



THE COASTSIDE COMMUNICATOR

VOL. 53

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WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN - DECEMBER 2021

As we close in on the Holiday Season and begin to look to the New Year, I can reflect on what an unusual year the Club had in 2021. Again, immersed in a pandemic situation that continued from the previous year, we were not able to have regular meetings or any activities, and as vaccines were approved and distributed throughout the country and the world, we have remained in this pandemic with still-limited contact with people and restrictions for dining, activities, and gatherings. The long hoped for pandemic's end hasn't happened yet, and we can only hope that it will end in 2022! And although the club wasn't able to do any ham-related activities, we did have some members step up and host Zoom meetings and a couple of Pizza dinner meetings. I can only hope that members continue to support the club as they have in the past, and that the newly elected president has a great time next year.

I congratulate our new president-elect, Steve KN6ORM, and also our incumbent officers who will return for another tour-of-duty; Paul Atkins AI6BB, Tom Oliver KJ6OGL, and Frank Erbacher N6FG. Also, the club staff plays an integral part in the day-to-day operations. All of these people ensure that the club has good continuity from year to year and remains successful in its mission. Thank you to all of you!

Our election dinner at Nicks was just wonderful, and I hope that everyone who attended had as great a time there as I did! Thanks to Jon Lancelle N6SJF who put it all together with Frank N6FG, who couldn't attend. And, while we won't be able to have our Holiday Potluck meeting at the Firehouse, we can celebrate the Holidays and the end of the year at RTP Linda Mar on Dec 8th. Bring a dessert, but no food or drinks (by order of RTP.) I look forward to seeing you all there.

And, by the way, I hope that Santa puts a new rig under your tree! Continue on with all of your radio adventures. I like to hear about them on the zooms, and in person, too.

Merry Christmas and Happy New Year!

73's Dave Lawrence KF6TWW.

DECEMBER 8TH HOLIDAY POTLUCK MEETING AT LINDA MAR ROUND TABLE

We are reserved for Wednesday December 8th from 6:30-8:30 at Linda Mar Round Table Pizza in Pacifica. So we will have our Holiday Potluck Meeting after all! Their only restriction is that we can't bring food or drink into the place, but desserts are OK!

NOVEMBER 20, 2021 MEETING MINUTES

Call to Order

The November 20, 2021 meeting was called to order at 6:30pm by: President Dave Lawrence-KF6TWW at Nick's Rockaway Restaurant. Dave said it was good to see everyone and thanked them for attending the Election Dinner.

Self-introductions

Introductions by members and guests in attendance.

Minutes

Motion made by Paul-AI6BB and seconded by Gary-KI6HIG to approve the October minutes as posted in *The Coastside Communicator*. Motion was passed by unanimous vote of the membership present.

TREASURER'S REPORT

Funds – No Report

Membership – No Report

Bills needing approval – No Report

Correspondence – No Report

COMMITTEE REPORTS

CURRENT REPEATER

1. Current status of WA6TOW repeater: Everyone commented on how well the repeater is doing. More kudos to Mike Herbert-WB6JKV for his work on the repeater and antenna.
2. APRS – No Report
3. Emergency Services – No Report

Replacement Repeater

1. Update on Replacement Repeater: Dave-KF6TWW gave a brief history on the new repeater to those in attendance. Relocating the new repeater is temporarily on hold.

NEWSLETTER – Published. President Dave-KF6TWW thanked all who are involved in putting the newsletter together.

WEBSITE – Working. Bob-W6LOG stated he did not get the newsletter and the link was not on the website. Paul-AI6BB will look into the matter.

UNFINISHED BUSINESS

- A. Election of Officers for 2022: Mary Ellen-AJ6J made a motion to accept the roster on the ballot by acclamation as per the By-laws of the Club. Gary-KI6HIG made the second. Motion was passed by unanimous vote of the membership present. Introduction of Officers for 2022 was made for those present. The 2022 CARC Officers are: President: Steve Austin-KN6ORM, Vice-President: Paul Atkins-AI6BB, Secretary: Tom Oliver-KJ6OGL, and Treasurer: Frank Erbacher-N6FG and co-treasurer: Paul Atkins-AI6BB.

New Business

- A. Location of the December meeting needs to be resolved. Since we have not received clearance from the County of San Mateo or Pacifica FD to have in-person meetings at the fire station or in

public places, we do not have a location for our December Holiday Potluck. Dave-KF6TWW mentioned that we could go to Round Table Pizza. No vote taken but those in attendance stated that sounded good. Vickie (with George Fenisey) mentioned the Moose Lodge. Dave will look into the possibility.

- B. President Dave-KF6TWW read a post card from the Daughter's of the American Revolution who are trying to preserve the historic amateur radio station KGEI in Belmont that was built by GE. Gary-KI6HIG had worked there and gave some background information about it. It had a 50-thousand-watt AM transmitter, and the audio output was also 50-thousand watts and operated on two frequencies of 15MHz & 17MHz. The studio and transmitter were in the same building and next door was radio station KNBC, which changed its name to KNBR.

Adjournment

Motion made by Mary Ellen-AJ6J and seconded by Paul-AI6BB to adjourn the meeting at: 7:05p.m.
Meeting adjourned.

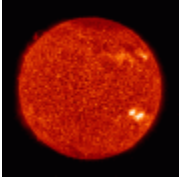
Present at the Meeting

Officers: President: Dave Lawrence-KF6TWW, Vice-President: Paul Atkins-AI6BB, Secretary: Tom Oliver-KJ6OGL and Judie Oliver, Treasurer: Not in attendance

Members: Mary Ellen Scherer-AJ6J and Rick Crump, Jon Lancelle-N6SJF and Julie Lancelle, Dennis Kofka-KN6QER and Jeene Kafka, Bob Barbitta-W6LOG, Carmel Gallagher-KJ6ERS, Walt Long-KG6EDY, Georgia Grant-KE6KRT, Gary Barnes-KI6HIG, George Fenisey-N6GYR and Vickie, Ralph Kugler-KC6YDH, Ron Purser-WB9EGG and guest (name?), Dave Conroy-K6NIA and Lynn, Jillian Anderson-KN6PIV, Steve Austin-KN6ORM

Submitted by: Tom Oliver-KJ6OGL, Secretary

NEWS

**The K7RA Solar Update**

12/03/2021 ~ Tad Cook, K7RA, Seattle, reports: Solar activity was up this week. Average daily sunspot number increased from 26.9 to 46.1, and average daily solar flux was up 10.8 points to 90.9.

Geomagnetic indicators were a little higher. Average daily planetary A index increased from 7.9 to 8.7, and average daily middle latitude A index from 5.4 to 6.3.

I like looking for openings on 10 meters and continue to be surprised by how often I hear nothing (when probing with FT8 and *pskreporter*) but find plentiful openings on 12 meters, indicating the MUF is somewhere between 10 and 12 meters. To help 10-meter observers, I have a CW propagation beacon on 28.2833 MHz, K7RA/b in Seattle. It runs about 10 W into a half-wave dipole at a modest height.

Two new sunspot groups emerged on November 26, one on November 28, and two more on November 30.

On December 1, Spaceweather.com announced a geomagnetic storm watch: "Minor geomagnetic storms are possible on December 3 when a CME might sideswipe Earth's magnetic field. The storm cloud was hurled into space on Nov. 29th by an erupting filament of magnetism in the sun's southern hemisphere. According to NOAA computer models, the bulk of the CME should sail south of our planet with a near miss just as likely as a glancing blow."

At 2340 UTC on December 2, the Australian Space Forecast Centre issued a Geomagnetic Disturbance Warning: "The effects of a coronal hole windstream and coronal mass ejection are expected to increase geomagnetic activity on 03 December.

Conditions are likely to be initially quiet with activity increasing. Active to minor storm levels are expected."

Predicted solar flux for the next month has flux values peaking at 94 on December 27 – 28. The forecast sees values of 86 on December 3; 84 on December 4 – 5; 82 on December 6; 80 on December 7 – 10; 82 on December 11 – 12; 80 on December 13 – 14; 85 on December 15 – 21; 82 and 80 on December 22 – 23; 78 on December 24 – 25; 92 on December 26; 94 on December 27 – 28; 88 on December 29 – January 1, then 85, 82, and 80 on January 2 – 4; 82 on January 5 – 8, and 80 on January 9 – 10.

Predicted planetary A index is 12, 14, 10, and 12 on December 3 – 6; 8 on December 7 – 8; 5 on December 9 – 11; 8, 12 and, 10 on December 12 – 14; 5 on December 15 – 16; then 8 and 10 on December 17 – 18; 5 on December 19 – 25; 8 on December 26; 5 on December 27 – 29; 10 on December 30 – 31; 8 on January 1; 5 on January 2 – 7, and 8, 12, and, 10 on January 8 – 10.

AA6XE wrote:

"We now stand at exactly 2 years since the Cycle 24/25 minimum was recorded, and the most notable attribute of Cycle 25 is its slow climb out. We have seen bursts of activity from the sun where numerous active regions pop up with only

a handful actually developing into numbered sunspot groups. The bulk of the new regions that form quickly decay away. As it stands right now Solar Cycle 25 activity is running a little bit ahead of the same point in Solar Cycle 24. Does this point to a weak Solar Cycle much like we experienced with Solar Cycle 24? It's still too early to say. The first couple of years in any Solar Cycle are never easy to take and Cycle 25 is proving itself no exception. We await 'the breakout,' when solar activity ramps up dramatically.

"A dramatic run-up in solar flux over a period of a few days has little influence on increasing ionospheric MUF. What does have an effect on the ionospheric MUF is an increase in the monthly solar flux average and, more significantly, an increase of the 90-day mean solar flux reading. The dramatic and unanticipated spike in sunspot activity we saw a year ago, November 2020, temporarily boosted the 90-day solar flux average, which had been running in the low 70s at the time, into the low 80s in the ensuing 60 days. It became quickly apparent the November 2020 event was an outlier, and the 90-day solar flux subsequently slipped back to the mid-70s by mid-April 2021. Since that time the 90-day solar flux average has been rising steadily, albeit slowly. As long as those figures continue to steadily chug uphill, the MUF will continue to rise. The 90-day solar flux average as it stands presently is in the upper 80s. The 90-day solar flux mean will be in the low 90s by the end of December if Solar Activity resumes the pace of growth we saw early in the fall. The solar breakout predicted by folks at the National Center for Atmospheric Research (NCAR) has not materialized in time to provide any sort of relief to the winter doldrums we typically experience.

"On the bright side, this winter is shaping up to be one of the best we will see for 160-meter DX in the last several years. Solar activity has picked up just enough to increase ionization at those frequencies with little or no increase in D-Layer absorption, while the Planetary K Index has remained low."

On November 29, N0JK, reported from Kansas:

"There was 6-meter sporadic-E on Thanksgiving. From Kansas I worked WB5TUF (EL29) and NE5U (rare grid EL19) around 0240 UTC November 25 on 50. 313 MHz FT8. N0LL (EM09) worked NR4J (EM60) at 1625 UTC on FT8 on November 25."

From OK1HH:

"Weekly commentary on phenomena in the sun, in the magnetosphere, and in the ionosphere of the Earth: One week ago, I compiled my last weekly forecast of Earth's magnetic field activity. Primarily, my goal was to compile predictions of changes in the ionospheric propagation of decameter waves. Their first users were my friends — radio amateurs. But 45 years ago no one provided available predictions. That's why I gradually learned to compile them myself. Today, actually applicable predictions are available from several sources on a weekly and daily basis, especially in the US, Belgium, Australia, Russia, and, to my delight, also in the Czech Republic. In the meantime, I had long since reached retirement age and planned to finally quit. But I was asked to try to continue, using my experience. Therefore, from now I will try to write comments on current and upcoming development. If

this activity will be found as useful and/or interesting, I will continue. And like 45 years ago, it's an experiment. So here is my first attempt:

Solar activity remains at current levels, and due to the location of solar coronal holes near the central meridian, the influx of faster solar winds can be expected to continue. The irregular daily course of changes in the ionosphere, to which the relatively low or still declining solar activity will contribute, should continue in the next 5 days or so.

In addition, after the CME on November 29, it is still possible for the plasma cloud to arrive late on December 2 or on December 3, but the probability is already low.

After the expected slight increase in solar activity, I expect a more regular course of ionosphere parameters in the second half of December." — F. K. Janda, OK1HH

Email: ok1hh(at)crk.cz, ok1hh(at)rsys.cz; Pmail: OK1HH(at)OK0NAG.#BOH.CZE.EU.

NASA's new solar tour feature starts today:

Sunspot rotation rate history.

Sunspot variations during their decay.

Dynamics of bright features.

Space Weather Woman Tamitha Skov, WX6SWW, posted her latest space weather analysis on December 1.

Sunspot numbers for November 25 – December 1 were 20, 52, 53, 53, 47, 61, and 37, with a mean of 46.1. 10.7 cm flux was 93.6, 92.3, 91.8, 92.2, 89.8, 90, and 86.4, with a mean of 90.9. Estimated planetary A indices were 5, 4, 5, 9, 9, 11, and 18, with a mean of 8.7. Middle latitude A index was 3, 3, 3, 7, 6, 8, and 14, with a mean of 6.3.

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.



IARU Reports Another Over-the-Horizon Radar System is Under Construction in India

12/01/2021 ~ In October, the International Amateur Radio Union (IARU) Region 1 Monitoring System

(IARUMS) newsletter reported on the continuing run of over-the-horizon radar (OTHR) troublemakers that often cause severe interference on amateur radio bands — primarily in IARU Regions 1 and 3 but are audible in the rest of the world. Now, another threat is looming, IARU Region 1 says. IARU Region 1 has cited a report by Alpha Defense India that the Defence Research and Development Organisation (DRDO) premier radar development laboratory is working on an OTHR system to keep a close eye on Chinese movements in the Indian Ocean region. The system design has already

been completed, according to the report. The prototype stage comes next.

According to the report, the radar prototype is to have two different types of radar arrays — a log-periodic wire antenna array and a broadband monopole antenna array. It is believed that the log-periodic antenna array will be used to determine the best maximum usable frequency (MUF), which is known to depend on current conditions in the ionosphere and the sunspot cycle. The monopole antenna will consist of a 32-element array. The actual system will be developed after extensive testing and evaluation, but the report gave no timeline or completion date.

"OTHRs often massively interfere with amateur radio," the IARU Region 1 report said, citing the well-known Russian "Contayner" OTHR, an OTHR at the UK base in the Republic of Cyprus, and others in Iran and China. "They are present daily on several frequencies within the exclusive amateur radio HF bands," IARU Region 1 said.

The best-known Chinese OTHR — called "Foghorn" because of its distinctive sound — has signals at varying sweep rates that occupy 10 kHz of spectrum. The IARUMS newsletter reported other OTHR's occupying 160 kHz of bandwidth with 10 scan-per-second rates.

"Depending on propagation, some familiar broadcast stations were also audible almost daily in Europe, including Radio Ethiopia on 7110 kHz with an often very strong signal," the newsletter also reported.



ARISS-USA Announces New Senior Leadership

11/30/2021 ~ The US segment of Amateur Radio on the International Space Station (ARISS-USA) has augmented its senior leadership team with five new members.

In May 2020, ARISS-USA created a new 501(c)(3) nonprofit charitable organization to enhance and expand ARISS initiatives in the US. ARISS says the new membership will support the variety of new functions and roles within ARISS-USA.

Martin "Marty" Schulman, NV3H, will be Associate Director, working with Executive Director Frank Bauer, KA3HDO, in delegating routine tasks, enhancing perspective, and backing up the executive director as necessary. He will also serve as a member of the ARISS-USA Board of Directors. Schulman has more than 30 years of experience in telecommunications, programming, and computer security, and is an active volunteer with the Sterling Park Amateur Radio Club (SPARC) in Virginia.

Tom Henderson, W9YW, has been named Secretary, with a primary duty of ensuring that the internal matters of the organization run smoothly and efficiently. He will record and keep the minutes of all meetings of the Board of Directors. Henderson will also serve as the custodian of the ARISS-USA minute book and additional books and records as the Board may direct. His background is in IT infrastructure and systems security research. He is currently the president of the Bloomington Amateur Radio Club (BARC) in Indiana.

Jena Dunham, KE0AOA, will serve as Director of Volunteer Resources and be responsible for recruiting, training, and retaining volunteers, which are necessary to ARISS-USA's mission. She will also maintain the volunteer database, manage subscriptions to the mailing lists, and generate policies regarding volunteer conduct. Dunham is an experienced nurse practitioner in Kansas and has served as a volunteer for 4-H (America's largest youth development organization) and the Stormont Vail Hospital system.

Rita DeHart, KC4RMS, has been tapped as Director of Public Engagement. DeHart will be responsible for raising public awareness of the ARISS program. This includes the management of all means of communication with the public. She will also be responsible for managing conference participation. She has 46 years of experience in the electric power industry and is an active member of the Tampa Amateur Radio Club (TARC) in Florida.

Randall "Randy" Berger, WA0D, will be the Director of Engineering and be responsible for planning and executing the development of hardware and software systems that will enhance the primary goals of ARISS-USA, specifically STEAM (science, technology, engineering, the arts, and mathematics) education and backup communication for crew members on human spaceflight vehicles. His scope of engineering involvement will support the efforts of ARISS and includes everything within the engineering purview of ARISS, such as ham radio on the ISS, the Lunar Gateway project, satellite development, and future government and commercial space ventures. Berger is an experienced technology officer and has been involved with amateur radio since the 1970s.

In addition to Executive Director Bauer, the new team members will join Treasurer Carol Jackson and Director of Education Kathy Lamont, KM4TAY. The senior leadership team will also work closely with long-time ARISS-US delegates Rosalie White, K1STO (ARRL), and Dave Taylor, W8AAS (AMSAT).

The Director of Business Development and Director of Operations positions currently remain vacant.



Two 160-Meter Events in December Give Nod to 1921 Transatlantic Tests

12/02/2021 ~ 160-meter operators can revel in two opportunities in December that promise to

fill the airwaves with activity to test skills and stations on that band. The events take place a century after the Transatlantic Tests of the 1920s, which ushered in the dawn of international amateur radio communication.

The annual **ARRL 160-Meter Contest** begins at 2200 UTC on Friday, December 3, and ends at 1559 UTC on Sunday, December 5. This 42-hour CW-only contest is most similar to the original Transatlantic Tests. This contest typically attracts a good crowd and presents a challenge to operator skill and station performance.

The Radio Society of Great Britain (**RSGB**) is planning to activate special call signs to commemorate the centenary of the Tests. Stations from the UK and Crown Dependencies will use up to seven different call signs, each having a "6XX" suffix: G6XX, England; GD6XX, Isle of Man; GI6XX, Northern Ireland; GJ6XX, Jersey; GM6XX, Scotland; GU6XX, Guernsey, and GW6XX, Wales. In addition, listen for UK stations appending the suffix "/2ZE" to the station's call sign. Use of this commemorative suffix has been authorized for use December 1 – 26 by Ofcom, the UK's communications regulator.

On December 12 — and not to be confused with the ARRL 160-Meter Contest — ARRL and the RSGB will jointly sponsoring the **160-Meter Transatlantic Centenary QSO Party**. This 6-hour event will run from 0200 to 0800 UTC. The event coincides with the 100th anniversary of the successful Second Transatlantic Tests. Participating stations will operate only on CW, trying to contact the two official call sign activations, W1AW and GB2ZE. At times the stations may listen for callers 1 kHz above their transmitting frequency, to shift the pile-up from their transmit frequency. They may also periodically ask for DX callers only. The exchange is call sign and signal report. During the QSO Party, ARRL will activate W1AW from Newington, Connecticut. RSGB will activate GB2ZE with help from a team of stations, including members of the GMDX Group of Scotland sharing the operating duties. GB2ZE commemorates the call sign of Paul Godley, 2ZE, who was sent by ARRL to the UK to lead the second Transatlantic Test in December 1921.

W1AW will be active for all 6 hours. Stations operating as GB2ZE will follow this schedule:

- 0200 UTC, from the commemorative station at Ardrossan, Scotland
- 0300 UTC, from GM3YTS.
- 0400 UTC, from GM0GAV.
- 0500 UTC, from MM0ZBH.
- 0600 UTC, from MM0GPZ.
- 0700 UTC, from GM4ZUK until 0800 UTC or until the band closes at sunrise.

The GMDX Group will award a quaich — a traditional Scottish drinking cup representing friendship — to the first stations in North America and the UK to complete contacts with both W1AW and GB2ZE during the QSO Party. A commemorative certificate will be available for download. Participants will not have to submit logs. The official logs from W1AW and GB2ZE will be used to determine the winners and for certificates.

For additional details, visit <http://www.arrl.org/transatlantic> or rsgb.org/main/activity/transatlantic-tests.

DECEMBER PUZZLER

PAUL ATKINS, AI6BB

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

<i>adapters</i>	<i>ferrite</i>	<i>resonance</i>
<i>ampacity</i>	<i>gate</i>	<i>sdr</i>
<i>analyzer</i>	<i>groundrod</i>	<i>shielding</i>
<i>battery</i>	<i>harmful</i>	<i>skip</i>
<i>beam</i>	<i>incremental</i>	<i>smt</i>
<i>bias</i>	<i>interelectrode</i>	<i>sudden</i>
<i>capacitance</i>	<i>itu</i>	<i>tip</i>
<i>characteristic</i>	<i>led</i>	<i>to</i>
<i>coordinator</i>	<i>multipath</i>	<i>tranceiver</i>
<i>decibel</i>	<i>multiplier</i>	<i>twinlead</i>
<i>deflection</i>	<i>ocf</i>	<i>velocity</i>
<i>detector</i>	<i>ohmmeter</i>	<i>vertical</i>
<i>emergency</i>	<i>passive</i>	<i>virtual</i>
<i>envelope</i>	<i>radio</i>	<i>windings</i>
<i>environment</i>	<i>relay</i>	<i>xit</i>
<i>error</i>		<i>yagi</i>

ANSWER TO NOVEMBER'S PUZZLER

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

ASVRO Silicon Valley Electronics Flea Market

Please see the website below for up-to-date information

<http://www.electronicfleamarket.com/schedule>

DATE	EVENT
Jan 13th	Zoom Meeting ~ 2021 Agenda Planning
Feb 10th	Zoom Meeting ~ 2021 Agenda Final
Mar 10th	Zoom Meeting
Mar 14th	Daylight Savings Time Starts
Apr 14th	Zoom Meeting
May 12th	Zoom Meeting ~ Field Day Planning
Jun 9th	Zoom Meeting ~ Final Field Day Planning
Jun 25 th -27th	Field Day ~ Details TBD
Jul 14th	Pizza Dinner Meeting – Linda Mar Round Table 7:00 PM Social 7:30 PM Meeting
Aug 11th	Combined Pizza Dinner/Zoom Meeting – Linda Mar Round Table 7:00 PM Social 7:30 PM Meeting
Sep 9th	Zoom Meeting
Oct 13th	Zoom Meeting, 2022 Officer Slate Presentation
Nov 7th	Daylight Savings Time Ends
Nov 10th	Zoom Social Meeting
Nov 20th	2022 Election Dinner, Nick’s Restaurant
Dec 8th	Potluck Dinner (To be Determined)

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



62 years



of Service

52 years



Affiliation

CARC, P.O. Box 1106, Pacifica, CA 94044



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

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 audiostickerbur.net.

CLUB OFFICERS				
Office	Name	Call	Phone	E-Mail Address
President	Dave Lawrence	KF6TWW	(650) 595-2827	kf6tww@gmail.com
Vice President	Paul Atkins	AI6BB	(415) 810-9152	ai6bb@arrl.net
Secretary	Tom Oliver	KJ6OGL	(640) 488-0704	toliver0557@gmail.com
Treasurer	Frank Erbacher	N6FG	(650) 464-3870	n6fg@arrl.net
CLUB STAFF				
Control Operator	David Rinck	K6DMR	(650) 355-1778	k6dmr@arrl.net
Emergency Services	Frank Erbacher	N6FG	(650) 464-3870	n6fg@arrl.net
Field Day	Frank Erbacher	N6FG	(650) 464-3870	n6fg@arrl.net
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Newsletter Editor	Paul Atkins	AI6BB	(415) 810-9152	ai6bb@arrl.net
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Trustee of Club Call	David Rinck	K6DMR	(650) 355-1778	k6dmr@arrl.net
	Paul Atkins	AI6BB	(415) 810-9152	ai6bb@arrl.net
Website	R. Scott Sutor	KM6SCD		

MEETING NOTICE:



DECEMBER 8, 2021
LINDA MAR ROUNDTABLE 6:30 PM
WATCH FOR INVITATION VIA E-MAIL OR CONTACT
CARC_INFO@COASTSIDEARC.ORG TO BE ADDED.

COASTSIDE COMMUNICATOR

EDITOR
P.O. BOX 1106
PACIFICA, CA 94044

FIRST CLASS

TO: