



THE COASTSIDE COMMUNICATOR

VOL. 56

No. 1 ~ JANUARY 2024

WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

Wire. What is radio without wire. Wire is necessary in every aspect of radio. Let's take the antenna system for instance. String up some wire between two trees and voila, you're on the air. Hoist up a vertical made out of wire and you're on the air. How about a piece of metal tubing (more wire) supported between two fence poles 6 ft off the ground. And then there's my favorite which will most likely never happen, and that is hoisting a wire up in the air using a hot air balloon! So go out and hoist up some wire.

Why am I writing about wire anyhow? I just ran across a very imaginative video demonstrating direct current flow through a long piece of wire. It is a most fascinating view into how current flows through wire over time. Do be sure to check it out at

https://www.youtube.com/watch?v=2AXv49dDQJw&list=P_LDJ-e0cHNm4Pfk0KcQ2qRDXuVhtNRxEFw

The temporary repeater is up and running. Steve (KN6ORM), Ralph (KC6YDH), John (NN6U), and I, Jon (N6SJF) have been making trips up to ensure it works properly. We now have two AGM batteries which are intended to be installed as backup power. Unfortunately, the rains are putting a damper on our efforts. We will keep a close eye on the weather and try to get up there as soon as the roads dry out.

Training for Pacifica CERT begins on January 18th. Breck Hitz (K6CBH) has been registering names of individuals interested in doing the training. I believe there are two or three slots left at this time. Contact Breck at hitzb@pacificapolice.org if you would like to participate.

And now, back to wire. It's time for me to practice what I preach! Wish me luck in getting some wire up a tree surrounded by poison oak.

73, Jon, N6SJF
Club President

CARC DECEMBER 13, 2023 MEETING MINUTES

Call to Order

Enjoyed a wonderful potluck meal prior to the start of the meeting. Thanks to all that provided food.

The December 13, 2023, meeting was called to order at 8:02pm by Vice-President Paul-AI6BB, at the Linda Mar Fire Station, Linda Mar Blvd, Pacifica.

Self-introductions

Introductions by members in attendance.

Minutes

Approval of the October and November Minutes were deferred to the December Meeting.

1) Motion made by Ron-WB9EGG and seconded by Frank-N6FG to approve the October minutes as published in the November Coastside Communicator. The motion passed by unanimous vote of the membership present.

2) Motion made by Ron-WB9EGG and seconded by Ralph-KC6YDH to approve the November minutes as published in the November Coastside Communicator. The motion passed by unanimous vote of the membership present.

TREASURER'S REPORT

The funds provided by the Treasurer as of November 30, 2023 are: Deferred to January meeting. Treasury report not available. On October 25, 2023, Jon-N6SJF filed the Fed 990-N e-postcard for tax year 2022.

Bills needing approval – Paul-AI6BB asked if Jon-N6SJF needed to be paid for his paying out-of-pocket for deserts at the Election Dinner? Motion made by Dave-KF6TWW and seconded by Georgia-KE6KRT to approve reimbursement to Jon-N6SJF. Will get \$\$ amount from Jon at January meeting. Motion passed by unanimous vote of the membership present.

Correspondence – Received dues checks from Bharat-N2OKB and Dave-KF6TWW for 2024 CARC dues.

COMMITTEE REPORTS**Current Repeater**

1. Status of current WA6TOW repeater: The new Yaesu repeater is working well, even with the limitations of the backup antenna being used. Ralph-KC6YDH mentioned that the last trip to the site, they removed all of the old VHF equipment. Future trips will be planned to remove UHF equipment when the weather permits.

2. APRS – No Report

3. Emergency Services – No Report

Replacement Repeater

Update on Replacement Repeater: Further updates to the Yaesu repeater to be done in upcoming months, weather permitting. Steve-KN6ORM is continuing to work on the Motorola repeater. Steve was not available for further comment.

Newsletter – December Newsletter Published and emailed to Paul.

Website – Working. December Newsletter posted.

UNFINISHED BUSINESS

A. 15-meter beam antenna –No report needed.

B. Speakers giving presentations via Zoom –Postponed to January. Ron-WB9EGG mentioned that he has a friend N6NU-Andreas (former President of the Palo Alto Radio Club), that would be willing to do a presentation on moon bounce communications. Paul stated that he would like to see the Club do more presentations. He knows a person that might do a presentation on loop antennas.

C. PayPal update. Paul-AI6BB and Jon-N6SJF continue to work on the integration of PayPal into the website.

NEW BUSINESS

A. Officers for 2024. President: Jon Lancelle-N6SJF, Vice-President: Paul Atkins-AI6BB, Secretary: Tom Oliver-KJ6OGL, Treasurer: Steve Austin-KN6ORM.

B. After the end of the October meeting was adjourned, it was mentioned the Club consider updating the Constitution & Bylaws. Any discussion tabled to a future meeting.

Adjournment

Motion made by Dave-KF6TWW with a Merry Christmas and Happy New Year to all and seconded by Frank-N6FG to adjourn the meeting at 8:43pm. Meeting adjourned.

Present at the Meeting

Officers: Vice-President: Paul-AI6BB, Secretary: Tom-KJ6OGL

Members: Georgia-KE6KRT, Ron-WB9EGG, Ralph-KC6YDH, Frank-N6FG, Dave-KF6TWW, Bharat-N2OBK

Visitors: None

Submitted by: Tom-KJ6OGL, Secretary

NEWS**WRC-23 Reaches Acceptable Conclusion on 23-centimeter Issue**

12/11/2023

The International Telecommunication Union (ITU) World Radiocommunication Conference 2023 (WRC-23) continues through December 15, 2023, in Dubai, United Arab Emirates (UAE).

IARU's primary effort focused on Agenda Item 9.1 topic b to address amateur use of the 23-centimeter band and co-frequency use by several radionavigation satellite service (RNSS) systems in the 1240 – 1300 MHz band.

IARU's work that began 4 years ago with a preparatory study in the ITU Radiocommunication Sector (ITU-R) to address this agenda item has finally come to a close. Our concerted engagement in the ITU-R working parties, study groups, and WRC preparatory meetings ensured that the amateur services were properly represented during the development of two published ITU-R reports: M.2513 and M.2532. An ITU-R Recommendation, M.2164, followed these, which formed the basis for the discussions at WRC-23.

During the WRC-23 deliberations, strong positions were expressed by all parties involved. The result is a well-supported compromise for a footnote in the Radio Regulations regarding amateur and amateur satellite service operation in the 1240 - 1300 MHz range. The footnote reminds administrations and amateurs of the need to protect the primary RNSS from interference, and it provides guidance for administrations to allow both services to continue to operate in this portion of the spectrum.

Administrations are the bodies that govern amateur radio in their respective countries, such as the Federal Communications Commission (FCC) in the United States.

The Conference Plenary compromise was formally adopted on December 8 and is not subject to further consideration during the final week of WRC-23. The IARU team continues its work on other WRC issues, including developing agendas for future conferences.

IARU President Tim Ellam, VE6SH, noted, "This is a very good result for the amateur services. The decision reached at WRC-23 on this agenda item makes no change to the table of allocations nor incorporates by reference M.2164 into the Radio Regulations. The addition of a footnote that provides guidance to administrations in the event of interference to the RNSS is a good regulatory outcome for amateurs and the primary users of this band."

The WRC also agreed to suppress Resolution 774, which closes the issue and satisfies the agenda item.

[WRC-23 began on November 20](#). The IARU team includes: ARRL Technical Relations Specialist Jon Siverling, WB3ERA; Paul Cloverdale, VE3ICV, for Radio Amateurs of Canada; Barry Lewis, G4SJH (IARU AI 9.1b Lead), Flavio Archangelo, PY2ZX, for Liga de Amadores Brasileiros de Rádio Emissão / IARU Region 2; Bernd Mischlewski, DF2ZC, for Deutscher Amateur Radio Club; IARU President Tim Ellam, VE6SH; Murray Niman, G6JYB, for the Radio Society of Great Britain; IARU Vice President Ole Garpestad, LA2RR; IARU Secretary Joel Harrison, W5ZN; Wahyudi Hasbi, YB1PR, for Organisasi Amatir Radio Indonesia; Peter Pokorny, VK2EMR, for the Wireless Institute of Australia; Dale Hughes, VK1DSH, for the Wireless Institute of Australia (SWG4B7 Chair), Roland Turner, 9V1RT, for Singapore Amateur Radio Transmitting Society (IARU), and Ken Yamamoto, JA1CJP, for the Japan Amateur Radio League.

ARDC and ARRL Announce \$2.1 Million for the Next Generation of Amateur Radio

12/06/2023

SAN DIEGO, California and NEWINGTON, Connecticut – Today, Amateur Radio Digital Communications (ARDC) and The ARRL Foundation announced a three-year commitment with over \$2.1 million in combined funding to support scholarships for radio amateurs, radio technology for classroom teachers, and amateur radio club grants. This commitment reinforces a strong shared vision between [ARRL The National Association for Amateur Radio®](#) and [ARDC](#) to invest in the future of amateur radio through programs supporting the next generation of radio amateurs.

“ARRL and ARDC share a common vision for the future of Amateur Radio,” says The ARRL Foundation President David Norris, K5UZ. “The Foundation exists to support the next generation of radio amateurs, and we are so proud to collaborate with ARDC to make these programs possible.”

The ARDC Scholarship at The ARRL Foundation has supported nearly 100 amateur radio operators in pursuit of their educational goals since its inception in 2020. The renewed commitment will result in over 200 total scholarships, awarded over the next three years, for radio amateurs pursuing higher education, with scholarships ranging from \$5,000 to \$25,000. This competitive scholarship program is run through The ARRL Foundation Scholarship Program, and recipients who demonstrate academic excellence and financial need can use this funding for tuition, room & board, books, and other fees essential to advance their education. More information on eligibility and application deadlines may be found online at The ARRL Foundation website at www.arrl.org/scholarship-program.

The ARRL Club Grants program was introduced in 2022 with initial funding from ARDC. Thanks to this next round of collaboration, the ARRL Club Grants Program will continue in 2024. Beginning with significant funding from ARDC in 2022, the ARRL Club Grants program is administered by The ARRL Foundation, together with the ARRL Field Organization. These

club grants are critical to the future of amateur radio because of the importance of mentoring and helping licensees become active in Amateur Radio. ARRL encourages clubs to revitalize this critical aspect of their role by applying for funding to support programs in one of the available categories, including ham skills development, STEAM learning and education, or club station improvement, among others. This transformational program will launch in the Spring of 2024. More details will be provided through upcoming informational sessions and on The ARRL Foundation website at www.arrl.org/club-grant-program.

Additional funding from ARDC will extend the effectiveness of ARRL outreach programs to teachers and schools, including the ARRL Teachers Institute for Wireless Technology. Monies will be used to purchase equipment to allow students to get hands-on STEM experiences through radio communications and radio technology.

ARRL CEO David Minster, NA2AA, is inspired by the opportunities this collaboration presents. “These grants are a great exercise in teamwork and shared vision between our organizations; ARDC has resources to enable significant advancements in amateur radio, and ARRL brings the strength and reach needed to implement these great programs,” he said.

“On behalf of ARRL and The ARRL Foundation, I want to express my sincere thanks for the strong vision and generosity of ARDC,” says ARRL Director of Development Kevin Beal, K8EAL, “Through its philanthropy, ARDC is supporting transformational programs, which will have a significant impact on amateur radio’s future.”

ARDC Executive Director Rosy Schechter, KJ7RYV, adds: “It’s a joy and an honor to enable amateur radio clubs across the country to flourish, and we’re grateful to work with the ARRL to make it happen. We loved seeing the projects from the first round of funding and look forward to seeing what comes next.”

“Clubs are the heart and soul of amateur radio, and outreach is core to ARDC’s and ARRL’s shared vision,” says ARDC Board Member Ria Jairam, N2RJ. “We are proud to support amateur radio clubs and their projects through these transformational grants.”

As Solar Cycle 25 continues to rise toward its peak, amateurs can expect to encounter more exciting propagation, especially on the 10- and 6-meter bands. In this case, the signals traveled roughly 9,800 miles round trip. Your mileage may vary.

In Brief....

Amateur radio operators helped a California radio station get back on the air after their equipment sustained heavy storm damage. In early 2023, KNYO-LP, a low-power FM radio station in Fort Bragg, California, lost their antenna that was unconventionally mounted atop a 70-foot

pine tree. Then, in late October, heavy storms damaged their backup antenna, and the station went off the air. President of the [Mendocino County Amateur Radio Communications Service \(McARCS\)](#) Derek Hoyle, KE6EBZ, and several McARCS members volunteered to help KNYO-LP get back on the air. Their investigation found that several connectors and a lightning arrester were damaged and needed to be replaced. A short time later, the antenna and supporting mast were fixed, and the station went back on the air. KNYO-LP thanked the amateur radio volunteers and the entire Fort Bragg community and said they would not have been able to continue without their support.

NCVEC Question Pool Committee Removes Two General-Class License Questions

12/06/2023

The National Conference of Volunteer Examiner Coordinators (NCVEC) Question Pool Committee (QPC) has removed two General-class license questions.

Pursuant to the November 13, 2023, FCC rule change to remove symbol rate restrictions on amateur radio digital emissions (<http://www.arrl.org/news/arrl-hails-fcc-action-to-remove-symbol-rate-restrictions>), the QPC of the NCVEC has deleted two questions from the General-class question pool because they are no longer correct. General-class questions G1C08 and G1C10 are withdrawn from the pool effective immediately and should be removed from examinations as soon as possible. Updated question pool files, including the errata and new information, have been posted on the NCVEC General-class question pool web page at <http://www.ncvec.org/page.php?id=369>.

The current Element 3 General question pool became effective on July 1, 2023, and it is valid through June 30, 2027. The [ARRL VEC](#) advises the community to regularly check the NCVEC website at <http://www.ncvec.org/> for updates to the question pools, which may include errata and withdrawn questions.

New Amateur Extra-Class Question Pool Released Effective July 1, 2024

12/07/2023

The [National Conference of Volunteer Examiner Coordinators \(NCVEC\) Question Pool Committee \(QPC\)](#) has released the 2024 - 2028 Extra-Class FCC Element 4 Question Pool Syllabus to the public. The new [Extra-Class Question Pool is effective from July 1, 2024, through June 30, 2028](#).

The 2024 - 2028 pool is available as a Microsoft Word document and as a PDF. The 10 graphics required for the new Extra-Class Question Pool are available within the documents or separately in PDF and JPG file formats.

Extra-class examination candidates preparing for their exams using the 12th edition of [The ARRL Extra Class License Manual](#) or the 5th edition of [ARRL's Extra Q & A](#) are encouraged to test on or before June 30, 2024. New editions of ARRL licensing publications will be available in May for exams taken on or after July 1, 2024.

From the ARES Letter 12/20/2023: FEMA released its [2023 National Preparedness Report](#), highlighting the state of the nation's preparedness at all levels of government while examining the risks the nation faces and the capabilities available to address them. With the cost and frequency of disasters increasing markedly over previous decades, emergency managers must continue to adapt, forge new partnerships, and anticipate challenges to help individuals and communities.

Climate change continues to increase the frequency and severity of weather, which compounds the challenges that emergency managers face in addressing an increasingly complex risk environment. The report highlights how to adapt and forge new partnerships to face those challenges and achieve a more prepared nation.

This year's report provides a data-driven picture of national preparedness and emergency management trends with focused discussions on four core capabilities:

- Fire Management and Suppression.
- Logistics and Supply Chain Management.
- Public Health, Healthcare, and Emergency Medical Services.
- Long-Term Vulnerability Reduction.

This year's report provides concrete recommendations that partners and stakeholders across the whole community can take to increase the nation's resilience.

The K7RA Solar Update

12/22/2024



The Winter Solstice, the shortest day of the year in the Northern Hemisphere occurred at 0327 UTC on December 22. It is the start of summer in the Southern Hemisphere.

Solar activity increased over the last reporting week (December 14-20), with eleven new sunspot groups emerging.

One new sunspot group appeared on December 15, four more on the following day, another on December 17, three more on December 18, and two more in December 19-20.

Average daily sunspot number rose from 110.3 to 137.4, solar flux from 129.8 to 162.7, planetary A index 5.6 to 18.4, and middle latitude A index from 4.6 to 13.7.

The most active day was Sunday, December 17 when the planetary A index was 36, and Alaska's college A index was 88.

The cause was what Spaceweather.com reported as the strongest flare of the current solar cycle, an X2.8 class, and it caused a radio blackout.

Predicted solar flux is 190, 188 and 186 on December 22-24, then 182, 180, 170 and 165 on December 25-28, 145 on December 29-30, 150 on December 31, then 145, 140 and 138 on January 1-3, 2024, then 136 on January 4-5, then 140, 145 and 148 on January 6-8, 145 on January 9-12, then 150, 147, 145, 140, and 138 on January 13-17, 136 on January 18-19, then 140, 145 and 148 on January 20-22, then 145 on January 23-26, then 150, 145, 140 and 138 on January 27-30.

Predicted planetary A index is 5, 12 and 8 on December 22-24, 5 on December 25-29, 8 on December 30-31, then 10 and 8 on January 1-2, 2024, 5 on January 3-7, 10 on January 8-9, 8 on January 10, 5 on January 11-13, 15 on January 14, 12 on January 15-16, and 8 on January 17-19, then 5 on January 20-25, and 8 on January 26-27.

Astronomical winter began in the Northern Hemisphere at the moment of the Winter Solstice: December 22 at 0327 UTC. On this day is the longest night and, of course, the shortest day. The total effect of solar X-ray and ultraviolet radiation on the ionosphere of our hemisphere was thus relatively the smallest of the entire year, and the effects of changes in the solar wind were all the more effective. This is also one of the reasons why, despite relatively high solar activity, the shortwave propagation conditions are worse than we would like and then we expected.

"Over the next six months, the length of the day will increase until the Summer Solstice on June 20. Slowly at first, then faster, fastest around the Spring Equinox on March 20. It is certain that then the propagation conditions will be significantly better than now. It is even possible that the maximum of the eleven-year cycle will occur as early as next year, although it would be better for us if it did not occur until 2025.

Sunspot numbers for December 14 through 20, 2023 were 126, 130, 163, 129, 137, 144, and 133, with a mean of 137.4. 10.7 cm flux was 155.1, 144.3, 149, 154.6, 161.4, 179.3, and 195.3, with a mean of 162.7. Estimated planetary A indices were 16, 12, 14, 36, 28, 12, and 11, with a mean of 18.4. Middle latitude A index was 13, 8, 10, 32, 16, 10, and 7, with a mean of 13.7.

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

Coming Events

Pacifica CERT training begins on January 18th. Contact Breck Hitz (K6CBH) at hitzb@pacificapolice.org if you would like to participate.

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.

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

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.).

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

2024 ARRL National Convention to be at Hamvention

ARRL® and Hamvention® have announced that Hamvention will host the 2024 ARRL National Convention, May 17, 18, and 19 at the Greene County Fairgrounds in Xenia, Ohio. Hamvention is the world's largest annual gathering of radio amateurs and has been sponsored by the Dayton Amateur Radio Association (DARA) since 1952.

Sell / Trade / ???

If you have amateur radio item(s) you'd like to sell/trade/or?, send an email to: kj6ogl@arrl.net

Members Report

If you have local amateur radio news or related you'd like to share, send an email to: kj6ogl@arrl.net.

NET Control Operators Wanted. If you'd like to expand your skills in Emergency Communications, try being a Net Control Operator for the Daly City Net or the CARC Wednesday Night Check-In Net on WA6TOW, send an email to: kj6ogl@arrl.net.

JANUARY PUZZLER

PAUL ATKINS, AI6BB

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

WORDLIST

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| antenna | dregion | nvis |
| audio | encoding | ocf |
| back | eregion | radioteletype |
| beat | field | region |
| birdie | flipflop | ripple |
| breakdown | frame | signal |
| call | frequency | sleeve |
| calling | geomagnetic | square |
| chip | gfcf | ssb |
| common | groundplane | straight |
| crc | hotswitching | swrbridge |
| decibel | integrated | television |
| dielectric | ionizing | tolerance |
| diode | keyed | vertical |
| discharge | lamination | wave |
| display | mismatch | xcvr |

ANSWER TO DECEMBER'S PUZZLER

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

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CARC MEETING/EVENT SCHEDULE

Date	Event
Jan 10 th	Firehouse Meeting - 2023 Agenda Planning
Feb 14 th	Firehouse Meeting - 2023 Agenda Final
Mar 10 th	Daylight Savings Time Starts
Mar 13 th	Firehouse Meeting
Apr 10 th	Pizza Meeting – Round Table Pizza TBD
May 8 th	Firehouse Meeting - Field Day Planning
Jun 12 th	Firehouse Meeting - Final Field Day Planning
Jun 29 th -30 th	Field Day – Oceana HS, Pacifica TBD
Jul 10 th	Firehouse Meeting
Aug 14 th	Firehouse Meeting
Sep 11 th	Firehouse Meeting – Fog Fest Planning
Sep 26 th -27 th	Pacific Coast Fog Fest - Pacifica
Oct 9 th	Firehouse Meeting – 2025 Nomination of Officers
Nov 3 rd	Daylight Savings Time Ends
Nov 16 th	Dinner Meeting & Election of Officers – Nick’s at Rockaway TBD
Dec 11 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 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



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

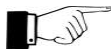
Sunday:

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				
Office	Name	Call	Phone	E-Mail Address
President	Jon Lancelle	N6SJF	(650) 270-5823	n6sjf@knosys.com
Vice President	Paul Atkins	AI6BB	(415) 810-9152	aitbb@arrl.net
Secretary	Tom Oliver	KJ6OGL	(650) 303-6980	toliver0557@gmail.com
Treasurer	Steve Austin	KN6ORM	(415) 420-1199	kn6orm@gmail.com
CLUB STAFF				
Control Officer	Steve Austin	KN6ORM	(415) 420-1199	kn6orm@gmail.com
Trustee of Club Call	Steve Austin	KN6ORM	(415) 420-1199	kn6orm@gmail.com
Station Technician	Michael Herbert	WB6JKV	(650) 355-6541	wb6jkv@pacbell.net
Field Day	Jon Lancelle	N6SJF	(650) 270-5823	n6sjf@knosys.com
Membership	Steve Austin	KN6ORM	(415) 420-1199	kn6orm@gmail.com
Newsletter Editor	Tom Oliver	KJ6OGL	(650) 303-6980	toliver0557@gmail.com
Newsletter Publisher	Paul Atkins	AI6BB	(415) 810-9152	ai6bb@arrl.net
Website	Paul Atkins	AI6BB	(415) 810-9152	ai6bb@arrl.net
Emergency Services				

**MEETING
NOTICE:**



**JANUARY 10, 2024 7:30 PM (FIREHOUSE & ZOOM)
WATCH FOR INVITATION VIA E-MAIL OR CONTACT
CARC_INFO@COASTSIDEARC.ORG TO BE ADDED**

COASTSIDE COMMUNICATOR

EDITOR

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

FIRST CLASS

TO: