



# THE COASTSIDE COMMUNICATOR

VOL. 56

No. 9 ~ SEPTEMBER 2024

OCTOBER 9<sup>TH</sup>, 2024 - NOMINATION OF OFFICERS MEETING

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

## PRESIDENT'S COLUMN

We made another trip up to the repeater site to determine why weak signals were not making it to the repeater. A cross-threaded coax connector on the receiver side was the culprit. I, Ralph Kugler (KC6YDH), and John Owens (NN6U) all went up to fix that problem. Also, the intermittent RFI may have been cured due to some repair work recently accomplished by PG&E. The problem seems to have disappeared now.

Paul Atkins (AI6BB) would like to see us host presentations of radio related subjects to members at one of our future meetings. If anyone has suggestions for a speaker, let us know at ([carc\\_info@coastsidearc.org](mailto:carc_info@coastsidearc.org))

It is also time to nominate new officers. If anyone would like to throw their hat in the ring, please get word to us by the next meeting date. ([carc\\_info@coastsidearc.org](mailto:carc_info@coastsidearc.org))

Fog Fest is coming up towards the end of September. It is a fun activity to assist in radio dispatch services for administration of the Fog Fest. The dates are September 28th and 29th. We do have some volunteers who have responded. More are welcome. Many "hams" make less work! Our task is to ensure the commercial hand held units get properly handed out and signed back in. We also keep a bank of batteries charging. And most important, the volunteer hours result in a donation to our Club! Contact me at [n6sjf@knosys.com](mailto:n6sjf@knosys.com) for more information.

73, Jon, N6SJF,  
Club President

## CARC AUGUST 14, 2024 MEETING MINUTES

**Call to Order** - The August 14, 2024, meeting was called to order at 7:30pm by President Jon-N6SJF at the Linda Mar Fire Station, Linda Mar Blvd, Pacifica.

**Self-introductions** - Introductions by members in attendance.

**Minutes** – Motion was made by Steve-KN6ORM and seconded by Gary-KG6HIG to approve the July minutes as published in the August Coastside Communicator.

**TREASURER'S REPORT** - The funds provided by the Treasurer as of August 14, 2024, are:

Account	Previous	Current	Change
General Checking	\$6,442.69	\$6,462.69	\$20.00
PayPal Checking	\$608.23	\$671.23	\$63.00
CD Acct ....7605	\$5,199.02	\$5,218.89	\$19.87
CD Acct ....7779	\$10,411.17	\$10,452.47	\$41.30
Total a/o 20240611	\$22,661.11	22,805.28	\$144.17

General Fund	\$18,034.11	\$18,173.28	\$139.17
Repeater Fund	\$4,627.00	\$4,632.00	\$5.00
Total a/o 20240611	\$22,661.11	\$22,805.28	\$144.17

Action Items: Renewed matured CD on July 22<sup>nd</sup> at 4.4%. Jon questioned about rolling monies from the PayPal account into the main checking account. Steve stated that he could move the monies over and leave \$50 in the PayPal account. All agreed.

Bills needing approval – None

Correspondence – US Bank issue has been resolved.

## COMMITTEE REPORTS

### Current Repeater

Status of current Yaesu WA6TOW repeater: **From Slack** - Group made a trip to the repeater in July. Rerouted power cables and removed remainder of old equipment. Power was out while they were there. Came back 2-days later and repeater survived on battery backup. On July 29<sup>th</sup> it was having issues with weak signals not getting through. Ralph stated that the equipment was moved to another shelf and may have put stress on the coax. On August 9<sup>th</sup> the group went back and fixed the problem, a loose connection. Seems to be working good now.

### Replacement Repeater

Update on Motorola Replacement Repeater: No current updates. Steve stated that now that the Yaesu repeater is working well and is stable, he said that he can return to work on the Motorola repeater. Small discussion on configuration of repeater and using the UHF side and putting in a commercial modem to access it via cell.

Newsletter – August Newsletter created, emailed to Paul-AI6BB for publication on the website.

Website – No current updates other than uploading the Communicator.

## UNFINISHED BUSINESS

- A. 15-meter beam antenna – Keep on list, no update required until change has taken place.
- B. Speakers giving presentations – It was mentioned that we could do technical sessions from videos on YouTube.
- C. PayPal – Working Status – Upgraded the certificate. Must now update every 30-days instead of 90.
- D. 2024 Field Day – Any updates? We have logs, but Jon did not have time to tally. Also there wasn't enough room in the RV to set up 2 logging stations and issues with easy ability to log the information.
- E. Assemble and test 10-meter antenna -
- F. Jon to get a new antenna base plate made – Tom-KJ6OGL is looking for a metal shop in the Daly City area that could possibly make the base plate. Can be square or round, but has to have at least 4-holes.
- G. Club status with CA Secretary of State -

## NEW BUSINESS

- A. Consider updating CARC Constitution – It's been 10-yr's since last update. Some items need to be changed/updated.
- B. Pacific Fog Fest – Is there going to be a Fog Fest? Will CARC handle communications? Yes to both. Steve to send an email to Kathy to check if they want us to do communications again. 8/15 Update: I enquired about our participation in FogFest 2024. We are all set. We were missing some forms, but I filled them in and submitted them. We will be invited to an orientation meeting shortly.
- C. 2025 Field Day Location – Tom-KJ6OGL is in contact with a person in the SSF's Park's & Rec. Department that are considering our request to hold the 2025 ARRL Field Day at Oyster Point.

D. Tom saw a news article on KPIX5 Sunday evening on Ham Radio. They interviewed Bruce Wolfe-KI6BSL, (From website - Secretary & PIO of the San Francisco Radio Club (Current President per Ralph-KC6YDH)) – video on YouTube - <https://www.youtube.com/watch?v=oqEYSyXRoRg>

E. Reminder – October meeting is Nomination of Officers

### Adjournment

Motion made by Gary-K6HIG and seconded by Frank-N6FG to adjourn the meeting at 8:25pm. Meeting adjourned.

### Present at the Meeting

**Officers:** President: Jon-N6SJF, Vice-President: Paul-AI6BB, Treasurer: Steve-KN6ORM, Secretary: NA

**Members:** Gary-KG6HIG, Steve-K6YUA, Ralph-KC6YDH, Frank-N6FG, Julie-J\_Lancele

### Visitors:

Submitted by: Minutes recorded by Steve-KN6ORM

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## NEWS

### ARRL Urges Protecting the Amateur Radio 902-928 MHz Band

The FCC accepted for public comment a Petition for Rulemaking filed by NextNav Inc., a licensee in the 900-MHz Location and Monitoring Service (LMS), to completely reconfigure the 902-928MHz band and replace the LMS with high-powered 5G cellular and related locations services.

The FCC Notice requested comment on the effects that NextNav's proposals would have on amateur radio operations in the band. ARRL is preparing comments urging protection of existing and future amateur uses in this band and urges all amateurs to file their own comments describing their activities in this band and the expected effect of the proposed changes. [Click here for a guide to filing comments.](#)

ARRL is preparing comments urging protection of existing and future amateur uses in this band. ARRL urges all amateurs to study the proposal and file their own comments describing their activities in this band and the expected effect of the proposed changes. The filing deadline is September 5, 2024. Replies to comments are due by September 20, 2024. [Click here for a guide to filing comments.](#)

Full article at [www.arrl.org/news](http://www.arrl.org/news)

### ARRL IT Security Incident - Report to Members

Sometime in early May 2024, ARRL's systems network was compromised by threat actors (TAs) using information they had purchased on the dark web. The TAs accessed headquarters on-site systems and most cloud-based systems. They used a wide variety of payloads affecting everything from desktops and laptops to Windows-based and Linux-based servers. Despite

the wide variety of target configurations, the TAs seemed to have a payload that would host and execute encryption or deletion of network-based IT assets, as well as launch demands for a ransom payment, for every system.

This serious incident was an act of organized crime. The highly coordinated and executed attack took place during the early morning hours of May 15. That morning, as staff arrived, it was immediately apparent that ARRL had become the victim of an extensive and sophisticated ransomware attack. The FBI categorized the attack as “unique” as they had not seen this level of sophistication among the many other attacks, they have experience with. Within 3 hours a crisis management team had been constructed of ARRL management, an outside vendor with extensive resources and experience in the ransomware recovery space, attorneys experienced with managing the legal aspects of the attack including interfacing with the authorities, and our insurance carrier. The authorities were contacted immediately as was the ARRL President.

The ransom demands by the TAs, in exchange for access to their decryption tools, were exorbitant. It was clear they didn’t know, and didn’t care, that they had attacked a small 501(c)(3) organization with limited resources. [READ MORE.](#)

**ARRL has resolved its hacking problem with a \$1 million ransom.** <https://www.arrl.org/news/arrl-it-security-incident-report-to-members>



**Solar Cycle 25 Producing Record High Sunspot Numbers**

Solar Cycle 25 Impressing Propagation Experts  
By: Frank Donovan, W3LPL

Record High Solar Cycle 25 Solar Maximum Sunspot Numbers Have Improved HF Propagation Since Mid-July and Possibly Worldwide 6 meter F2 Propagation This Fall.

According to the NOAA Space Weather Prediction Center (SWPC), Solar Cycle 25 likely reached its highest sunspot number yet of at least 299 on August 8th.

The World Data Center - Sunspot Index and Long-Term Solar Observations (SILSO) publishes near-real-time Estimated International Sunspot Number (EISN) reports based on its global network of reporting stations. Daily EISN reports during Solar Cycle 25 were consistently well below 200 until suddenly rising to 218 on July 14th and reaching 289 on July 18th, but then declining to 178 on July 22nd.

While occasional brief daily EISN increases are not unusual during solar maximum, after only five days, the daily EISN suddenly rose to 212 on July 27th, reaching a Solar Cycle 25 record high 297 on August 8th and remaining mostly well above 200 through this writing on August 11th. Daily EISN reports are likely to remain well above 200 during most days through late September and possibly much longer.

Since February 2002, worldwide 6-meter propagation has been mostly limited to sporadic occurrences of trans-equatorial propagation (TEP) near the equinox months and occasional sporadic-E propagation reaching many thousands of miles during June and July. Worldwide 6-meter F2 propagation may again occur -- perhaps very frequently -- starting in late October 2024 if daily EISN reports consistently remain well above 200. See [www.sidc.be/SILSO/eisnplot](http://www.sidc.be/SILSO/eisnplot).

**via Hackaday: Moonbounce Music**



There’s something inspiring about echoes. Who among us hasn’t called out or clapped hands in a large space just to hear the sound reflected back? Radio takes this to a whole new level. You can bounce signals from buildings, aircraft, the ionosphere, or even the Moon itself. Humans have been bouncing radio waves from the moon for decades. It’s been used at war, and in peacetime. But [Hainbach - YouTube] might be the first to [use it for music](#).

Earth Moon Earth or EME communication is quite popular with amateur radio operators. With the right equipment, you can bounce a signal off the moon and hear the echo around 2.5 seconds later. The echo isn’t quite normal though. The moon and the earth are both rotating and moving in relation to each other. This causes Doppler shifts. At higher frequencies, even the craters and surface features of the moon can be heard in the echo.

[Hainbach] spent some time at a learning moonbounce at a large radio telescope, He wanted to share this strange audio effect with the world. Unfortunately, most of us don’t have the large microwave dish required for this. The next best thing was to create an application which emulates the sound of a moon bounce. To this end, [Hainbach] created a Moon Echo, an audio plugin that emulates a moonbounce.

Moon Echo was created using sounds from a soprano signer and a double bass. [Hainbach] had to be careful not to be too musical, as ham operators are not allowed to broadcast music. This meant all the tests had to be broken into short non-musical clips. Rolling all this empirical data into a model took quite a bit of work, but the end result is worth it.

If you’d like to learn how to moonbounce yourself, [check this article out](#).

**Via AMSAT: Registration Now Open for the 42nd Annual AMSAT Space Symposium & Annual General Meeting**

The 42nd Annual AMSAT Space Symposium and Annual General Meeting will be held on Friday through Saturday, October 25-26, 2024, at the DoubleTree by Hilton Tampa Rocky Point Waterfront in Tampa, Florida.

Highlights of all scheduled events include:

AMSAT Board of Directors Meeting, October 24-25

42nd AMSAT Space Symposium and Annual General

Meeting, October 25-26

Friday Night Social and Auction, October 25

AMSAT Banquet and Reception, October 26

AMSAT Ambassador Breakfast (all are welcome), October 27

**Note – if you wish to register guests for the banquet and/or breakfast who are not attending the Symposium sessions, you must register for each event separately and include your guests with your banquet and breakfast tickets.**

If you are interested in presenting or submitting a paper for inclusion in the Symposium Proceedings, please see the [Call for Papers](#).

**IMPORTANT: The deadline for Symposium registrations if you want to include the Saturday evening banquet or Sunday breakfast is Friday, October 18th. Meals cannot be ordered after that date.**

**From “This week in Amateur Radio”: A star could explode over Florida this month. Here’s what to expect - Explosion could be a once-in-a-lifetime moment for many**

Move over, eclipse. There’s a new star in town.

A nova outburst is expected to be seen in the night sky by the end of the month, providing a rare chance for skywatchers in Florida, according to NASA.

Because the nova outburst only happens once every roughly 80 years, it could be a once-in-a-lifetime opportunity for many.

But there’s a problem: researchers don’t know exactly when it will happen.

The star system — T Coronae Borealis (“T CrB”) — last exploded in 1946, and astronomers believe it will do so again sometime between now and September.

“T CrB” is usually too dim for the naked eye to see, but the nova burst will increase its brightness to a level similar to the North Star, NASA experts explain.

Once the brightness reaches its peak, it’s expected to remain visible to the unaided eye for several days — just over a week with binoculars — before dimming again, likely for another 80 years.

While experts may not know exactly *when* the burst will happen, they do know *where* it’s expected.

The constellation “Corona Borealis,” also known as the “Northern Crown,” is a small arc found between Boötes and Hercules. NASA announced that the nova is set to appear as a “new” star within that constellation.

This recurring nova is one of only five in the Milky Way Galaxy.

It happens because “T CrB” is a binary system made up of a red giant and a white dwarf. The unstable red giant begins ejecting its outer layers, which causes the white dwarf to heat up, eventually resulting in a large, thermonuclear explosion — the nova that can be seen from Earth.

To stay updated on when the nova happens, you can follow NASA Universe by clicking [here](#).

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## In Brief...

### Amateur Radio in the News

“[What Is Ham Radio: A Newcomer’s Guide](#)” / Field and Stream August 19, 2024 – Field and Stream on-line explores how to learn the basics to become a licensed “ham.” Plus, tips on the gear you’ll need to start transmitting.

### ARRL Expands Publications Archive

ARRL has expanded member access to its rich archive of publications. The ARRL Periodicals Archive and Search now includes content from two more popular ARRL magazines: *QEX – A Forum for Communications Experimenters*, which features technical articles and columns of interest to radio amateurs and communications professionals; and *NCJ – the National Contest Journal*, which covers information, scores, and advice from the world of competitive Radiosport and the contributions of top contesters.



Before accessing the archive, members should ensure they are first logged in to the [ARRL website](#). Members may now view and download articles from across the extensively indexed archive of QEX from 1981 to 2011, and NCJ from 1973 to 2011. Members can access and index and view copies of articles from the huge ARRL periodicals archive.

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## The K7RA Solar Update

8/22/2024



**8/22/2024** - Ten new sunspot groups appeared over this reporting week, August 15-21, but both solar flux and sunspot numbers were lower, due to the extraordinary numbers of the previous week.

Average daily sunspot numbers declined from 255 to 180.3, while average daily solar flux went from 284.9 to 232.7.



Geomagnetic numbers were quieter. The average daily planetary A index declined from 28.6 to 11.9, and average daily middle latitude numbers sank from 17.8 to 12.

On August 17, the planetary A index was 31, caused by a coronal mass ejection around 1400 UTC. A strong G3 geomagnetic storm was the result.

One new sunspot group appeared on August 15; two more emerged each day from August 16 to 19, and one more on August 21.

Predicted solar flux is 240 on August 22 - 23, then 245, 250, 240, 230, and 235 on August 24 - 28; 205 on August 29 - 30; 210 and 215 on August 31 to September 1; 220 on September 2 - 3; 225 on September 4 - 6; 220 on September 7 - 8; 225 on September 9; 230 on September 10 - 12, and 225 on September 13 - 16.

The planetary A index prediction shows 12 and 8 on August 22 - 23, and 5 on August 24 to September 17.

Sunspot numbers for August 15 through 21, 2024 were 164, 169, 170, 170, 213, 200, and 176, with a mean of 180.3. The 10.7 -centimeter flux was 227.4, 224.9, 229.5, 231, 239.1, 238.2, and 239, with a mean of 232.7. Estimated planetary A indices were 6, 8, 31, 13, 10, 7, and 8, with a mean of 11.9. The middle latitude A index was 6, 11, 24, 15, 11, 9, and 8, with a mean of 12.

A weekly, full report is posted on [ARRL News](#).

### Coming Events

#### **2024 Simulated Emergency Test – The annual ARRL SET will be October 5-6, 2024 - Steve Ewald, WV1X, ARRL Field Organization Supervisor**

It's time to prepare for the 2024 ARRL Simulated Emergency Test (SET)! ARRL Field Organization leaders are planning simulated practice events that will actively involve the Amateur Radio Emergency Service® (ARES®), the Radio Amateur Civil Emergency Service (RACES), the National Traffic System (NTS), SKYWARN®, the Community Emergency Response Team (CERT), The Salvation Army Team Emergency Radio Network (SATERN), other auxiliary communications groups, and public service-oriented radio amateurs.

This nationwide annual event is among the best chances of the year for amateur radio operators to plan for and practice their emergency communications skills in an organized and coordinated effort with public service agencies and organizations in your community, ARRL Section, or state.

#### **Coordination and Cooperation**

ARRL has established formal relationships with national organizations and agencies such as the Federal Emergency Management Agency (FEMA), the American Red Cross, The Salvation Army, the National Weather Service, the National Communications System, the Association of Public-Safety

Communications Officials-International (APCO-International), Citizen Corps, National Voluntary Organizations Active in Disaster (NVOAD), REACT International, Inc., the Society of Broadcast Engineers (SBE), and the Boy Scouts of America. More details about these organizations and agencies can be found at [www.arrl.org/served-agencies-and-partners](http://www.arrl.org/served-agencies-and-partners)

#### **How to Get Involved**

To find out how to get involved in this year's SET, contact your local ARRL Emergency Coordinator or Net Manager. ARRL Affiliated Clubs may know about the nearest ARES group and who the Emergency Coordinator is. In addition, refer to the ARRL Section web pages at [www.arrl.org/groups/sections](http://www.arrl.org/groups/sections). Your ARRL Section Manager can assist, too. See page 16 in any issue of QST for a list of Section Managers' contact information.

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](mailto:ad6zh.mj@gmail.com).

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

**Our 17<sup>th</sup> 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](http://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

**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.).

**North County Fire Authority CERT Training** – For information: <https://northcountyfire.org/home/cert-classes/>

**Electronics Flea Market (EFM) - Sunday, September 08, 2024 – TBD** - The planned location is parking lot 3 at West Valley College in Saratoga: 14000 Fruitvale Ave., Saratoga, CA 95070. The hours are from 6:00AM until 12:00 Noon. Please observe a "Quiet Time" before 8:00AM. The Electronics Market is organized by: **ASVARO** at: <https://www.asvaro.org/>, for the benefit of non-profit amateur radio organizations in the Silicon Valley. Buyers enter the market for free, but parking on campus is \$3 for the day. Further information is available at: <https://www.electronicfleamarket.com/>

**If you have an event you'd like posted in the Coastside Communicator, please send to: [kj6ogl@arrl.net](mailto:kj6ogl@arrl.net)**

### JULY PUZZLER

PAUL ATKINS, AI6BB

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WORDLIST

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| aircore     | indices     | rms          |
| array       | level       | rotor        |
| auxiliary   | loss        | rtty         |
| beam        | match       | sdr          |
| bleeder     | mismatch    | series       |
| bridge      | modulation  | shack        |
| carrier     | multiplier  | skip         |
| choke       | oscillate   | solar        |
| circuit     | paddle      | spurs        |
| common      | parity      | sunspot      |
| deci        | permissible | surface      |
| doping      | plates      | tap          |
| emissions   | radiation   | trailer      |
| envelope    | region      | transmission |
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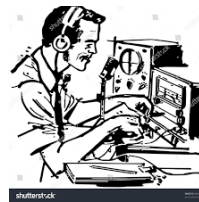
### ANSWER TO AUGUST'S PUZZLER

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\*\*\* NOTICE \*\*\*

Mark your Calendar: The October 9<sup>th</sup> CARC Meeting is the Nomination of Officers meeting. Come and show you're your support. Offer your services as an Officer or nominate a member (Must be present to be nominated).



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**CARC MEETING/EVENT SCHEDULE**

Date	Event
Jan 10 <sup>th</sup>	Firehouse Meeting - 2024 Agenda Planning
Jan 27 <sup>th</sup> -28 <sup>th</sup>	Winter Field Day
Feb 14 <sup>th</sup>	Firehouse Meeting - 2024 Agenda Final
Mar 10 <sup>th</sup>	Daylight Savings Time Starts
Mar 13 <sup>th</sup>	Firehouse Meeting
Apr 10 <sup>th</sup>	Pizza Meeting – Good Fellas - Pacifica
May 8 <sup>th</sup>	Firehouse Meeting - Field Day Planning
Jun 12 <sup>th</sup>	Firehouse Meeting - Final FD Planning
Jun 14 <sup>th</sup>	Flag Day
Jun 22 <sup>nd</sup> -23 <sup>rd</sup>	ARRL Field Day – Location: Oceana HS
Jul 10 <sup>th</sup>	Firehouse Meeting
Aug 14 <sup>th</sup>	Firehouse Meeting
Sep 11 <sup>th</sup>	Firehouse Meeting
Sep 28 <sup>th</sup> -29 <sup>th</sup>	Pacific Coast Fog Fest
Oct 9 <sup>th</sup>	Firehouse Meeting – 2025 Nomination of Officers
Nov 3 <sup>rd</sup>	Daylight Savings Time Ends
Nov 16 <sup>th</sup>	Dinner Meeting & Election of Officers – Location TBD
Dec 11 <sup>th</sup>	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 possible, meetings will 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 one repeater, WA6TOW/R (VHF), and an APRS Digipeater, WA6TOW-2, on the North Peak of Montara Mountain, altitude 1900 feet located on the border of Pacifica and Montara: Users of the machine provide repeater support and maintenance strictly through donations.

**VHF: 146.925 MHz –offset 600 KHz PL 114.8**

**PL Tone: 114.8 Hz is used on both repeaters, as needed, for noise suppression.**

**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.**

**7VHF 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. The WA6TOW-UHF repeater is currently not available.

**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. This newsletter contains material from The ARRL Letter as permitted by the American Radio Relay League

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[cert@pacificapolice.org](mailto:cert@pacificapolice.org)



65 years



of Service

55 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				
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Emergency Services				

**MEETING NOTICE:**



**SEPTEMBER 11, 2024 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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FIRST CLASS

TO: