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# THE COASTSIDE COMMUNICATOR

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VOL. 54

NO. 2 FEBRUARY 2022

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[WWW.COASTSIDEARC.ORG](http://WWW.COASTSIDEARC.ORG)

## PRESIDENT'S COLUMN

Happy February!

We spent the first month of the year planning out activities for the year. We had a great meeting on January 12th - the highlight for me was Casey-N6TZE giving us a slideshow of the repeater equipment on Montara Mountain and a rundown on its operation. Fascinating stuff. In the process, we discussed the replacement repeater. The next step in getting it installed is finding a place to test and configure it before hauling it up the hill. If you can help us find a good location, please let us know.

We also talked about the ARRL. In the US, this great organization represents the operation of amateur radio licensees, provides an encyclopedia of technical and operational information and provides clubs like ours with benefits. The ARRL also defends the rights of amateur radio in the US. Unfortunately, a recent fight to preserve part of the 9-centimeter for ham operations failed as the 3.45-3.5 GHz segment was auctioned off by the FCC. This affects the AREDN mesh project (<https://www.arednmesh.org/>) which is used in the San Francisco Wireless Emergency Mesh. We have to cease operation in this band by April 14. Let's hope that this erosion does not proceed further.

If you are not a member of the ARRL, I would encourage you to join and, if you do, let us know, so we can report back to the ARRL.

73,  
Steve, KN6ORM  
Club President

## CARC JANUARY 12, 2022 MEETING MINUTES

### Call to Order

The January 12, 2022 meeting was called to order at 7:32pm by: President Steve Austin-KN6ORM, on Zoom Video Conference hosted by Jon Lancelle-N6SJF.

### Self-introductions

Introductions by members in attendance.

### Minutes

Motion made by Jon-K6SJF and seconded by Ralph-KC6YDH to approve the December minutes as posted in *The Coastside Communicator*. Motion was passed by unanimous vote of the membership present.

## TREASURER'S REPORT

### Funds

The Treasurer, Frank Erbacher-N6FG reported. Financial report:

General Fund	\$4,473
Repeater Fund	\$1,660
APRS/Digipeater	\$1,455
EOC/Public Service	\$13,530
Grand Total	\$21,118

There was a question about the Club being a member of ARRL and qualifying for insurance coverage. (From later in the meeting – Ralph-KC6YDH found info from ARRL's website: "To be affiliated with the ARRL, at least 51% of the Club's voting members must also be members of the ARRL.")

Paul made a motion that the authorized signers for on the Club's Bank Accounts shall be modified to coincide with the election results. The authorized signers of the Associations bank accounts shall be Frank and himself. No other signers shall be authorized. Voted and passed by membership in attendance.

Casey paid NARCC

Membership

2022 Membership dues are now due.

Bills needing approval

None,

\$176 paid for P.O. Box.

\$156 paid for Dreamhost (website).

Correspondence

None

## COMMITTEE REPORTS

Current Repeater

1. Current status of WA6TOW repeater: Steve asked if there were plans to make a trip up the hill. Nothing currently planned. Casey restarted the repeater logs today.

2. APRS – No report

3. Emergency Services – Steve-KN6ORM asked where the funds in the treasury come from and what are they used for.

Replacement Repeater

1. Update on Replacement Repeater: Need to really work on getting the repeater out of storage and to a location near the top of the hill to be assembled and tested prior to replacing the current repeater. So far there are no offers for garage space. Steve will contact Dave-KF6TWW for further information and the possibility of moving it.

NEWSLETTER - Published

WEBSITE – No issues reported. Communicator and 2022 Membership application uploaded.

## UNFINISHED BUSINESS

- A. Talked about using Slack for communications between meetings. Steve will send an email to members inviting them to join Slack.

## NEW BUSINESS

- A. Club activities: Frank-N6FG talked about Field Day and that he won't be attending this year. There was additional talk on a location other than Sweeney Ridge. Dave-K6NIA stated "...we do this to have fun. We're not a 13a stations playing to win We might ask ourselves how little equipment we can bring in and have just as much fun?" Everyone agreed. Will also need to coordinate with the Golden Gate National Recreation Area (GGNRA) for any location on any of the ridges. We need to assign a point person for Field Day. Jon-K6SJF said he could further investigate the area for easy access to a site and an area that we can put up the 20m antenna and pound stakes in the ground.
- B. CARC Wednesday Net Roster: Walt-KG6EDY said if someone was interested, he'd let them take it. Steve-KN6ORM stated he was interested in being a Net Control Operator on a temporary basis. Steve and Walt will work out doing half & half for the 1<sup>st</sup> Wednesday's. I will send an email to both Steve and Walt with the dates.
- C. Discussion on the Nets that are on the repeater schedule on Saturday's.
- D. Steve is wondering if there is a location outside that we can meet in-person other than Round Table Pizza. Email Steve if you have any information on a location or anything,

## Adjournment

Steve-KN6ORM adjourned the meeting at: ~8:40p.m. Meeting adjourned.

Casey-N6TZE gave a picture presentation of the current and new repeaters.

## Present at the Meeting

**Officers:** President: Steve Austin-KN6ORM, Vice-President: Paul Atkins-AI6BB, Secretary: Tom Oliver-KJ6OGL, Treasurer: Frank Erbacher-N6FG, Co-Treasurer: Paul Atkins-AI6BB

**Members:** Jillian-KN6PIV, Gary-KI6HIG, Walt-KG6EDY, Jenni-WS6JEN, Dave-K6NIA, Jon-

K6SJF, Ron-WB9EGG, Ralph-KC6YDH, Georgia-KE6KRT, Casey-N6TZE, Ted-W6SY, Dennis-KN6QER, Bill-N6BCT, Dave-K6DMR. My apologies if I missed anyone.

Submitted by: Tom Oliver-KJ6OGL, Secretary

### NEWS



#### AMATEUR OPERATION IN 3.45 – 3.5 GHz SEGMENT MUST CEASE BY APRIL 14, 2022

01/18/2022 ~ The FCC has established April 14, 2022,

as the date by which amateur radio transmissions must stop in the upper 3.45 – 3.5 GHz segment of the amateur secondary 9-centimeter band.

Secondary operations are permitted to continue indefinitely in the remainder of the band, 3.3 – 3.45 GHz, pending future FCC proceedings.

On January 14 the FCC **released** DA 22-39, which announces the results of Auction 110 for the 3.45 – 3.55 GHz band. Release of this notice triggered FCC rules adopted last year requiring that amateur radio operations between 3.45 GHz and 3.5 GHz cease within 90 days of the public notice.

In October 2021, ARRL President Rick Roderick, K5UR, urged Congress to direct the FCC to preserve Amateur Radio’s secondary use of the 3 GHz band in a written **statement** responding to H.R. 5378, the Spectrum Innovation Act of 2021, before the US House Commerce Communications and Technology Subcommittee.

A **chronology of actions** responding to amateur access on the 3.5 GHz band can be found on the ARRL website.



#### NEXT QSO TODAY VIRTUAL HAM EXPO SET FOR MID-MARCH

01-27/22 ~ What’s become a regular March event, the

next QSO Today Virtual Ham Expo will be held live from March 12 – 13, and then on demand for 30 days afterward. More than 60 speakers will deliver presentations on their subject areas.

“There’s content for everyone, whether a newly licensed ham looking for next steps...or [an experienced] ham looking for new projects,” QSO Today Virtual Ham Expo organizers promise.

Presentations will include “Core HF Communication Concepts: Fundamentals of Shortwave Propagation;” “Deep Dive of An FPGA DVB-S2 Implementation;” “Fun With The NanoVNA,” and “Helically Wound Vertical for 160 Meters.” The complete list of presentations is available from the Virtual Ham Expo home page.

Virtual visitors may watch as many presentations as they want and return any time within 30 days to view other speakers and presentations, as well as explore exhibitor offerings. This Virtual Ham Expo will debut new technology that organizers say will “further improve the live video interaction experience with exhibitors and fellow operators.”

ARRL The national association for Amateur Radio®, is a QSO Today Virtual Ham Expo Partner. Early bird tickets go on sale on February 1. Tickets are \$10 through March 6.



#### AMATEUR RADIO DIGITAL COMMUNICATIONS GRANTS CONTINUE

01/27/2022 ~ Amateur Radio Digital Communications (ARDC) has continued its largesse, funding a variety of projects through individual grants. Among the latest is a nearly \$900,000 award that will permit the Internet Archive to build the Digital Library of Amateur Radio and Communications (DLARC), “an online, open-access resource that preserves the vital resources — past, present, and future — that document the history of amateur radio and communications,” as the project proposal explained. Internet Archive is a nonprofit library of millions of free books, movies, software, music, websites, and more.

“The DLARC will be both an education program building a unique and unparalleled collection of primary and secondary resources, but also an innovative technical project that will build a digital library that combines both digitized print materials and [original] digital content,” Internet Archive said in its proposal.

It will incorporate three distinct areas: a large-scale scanning program to digitize relevant print materials from institutions and individuals; a large-scale digital archiving initiative that seeks to curate, archive, and provide specialized access to such media as digital photos and audio-video presentations, as well as websites and web-published material, and a personal archiving campaign to ensure the preservation and future access of notable individuals and stakeholders involved in the founding and activities of ARDC and the broader community.

The ARDC grant program stems from the proceeds of the July 2019 sale of some 4 million unused consecutive AMPRNet internet addresses. Using those funds, ARDC established a program of grants and scholarships in support of communications and networking research, with a strong emphasis on amateur radio.

Another ARDC grant for nearly \$34,000 will permit the Fauquier 4-H Ham Radio Club in Virginia to purchase and equip a 4-H Youth Station and Outreach Trailer for the club's youth to use at regular meetings, public demonstrations, and special events. "The Fauquier 4-H Ham Radio Club provides local youth, ages 9 to 18, opportunities to explore science, technology, engineering, art, and math through amateur radio communications and electronics projects," the club's proposal said. "An amateur radio license is not required to join, but the club strives to inspire and help members who are interested in getting their license achieve that goal."

A \$318,000 to the Society of Women Engineers (SWE), will fund 30 SWE global scholarships and "contribute to programs that will help women in engineering excel professionally and showcase their achievements." According to SWE, these programs include the High School Leadership Academy, a virtual, year-round program aimed at building self-confidence and resilience among high school students who are interested in pursuing engineering and technology degrees; the Community College Women of Color Pathways Research, a new year-long program to encourage undergraduate women studying at Historically Black Colleges and Universities (HBCUs) and Hispanic-Serving Institutions (HSIs) to pursue STEM graduate degrees, and its Collegiate Leadership Institute, a

program designed to equip collegiate SWE members with the skills, knowledge, and leadership abilities that will enable them to become leaders in engineering and technology.



## THE K7RA SOLAR UPDATE

01/28/22 ~ Tad Cook, K7RA, Seattle, reports: A new sunspot group appeared on January 20 and another on January 24,

followed by two more on January 25 and one more on January 26. But, overall solar activity declined from the previous week, January 13 – 19. Average daily sunspot number dropped from 94.4 to 39.6, and average daily solar flux went from 112 to 97.6.

On January 27 the daily sunspot number was 85, much higher than the average of 39.6 of the previous 7 days — always a good signal for increasing activity.

Predicted solar flux is 105 on January 28 – February 4; 108 on February 5 – 6; 110 on February 7 – 8; 108 on February 9 – 10; 106, 105, 103, 101, 100, and 95 on February 11 – 16; 92 on February 17 – 18; 90 on February 19 – 21; 88, 87, 92, and 94 on February 22 – 25; 96 on February 26 – 28; 98 and 100 on March 1 – 2; 105 on March 3 – 4; then 110 on March 5, and 108 on March 6 – 7.

Predicted planetary A index is 5, 12, and 10 on January 28 – 30; 5 on January 31 – February 3; 15 and 10 on February 4 – 5; 5 on February 6 – 9; 12, 15, and 12 on February 10 – 12; 5 on February 13 – 19; 8 on February 20 – 23; 5, 12, and 10 on February 24 – 26; 5 on February 27 – March 2; then 15 and 10 on March 3 – 4, and 5 on March 5 – 8.

Here's the "Weekly Commentary on the Sun, the Magnetosphere, and the Earth's Ionosphere — January 27, 2022," from F.K. Janda, OK1HH:

Since the end of last November, fluctuations in the level of solar activity within the 27-day periodicity have been more regular, which contributes to the success of the forecasts. This also applies to the occurrence of coronal holes, so predictions of Earth's magnetic field activity are also more accurate (including the next recurrent geomagnetic disturbance, which we expect on or about February 4). The overall level of solar activity is rising faster than long-term forecasts suggest, so it can be assumed that the maximum of the current 11-year cycle will be higher than the previous one.

Here's the geomagnetic activity forecast for January 28 – February 3:

- Quiet January 28, January 31-February 3
- Unsettled January 29-31
- Active January 28-29, February 3-4
- Minor storm February 4

- Major storm 0
- Severe storm 0

The geomagnetic activity summary:

Friday, January 28, we expect quiet conditions. Then, starting Saturday, January 29, we expect an unsettled – to – active period ending by January 31. At the start of February, we expect quiet conditions until Thursday, February 3. Around February 3 – 4, we expect a new active episode, which could reach a minor storm level. — Tomas Bayer, RWC Prague, Institute of Geophysics of the ASCR, Prague, Department of Geomagnetism, Budkov Observatory.

On January 16, a ham in Seattle reported:

“Amazing auroral opening on 10 meters Friday at 2100-2230 UTC, CW and SSB. Northern Europe only, GM, DL, SP, UA1, EW, OZ, LA, SM, and best signals were from OH. Very unusual and first time Western Washington [saw a] big opening to EU in years, and it was worked by several W7s. DX Maps showed lots of lines over the North Pole, very late night in Scandinavia.

I often ignore stories from British tabloids, but this one seems not to be overly alarmist.

Regarding rising activity vs forecasts, back in ARLP002 we included this link.

WA7AA responded (edited):

“They went on to say sunspot counts exceeded predicted values for 15 straight months, and the monthly value at the end of December 2021 was the highest in 5 years and more than twice the value forecast by the NOAA/NASA prediction panel.

“This isn’t the first place I’ve seen this claim from the NOAA/NASA prediction panel, and I am wondering if you have any contacts in that group to ask them for some clarification and explanation. There are several problems with this ‘over – performance’ claim in the link above. The first is that the graph on that link places the last solar minimum several months after the actual minimum that occurred in November 2019. That alone can skew any subsequent analysis and make it prone to a misinterpretation.

“The next thing is the graph shows the length of their predicted cycle 25 as 14 years long! This is nowhere near any cycle length in recorded history that, as we all know, averages to around 11 years. No one can even predict a cycle length, so where did they get this from?

“And finally, their predicted cycle graph is a smooth one – peak cycle (slow rising slopes as a result), while most cycles so far have been dual peak cycles (steeper slopes and a sort of a plateau as a result).

“Once you add all three of these errors into the observation, it is easy to make a claim that the Cycle 25

is over – performing the predictions (‘twice the value’) made before it started, that generally placed it in the same strength as Cycle 24 within the 5 – 10% margin.

“However, when the curve is adjusted to start in November 2019, when it’s compressed to the average 11 years length and tweaked to a double peak graph (in other words, more or less carbon copied the Cycle 24 graph), it quickly becomes obvious that the Cycle 25 is so far following the last cycle curve almost exactly, insignificantly higher at 3 – 4 spots per month. A recent cycle comparison confirms this observation. I am by no means an expert in propagation predictions, but it just seems weird that anyone connected to NOAA and/or NASA would make such an error and proceed to stick to it for so long. Am I missing something here? Was this a bad case of wishful thinking on their part? I would like to know what their explanation is.”

Jon, N0JK, reported:

“A major sporadic-E opening on 6 meters took place in the 2022 ARRL January VHF Contest on Saturday afternoon January 15. Starting around 2100 UTC, stations in Florida appeared in Kansas. The opening grew and spread, and by 2300 UTC 6 meters was open to the entire southeast. I received a PSK flag from ZF1EJ and logged XE2X (EL06). The opening then spread east to Ohio and north to Minnesota (N0JCF, EN35). KF0M (EM17) worked Cuba and almost completed with HI3AA. The opening faded at 0046 UTC with K3VN (EL98) last in my log. I was operating single-operator portable 10 W with an MFJ-9406 and a two-element Yagi. Cold and windy! The next morning, a short 6 meter Es opening to Mexico with XE2YWH (DL92) worked at 1435 UTC. All contacts FT8.

“The sporadic-E was a real treat for the January VHF Contest.”

Here’s a link to a video report from Tamitha Skov, WX6SWW.

Sunspot numbers for January 20 – 26 were 60, 23, 22, 22, 26, 53, and 71, with a mean of 39.6. The 10.7-centimeter flux was 99.3, 97.3, 95.2, 93.5, 95.2, 100.9, and 101.8, with a mean of 97.6. Estimated planetary A indices were 5, 8, 10, 8, 4, 13, and 10, with a mean of 8.3. Middle latitude A index was 5, 5, 7, 7, 3, 10, and 8, with a mean of 6.4.

For more information concerning radio propagation, visit the ARRL Technical Information Service, read “What the Numbers Mean...,” and check this propagation page by Carl Luetzelschwab, K9LA.

A propagation bulletin archive is available. For customizable propagation charts, visit the VOACAP Online for Ham Radio website.

Instructions for starting or ending email distribution of ARRL bulletins are on the ARRL website.

Share your reports and observations.

## FEBRUARY PUZZLER

PAUL ATKINS, AI6BB

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

<i>analog</i>	<i>giga</i>	<i>resistor</i>
<i>analyzer</i>	<i>harmfulinterference</i>	<i>ripple</i>
<i>boom</i>	<i>hop</i>	<i>rms</i>
<i>cable</i>	<i>hum</i>	<i>rotator</i>
<i>cfi</i>	<i>image</i>	<i>secondary</i>
<i>chip</i>	<i>integrated</i>	<i>semsitivity</i>
<i>classa</i>	<i>level</i>	<i>series</i>
<i>code</i>	<i>local</i>	<i>single</i>
<i>defined</i>	<i>meter</i>	<i>ssb</i>
<i>delta</i>	<i>mosfet</i>	<i>supply</i>
<i>doublet</i>	<i>multihop</i>	<i>switch</i>
<i>encoding</i>	<i>network</i>	<i>symbolrate</i>
<i>flattopping</i>	<i>notch</i>	<i>tolerance</i>
<i>forwardpower</i>	<i>plates</i>	<i>trailer</i>
<i>fronttoback</i>	<i>radiated</i>	<i>wavelength</i>

## ANSWER TO JANUARY'S PUZZLER

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

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**

Important note: All flea markets for 2022 have been canceled due to the lack of a location and the ongoing COVID-19 restrictions.

State and county health orders and restrictions are still in effect, but we expect most restrictions to be lifted before March of 2022. We are now looking for a new location for the market and plan to reopen in March 2022.

Fry's Electronics closed their doors in late 2020. They were a unique institution of the Silicon Valley and they will be missed. This also means the Electronics Flea Market needs a new location for our events. For updates, please visit:

<https://www.electronicfleamarket.com>

**CARC MEETING/EVENT SCHEDULE \***

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	Zoom Meeting
May 11th	Zoom Meeting - Field Day Planning
Jun 8th	Zoom Meeting - Final Field Day Planning
Jun 25th-26th	Field Day - Details TBD
Jul 13th	Pizza Meeting
Aug 10th	Zoom Meeting
Sep 14th	Zoom Meeting - 2023 Officer Nominations
Oct 12th	Zoom Meeting - Review 2023 Slate of Officers
Nov 6th	Daylight Savings Time Ends
Nov 12th	Dinner Meeting & Election of Officers
Dec 14th	Holiday Potluck Dinner - Location TBD

\* All meetings will be held via Zoom until COVID-19 restrictions are lifted by the state and county for in-person gatherings in public places.

**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 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 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 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:**

7:00-7:45 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	ai6bb@arrl.net
Secretary	Tom Oliver	KG6OGL	(640) 488-0704	toliver0577@gmail.com
Treasurer/ co-Treasurer	Frank Erbacher Paul Atkins	N6FG AI6BB	(650) 355-4355 (415) 810-9152	<a href="mailto:n6fg@arrl.net">n6fg@arrl.net</a> ai6bb@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	Paul Atkins Scott Gillette	AI6BB KN6GQZ	(415) 810-9152	ai6bb@arrl.net scott@sgillette.com
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	Paul Atkins R. Scott Sutor	AI6BB KM6SCD	(415) 810-9152	ai6bb@arrl.net

**MEETING  
NOTICE:**



**JANUARY 12, 2022 7:30 PM (ZOOM)**  
**WATCH FOR INVITATION VIA E-MAIL OR CONTACT**  
**[CARC\\_INFO@COASTSIDEARC.ORG](mailto:CARC_INFO@COASTSIDEARC.ORG) TO BE ADDED**

COASTSIDE COMMUNICATOR

EDITOR  
P.O. BOX 1106-6106  
PACIFICA, CA 94044

FIRST CLASS

TO: