, 2016 (read the transcript).

Ellen White was preceded in death by her husband Bob in 2003, and her son Jim White, K4OJ (SK), in 2004.



11/10/202

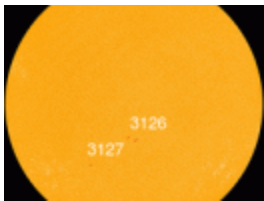
Reaching Youth Through Amateur Radio in the Classroom

ARRL Education and Learning Manager Steve Goodgame, K5ATA, attended the Georgia Educational Technology Conference, held November 2 - 4, 2022. The conference was the first part in a series of planned ARRL exhibits to meet with teachers and promote amateur radio in the classroom. Assisted by ARRL Teachers Institute Instructor Wayne Greene, KB4DSF, along with volunteers Cyndi Goodgame, K5CYN, and Betsey Greene, they spoke to hundreds of teachers, school administrators, and technology directors about the ARRL Teachers Institute on Wireless Technology.

ARRL's participation at this conference, as well as future events, is meant to inform and network with educators looking to incorporate amateur radio into their curriculum. "The level of interest among teachers was incredible!" said Goodgame. "Our booth enjoyed heavy traffic for the duration of the conference, much of the time with all four of us engaged in discussions with multiple people simultaneously. Except for a couple of teachers we met who were already hams, few teachers had heard of amateur radio before this conference. These teachers were absolutely amazed at the possibilities that exist when including amateur radio and related educational experiences in their schools."

"Teachers were especially excited at the connections between amateur radio and space. We shared information about the ARISS program -- Amateur Radio on the International Space Station -- as well as communicating via amateur satellites. Enough teachers were interested in learning more about the relationship between amateur radio and satellites communications that we put together an impromptu live demonstration using two handhelds and an Arrow antenna we had for display in the booth. We gathered a crowd of teachers, along with a few students who were presenting their Student Showcase projects and headed outside. We enjoyed a good satellite pass and made contacts through AO-27. One of the students even got on the air!"

"Overall, it was a great conference and a great opportunity for ARRL to network with educators and work with them to help get more youth engaged in amateur radio."



The K7RA Solar Update ~ 11/18/2022

At 0334 UTC on November 18, the Australian Space Weather Forecast Centre

issued this geomagnetic disturbance warning: "A moderately large coronal hole will rotate into a geoeffective location by 19-Nov. Combined with possible weak glancing interaction of recent CMEs, geomagnetic activity is expected in the coming days.

"INCREASED GEOMAGNETIC ACTIVITY EXPECTED DUE TO CORONAL HOLE HIGH SPEED WIND STREAM FROM 19-20 NOVEMBER 2022."

Sunspot numbers and solar flux did not seem to correlate this week. Flux rose, while spots fell. Average daily sunspot number declined from 79.8 to 72.3, but average solar flux rose from 129.9 to 137.2. This suggests the number and area of sunspots was less, but the 10.7 cm radiation from those spots increased. A new sunspot emerged on November 10, another on November 13, and two more on November 16, the last day of our reporting week, which runs Thursday through the following Wednesday. Another sunspot group emerged the next day on November 17. How is this sunspot cycle progressing? One year ago, in our bulletin

average daily sunspot number was only 36.4, solar flux was 89.1, so if the latest activity seems a bit lackluster, we can see the cycle making steady progress. Solar Cycle 25 is expected to peak around July 2025, about 32 months from now.

So why do we care about these numbers? We get better HF propagation at higher frequencies when x-rays from the Sun are more intense, and they correlate with sunspot numbers and the 10.7 cm radiation. This radiation charges the ionosphere, increasing density. Back in 1957-59 at the peak of Solar Cycle 19 the radiation was so intense that (I've been told) 10 meters was open worldwide, around the clock. Solar Cycle 19 had by far the highest sunspot count in recorded history, with nothing like it before or since. Here is the prediction for solar flux, from Thursday which has lower short term numbers than the Wednesday forecast presented in the ARRL Letter.

Expect 118 on November 18-21, 120, 122 and 122 November 22-24, 115 on November 25-26, then 120 and 125 on November 27-28, 130 on November 29-30, 135 on December 1-12, 120 and 110 on December 13-14, then 105 on December 15-18, 110 on December 19, and 115 on December 20-23, then back to 135 before the New Year.

Predicted planetary A index, which gives us a clue to possible geomagnetic unrest, is 10, 18, 28, 12 and 8 on November 18-22, 5 on November 23-24, then 15, 18, 12 and 8 on November 25-28, 5 on November 29-30, then 12, 18 and 8 on December 1-3, 5 on December 4-7, 8 on December 8-9, 5 on December 10-11, 10 on December 12-13, 5 on December 14-16, 15 on December 17, then 18 on December 18-19, and 5, 8, 15, 18, 12 and 8 on December 20-25.

Coming up is the annual ARRL 10 Meter Contest, over the weekend of December 10-11. Expect better propagation than we saw in 2020 and 2021.

Although predicted solar flux is not particularly high, the prediction above shows the highest solar flux (135) over that weekend, and planetary A index at a low value of 5, indicating predicted geomagnetic stability. But of course, things may change. The comment above about Solar Cycle 19 in the ARRL Letter brought this response, from a ham who was there, and just in time for Friday's bulletin. Roger, K6LMN in Los Angeles, California wrote: "10 meters SSB and the beacons most days are very good. South America comes as if over a

coax cable terminating here in Los Angeles. But I need 6 more countries worked/confirmed on 10M SSB to make 150.

"Also please wake up the 'magic band' 6m because I need a few more grids on 6M SSB to make 425 confirmed.

"Solar Cycle 24 was OK on 6M and I'm hoping 6M goes wide open this Solar Cycle 25, after all I am 84 years old and probably this is my last solar cycle.

"I need more Euro stations and am sorely lacking on the Middle East and parts of Africa. I cannot compete with you East Coasters. Namibia was coming in the other day, but the Midwest and east coasters fought it out. No luck so I gave up. Ah, but I get even with you easterners since the Pacific area is a piece of cake here in Los Angeles.

"About Solar Cycle 19. I was a teenager when licensed in 1955 as a Novice. I heard stations from all over the world on HF and 6M. I hurried up and got my Tech license and then my General a few years later.

"HF and 6M stations were coming in 24/7 from all over the world. I only had 90 watts and a dipole, all on AM, but WOW the stuff I worked and heard was just incredible. Mostly peaking around 1956-1957!"

OK1HH writes: "Over the past two weeks, several active regions crossed the solar disk, the most significant was the trio of AR3140, AR3141 and AR3145, which crossed the central meridian on November 10-11.

"Most attention was drawn to the magnetically complex and almost daily flare-producing AR3141, which allowed a smaller version of itself to grow in its northwestern part. The result (see <https://bit.ly/3Askfyi>) reminded fans of 'Hitchhiker's Guide to the Galaxy President Zaphod Beeblebrox.'

"The solar flux has not dropped below 130 sfu since November 5, while the Earth's magnetic field has been quiet since November 9. The result has been a relatively long period of above-average shortwave propagation conditions.

"Beginning November 17, we expected an increase in geomagnetic activity as a consequence of, among other things, the CME of November 14. However, there will likely be a delay of a day or two from the original forecast. Therefore, if the disturbance begins on November 18 or 19, preferably during the daylight hours, there may be further improvement in conditions, and deterioration in the next phase of

the disturbance."

ARRL SSB Sweepstakes is this weekend. Even if you are not a serious contest operator, it is easy and fun to give out fresh contacts to stations on the air, especially toward the end of the event when participants are eager for new, fresh stations.

A new report from Dr. Tamitha Skov, WX6SWW: <https://youtu.be/xLkS3-xp5jM>

Here is a video that makes it appear there is a Sun serpent: <https://bit.ly/3hVOLKR>

Thanks to reader David Moore for the following online stories on solar activity: <https://bit.ly/3V6jinh> <https://bit.ly/3V0isIY>

Send your tips, reports, observations, questions, and comments to k7ra@arrl.net.

For more information concerning shortwave radio propagation, see <http://www.arrl.org/propagation>

and the ARRL Technical Information Service at <http://arrl.org/propagation-of-rf-signals> .

For an explanation of numbers used in this bulletin, see <http://arrl.org/the-sun-the-earth-the-ionosphere> .

An archive of past propagation bulletins is at <http://arrl.org/w1aw-bulletins-archive-propagation> .

More good information and tutorials on propagation are at <http://k9la.us/> .

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From
The Coastside Amateur Radio Club

DECEMBER PUZZLER

PAUL ATKINS, AI6BB

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

agreement	hop	reliable
bias	inductor	resonance
bridge	jfet	resonant
carrier	matcher	sma
coaxial	meter	solar
constant	nvis	square
discharge	oscillate	switch
disturbance	paddle	to
driver	parallel	transconductance
effective	permissible	traveling
examiner	plates	uhfconnector
exposure	processor	uncontrolled
flipflop	rectification	vom
frequency	reflected	wavelength
	reflector	

ANSWER TO NOVEMBER'S PUZZLER

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

The CARC December 14th Meeting at the Linda Mar Fire Station is our annual



Date	Event
Jan 12th	Zoom Meeting - 2022 Agenda Planning
Feb 9th	Zoom Meeting - 2022 Agenda Final
Mar 9th	Zoom Meeting
Mar 13th	Daylight Savings Time Starts
Apr 13th	Firehouse Meeting
May 11th	Firehouse Meeting - Field Day Planning
Jun 8th	Firehouse Meeting - Final Field Day Planning
Jun 25th-26th	Field Day - Oceana HS North Parking Lot
Jul 13th	Pizza Meeting, Round Table at Linda Mar Shopping Center
Aug 10th	Firehouse Meeting
Sep 14th	Firehouse Meeting – Fog Fest Planning
Sep 24th-26th	Pacific Coast Fog Fest
Oct 12th	Meeting - LMFS – Nomination of Officers for 2023
Nov 5th	Dinner Meeting & Election of Officers - Nick's at Rockaway
Nov 6th	Daylight Savings Time Ends
Dec 14th	Firehouse Meeting - Holiday Potluck

* All meetings were held via Zoom until COVID-19 restrictions were lifted by the state and county for in-person gatherings in public places. As of March 9th, it was determined that meetings were approved at the Pacifica Firehouse on Linda Mar Boulevard. 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



63 years



of Service

53 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 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				
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President	Steve Austin	KN6ORM	(415) 420-1199	kn6orm@gmail.com
Vice President	Paul Atkins	AI6BB	(415) 810-9152	ai6bb@arrl.net
Secretary	Tom Oliver	KJ6OGL	(640) 488-0704	toliver0577@gmail.com
Treasurer/ co-Treasurer	Frank Erbacher Paul Atkins	N6FG AI6BB	(650) 355-4355 (415) 810-9152	n6fg@arrl.net ai6bb@arrl.net
CLUB STAFF				
Control Operator	David Rinck	K6DMR	(650) 355-1778	k6dmr@arrl.net
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Website	Paul Atkins R. Scott Sutor	AI6BB KM6SCD	(415) 810-9152	ai6bb@arrl.net

**MEETING
NOTICE:**



DECEMBER 14, 2022 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: