



THE COASTSIDE COMMUNICATOR

VOL. 52, No. 5

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WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

Here we are in the midst of the Covid19 pandemic, and BIG wildfires are burning throughout California! What else can happen this year? Maybe another drought is looming. Oh, I know, a hotly contested presidential election! And, so many events have been cancelled: Dream Machines, Fog Fest, bike races and marathons. So now let's see about our Ham Radio Club. As you know, radio is immune to the coronavirus; you can get on the air and talk to anybody anytime, and you don't need to meet them. So how is your radio work going? Are you making contacts and QSO'ing? I certainly hope so!

This year our repeater has had its share of troubles, and we are awaiting the efforts of the repeater replacement committee to get the new repeater equipment installed and operating soon. But their efforts have been hampered by the shelter-in-place rules and social distancing requirements of the state and county, and difficulty coordinating with the various members' schedules, so we'll just have to wait for these volunteers to succeed!

Starting last month and continuing through the end of the year, our club will be having virtual meetings in lieu of the regular in-person monthly meetings that we used to hold at the Fire Station, so look for an email invite to join this Zoom event on the 2nd Wednesday of the month at 1930hrs (7:30pm). If you are not a Club member and wish to join, please send an email request to CARC_INFO@CoastsideARC.org. Please note that this year's Election Dinner in November and the Holiday Potluck in December most likely will be cancelled and replaced by the regular Zoom meeting. What else can we do? We'll talk more at this month's Zoom. Hope that you're in!

73's Dave Lawrence, KF6TWW.

AUGUST MEETING MINUTES

Call to Order - The August 12, 2020 meeting was called to order at 7:35pm by: Vice-President Paul Atkins-AI6BB. The meeting was on Zoom, hosted by Jon Lancelle-N6SJF.

Self-introductions - Introductions by members online.

Minutes - No previous minutes to motion to accept.

TREASURER'S REPORT

Funds - Treasurer, Frank Erbacher-N6FG reported no changes since March.

MEMBERSHIP - Same as last reported

Bills needing approval - None

Correspondence - None

COMMITTEE REPORTS

CURRENT REPEATER

1. Ted stated he is having performance issues with the WA6TOW repeater and wasn't sure if he's having problems with his equipment. Casey reported that it probably wasn't his equipment, but degradation of the antenna and the ongoing issues with the repeater. Casey stated that a trip up the hill is required to analyze the situation.

2. **APRS** - No report

3. **Emergency Services** - No report

Replacement Repeater

1. Update on Replacement Repeater: While on the Zoom meeting, Casey sent an email to Roy Brixen-KE6MNJ asking if Casey could pick up the repeater and pieces and bring to Scott Sutor's-KM6SCD for setup and testing. No response as of end-of-meeting.

FIELD DAY - Members Dave Conroy-KM6CPF and Ted Niemira-K6TET stated that they participated in Field Day at home in isolation and some of the idiosyncrasies they endured to make contacts.

FOG FEST - Cancelled for 2020

NEWSLETTER - *At the March 11th CARC Meeting, Dave Rinck-K6DMR stated he would like someone to take over the Newsletter. Discussion was tabled to future meeting with more members. Scott Gillette-KN6GQZ stated that once he gets settled in with the club, he might be able to help with the Newsletter. Since we have not met in person since March, there has not been any further discussion.*

WEBSITE - No report

NET SCRIPT - Web master & VP Paul Atkins-AI6BB sent an email to members on August 3rd with a proposal for updating the Net Script for the duration of the Covid-19 Pandemic. The added script is as follows; **"During the current Corona Virus pandemic, meetings are held via Zoom. If you are not a member and wish to attend via zoom, please contact CARC_INFO@CoastsideARC.org. At the completion of the pandemic, meetings will resume**

at the Linda Mar fire station on Linda Mar Blvd. in Pacifica.” He asked the membership if a vote was required to ratify.

UNFINISHED BUSINESS

A. None

New Business

- A. Discussion on the change to the Net Script: Those in attendance did not see the need for a vote, that the changes that have been made are temporary and acceptable for now. There was some discussion in using the net script to encourage more attendance.
- B. There was general concurrence with continuing the Zoom meetings monthly (until the pandemic risk has been mitigated).
- C. No discussion on the Communicator in any detail.
- D. Paul-AI6BB reported the efforts taken on Yahoo Groups. Paul had sent a letter to Lee Kusick-AG6CB regarding the CoastsideARC Yahoo Group and regaining control. The general feeling was that there was little interest for a groups site within the Club.
- E. Walt Long-KG6EDY mentioned that it was coming time to nominate officers for 2021. Since the President, Dave Lawrence-KF6Tww was not on the Zoom meeting, we could not determine if he is willing to continue with the office of President for 2021. Paul Atkins-AI6BB, Tom Oliver-KJ6OGL & Frank Erbacher-N6FG are willing to hold their respective offices for another year.
- F. There was an extended time period for “group QSO”, discussing various issues of interest to the members present. In considering the need for socialization, I (AI6BB) probably let this go on for too long. In thinking about a general need for socializing, perhaps we should allow for a period of 15-30 minutes in advance of the meeting for meet & greet to take place prior to the meeting.
- G. There was a request that Jon Lancelle-N6SJF could send out the email notice for the monthly Zoom meetings a day prior to the meeting.

Adjournment

Motion made by Paul Atkins, AI6BB and seconded by Walt Long to adjourn the meeting at 8:50p.m. Meeting adjourned.

Present at the Meeting

Officers: President: Vice-President: Paul Atkins-AI6BB, Secretary: Tom Oliver-KJ6OGL, Treasurer: Frank Erbacher-N6FG

Members: Dave Conroy-KM6CPF, Pete Wanger-WA6ECH, Walt Long-KG6EDY, Gary Barnes-KI6HIG, Ken Restivo-N6KAR, Georgia Grant-KE6KRT, Jon Lancelle-N6SJF (Zoom Host), Ted Niemira-K6TET, Casey Villyard-N6TZE, Ralph Kugler-KC6YDH

Submitted by: Tom Oliver-KJ6OGL, Secretary

NEWS

DAVE RINCK RETIRES FROM PUBLISHING CARC NEWSLETTER

I would like to take this opportunity to THANK Dave K6DMR for his long-term contribution to the CARC. He has been our newsletter editor and publisher for the past 15 years; faithfully and entertainingly not missing an issue all that time until this past April when we suspended club meetings indefinitely. As we are now going to begin publishing the newsletter again with Paul Atkins AI6BB and Scott Gillette KN6GQZ editing concurrently with the start this month of our Zoom meetings, I will certainly miss working with Dave as editor, but I hope his life becomes so much simpler without this task. Please be assured that your efforts were much appreciated! Thank You, Dave!!

-----Dave L. KF6TWW

PACIFICON CANCELLED

After a long and careful consideration of many circumstances concerning holding a virtual Pacificon for 2020, the Committee has determined that we would not be able to even approach our standard of quality in a virtual setting. So Pacificon is canceled for 2020, both in-person and virtual.

Although Pacificon 2020 will not be held, we believe that the pandemic restrictions will be behind us well before Pacificon 2021 arrives, so we'll be working to make it as special as we can. Mark your calendars now for Friday through Sunday, October 15-17, 2021 at the San Ramon Marriott Hotel. We'll see you there in person and anxious for all the latest information and gadgets.

--- Courtesy MDARC

ARRL UPDATE

QSO Today Virtual Ham Expo to Become Twice-Yearly Event

The QSO Today Virtual Ham Expo over the August 8 – 9 weekend appears to have been an unmitigated success, so much so that another virtual event will be held next March.

“It was far better than we expected,” Virtual Ham Expo chair Eric Guth, 4Z1UG/WA6IGR, told ARRL. “We had over 26,000 registered and over 14,000 on the platform both days.”

Guth said event sponsors and exhibitors that he’s heard from so far “are thrilled with the turnout, engagement, and responses that they received.” He said they’re also enthusiastic about the second QSO Today Virtual Ham Expo, set for March 13 – 14, 2021. “Our plan is to offer this twice a year,” Guth added.

The show, an ARRL-sanctioned event, was developed on the vFairs virtual conference platform, and cleverly re-created the atmosphere of a typical large hamfest, with several tracks of forum sessions on a wide array of topics. Those who had registered but did not log into the live event can see it all on demand until September 9.

“All of the services, except the chat, are running,” Guth noted. “The doors are still open.”

Dozens of video presentations are available to replay, including the keynote given by ARRL Maxim Society Member Dr. Scott Wright, K0MD, "COVID-19: Amateur Radio's Impact on Problem Solving to Create a Global Response to the Pandemic." Presentations from other ARRL member-volunteers span technical and operating interests, including "Everything you need to know about Lithium Batteries" with Marcel Stieber, AI6MS, and an introduction to creating Arduino-based projects for home and ham radio, with Glen Popiel, KW5GP. Presentations highlighting young ham involvement and development include "Youth in Ham Radio," moderated by Carole Perry, WB2MGP, with six youth presenters.

Guth said a poll would be sent to determine what visitors enjoyed most. "However, my guess will be that the speakers were fantastic, along with the moderators for the live Q&A afterwards," he said. Exhibitors will also be polled for their post-show impressions.

Icom, a principal sponsor of the event, had team members from around the globe staff their exhibits. Icom America Senior Sales Manager Ray Novak, N9JA, said the event supported their new product launches including Icom's new IC-705 HF – 430 MHz all-mode 10-W transceiver, which just received FCC certification.

"We really enjoyed the virtual event," said Novak. "It is our goal to see this grow and to have hams from the various countries attend in anticipation of this becoming a multilingual event as we all are starving for ham radio events during this pandemic."

Kevin Zanjani, KI6DHQ, of Bioenno Power, also gave the virtual event high marks. The show, he said, "was quite exciting and a great platform to interact with customers and the entire ham radio community during these times." Bioenno Power, based in Southern California, is a provider of Lithium-Polymer (LiPo) batteries and solar-power devices. Zanjani said the chatroom was very effective to engage with customers. "Many also dropped by to say hello as well, so we found that nice."

Product Development Manager Bob Inderbitzen, NQ1R, was among the ARRL representatives engaging with event attendees using text and video chat. He described the experience as having some similarities and some difference from an in-person convention.

"Our team answered questions about ARRL membership programs and services, amateur radio licensing, and even had some fun challenging visitors to our booth with ham radio trivia," he said. Physically located at ARRL Headquarters in Newington, Connecticut, Inderbitzen treated more than 500 visitors to live, online tours from inside Hiram Maxim Memorial Station W1AW.

"It was fun to see a screen full of smiling faces, and to answer questions in real time. The experience had an on-air feel. I should have kept track of all of the US states and countries I connected with," he said. A short welcome video greeted visitors at the ARRL booth.

Guth said the organizers' challenge going forward is to reduce the workflow in putting the show together. "But all in all, it was a lot of work, I have a great team, the volunteer speakers and moderators were out of this world, and I am grateful to our sponsors and exhibitors for footing the bill," he added.

Guth said that the main complaint he heard about was the show's use of a leaderboard for awarding prizes. "We used it

because the sponsors and exhibitors paid for their booths and donated the prizes," he said. "The Leaderboard rewarded those who visited exhibitors, chatted with them, watched their videos, and downloaded their documents."

"We will evaluate other games for March that also increase engagement," he added.

IARU Announces HF Digital Mode Band Plan Review

An International Amateur Radio Union (IARU) working group has been formed to develop solutions to reduce congestion within very popular mode segments while preventing mutual interference between "incompatible modes" as much as possible. The working group includes representatives of the three regional band-planning committees, marking the first time the IARU three regions have joined together to directly coordinate band planning efforts.

"Because frequency allocations and amateur radio operating interests vary in different parts of the world, the development of band plans — voluntary guidelines on the use of the spectrum that is available to radio amateurs — is a responsibility of the three IARU regional organizations," the IARU explained in announcing the working group. "Each of the three regions has a band-planning committee to focus on this work."

The IARU says this approach to band planning has generally kept pace with the evolution of amateur radio operating, but the explosive growth in HF digital modes, particularly FT8, has led to perceived overcrowding of HF digital-mode band segments.

The new working group has already had fruitful discussions with the WSJT Development Group led by Joe Taylor, K1JT. Additional discussions, including with other HF stakeholders, will be held as part of a fundamental review of the different HF digital modes, and how they can be best categorized and arranged to share the limited spectrum available.

In recent years, moves have been made to bring the regional band plans into alignment wherever possible. Final approval of any band plan revisions typically occurs during regional conferences of IARU member-societies, held every 3 years on a rotating basis.

While the proposed band plan revisions will have to be approved by member-societies in each region, recent administrative changes mean that revisions can be implemented without having to wait for the regional conferences.

Amateurs can follow the working group's progress through their IARU member-societies and their respective **IARU websites** (all are accessible via the main IARU page).

ARRL Hires Paul Z. Gilbert, KE5ZW, as Director of Emergency Management

As another step in ARRL's increased focus on strengthening its emergency communications capabilities and long-standing working relationships with federal and state agencies and private emergency response organizations, ARRL has hired Paul Z. Gilbert, KE5ZW, of Cedar Park, Texas, as its first Director of Emergency Management.

Gilbert brings more than 30 years of experience in public service in both his professional and amateur radio endeavors.

Beginning with his appointment as Emergency Coordinator in 1987, he has held multiple positions in the ARRL Field Organization. Currently in his second term as South Texas Section Manager, he has also served for more than a decade as the West Gulf Division's Assistant Director for Public Service, acting as liaison between Division leadership and local, state, and federal emergency management organizations.

Professionally, Gilbert most recently was Radio Officer, HQ Staff, for the Texas State Guard, where for the past 6 years he has been responsible for planning and implementation of the organization's communications capabilities. Previously he was a Public Safety Radio Coordinator for a Texas agency, charged with overseeing that organization's large-scale disaster communications response and identifying and eliminating in-state interoperability issues.

Gilbert, who has an Amateur Extra-class license, is a member of Army MARS, and holds numerous DHS certifications, including COML, COMT, COMT Instructor, and AUXCOM Communicator. He is a member of the FEMA Regional Emergency Communications Coordination Working Group (RECCWG), a graduate of the FEMA Emergency Management Institute's Exercise Design Course, and was a founding member of the Texas Division of Emergency Management Communications Coordination Group.

In his new role, Gilbert will manage a team responsible for supporting ARRL Emergency Communications (EmComm) programs and services, including the Amateur Radio Emergency Service® (ARES®) and National Traffic System (NTS), as well as lead the continued modernization of those programs in consonance with the future emergency communications needs of the public and ARRL's key

Arecibo Observatory Reflector Dish Damaged after Cable Snaps

An auxiliary cable that helps to support a metal platform above the Arecibo Observatory radio telescope's reflector dish in Puerto Rico snapped in the early morning hours of August 10, causing a 100-foot gash in the reflector dish. Operations at the world-famous observatory, managed by the University of Central Florida (UCF) have been halted until repairs can be made. When the 3-inch cable fell, it also damaged about a half-dozen panels in the Gregorian Dome above the dish and twisted the platform used to access the dome. The cause of the cable break is not yet clear.

"We have a team of experts assessing the situation," observatory director Francisco Cordova said. "Our focus is assuring the safety of our staff, protecting the facilities and equipment, and restoring the facility to full operations as soon as possible, so it can continue to assist scientists around the world."

UCF manages the National Science Foundation (NSF) facility under a cooperative agreement with Universidad Ana G. Méndez and Yang Enterprises Inc. Home to one of the most powerful telescopes on the planet, the facility is used by scientists around the world to conduct research in the areas of atmospheric sciences, planetary sciences, radio astronomy, and radar astronomy. Arecibo is also home to a team that runs the Planetary Radar Project supported by NASA's Near-Earth Object Observations Program in NASA's Planetary Defense Coordination Office, through a grant awarded to UCF.

The facility has endured many hurricanes, tropical storms, and earthquakes since it was built 50 years ago. Repairs from Hurricane Maria in 2017 are ongoing. Through it all, the facility has continued to contribute to significant breakthroughs in space research in the area of gravitational waves, asteroid characterization, planetary exploration, and more.

The largest single-dish radio telescope in the world for decades, Arecibo was bumped into second place in 2016 by the Five hundred-meter Aperture Spherical Telescope (FAST) in China.

The Arecibo Observatory Radio Club operates KP4AO at the site, mostly on special occasions. — *Thanks to UCF and other sources*

AMATEUR RADIO HISTORY

THE WAYBACK MACHINE

by Bill Continelli - W2XOYI

Cairo, Egypt, 1938. In the pre war time of Colonial Empires, this conjures up an image of Europeans in white linen suits sitting on the veranda of a luxuriously decadent Colonial Hotel, oppressive ceiling fans, dark, mysterious strangers, Peter Lorie & Sidney Greenstreet. However, for amateurs, Cairo in 1938 meant a setback.

The first International Radiotelegraph Conference was held in Washington D.C. in 1927. Although amateurs lost almost 40% of their allocations, the concept of amateur radio as a legal, international hobby was established. The second Conference was held in Madrid in 1932, and produced no changes in ham radio. Now the third Conference was at hand, but times had changed. Italy, Germany, and Spain were under Fascist Dictatorships, Stalin was directing a ruthless purge in the Soviet Union, and Japan was at war with China. The shortwaves were filled with propaganda broadcasts and military communications. Under this cloud of uncertainty, delegates from 71 countries assembled in Cairo on February 1, 1938. How would amateur radio be treated under these circumstances?

Actually, American hams came out of the battle with no major losses. Despite the number of Dictatorships at the Conference, there was no attempt to destroy amateur radio, which, after all, allowed individual citizens access to receivers and transmitters. The most serious threat came from Japan, which proposed that amateurs be limited to 50 watts input. The Japanese Plan was easily defeated. The ARRL had pushed for expanded HF bands, but the American Delegation, mindful of the potential hostility at the Conference, did not propose it.

The headlines in the July 1938 issue of QST summed up Cairo: "American Amateurs retain all frequencies after a terrific fight", "USA puts up splendid defense", "European Hams short changed by Greedy Governments", and, "European Broadcasting to invade 7 mc Band in late 1939". In Europe, the 7200--7300 kc segment of the 40 meter band would be shared with Broadcasters, starting September 1, 1939. They also lost half of the 80 meter band to broadcasting and other services, and the European 5 meter band was scaled back to make way for television. However, it could have been a lot worse. The next International Conference was set for Rome in 1942. It never took place.

In other 1938 news, the amateur population was stabilized at 50,000, after years of growth. This was partly due to the increase in the code speed, from 10 to 13 wpm in 1937. With

regenerative receivers and crystal controlled transmitters (which meant that two stations having a QSO would probably be on two separate frequencies), many hams felt that 50,000 was the saturation point for our bands.

On October 4, 1938, the FCC issued complete new amateur regulations. Included in the package were two new ham bands at 112 and 224 mc. What could hams do up there? Try amateur television. An all electronic form of television was replacing the mechanical "spinning disc", and QST carried several articles discussing the theory and construction of an amateur TV station. W6XAO was an experimental TV station in LA, which would soon be followed by other TV pioneers such as W2XBS. (Where have I heard that call before?).

On September 2, 1938, the new Maxim Memorial Station, W1AW, was dedicated at 225 Main Street in Newington, Ct.. The Station was in memory of Hiram Percy Maxim, the Founder and first President of the ARRL, who died in February 1936. Less than one month after Maxim's death, floods roared through the Connecticut River valley, and destroyed W1MK, which had been the League's Station. Later in 1936, the ARRL Board of Directors allocated \$18,000 to build a Memorial Station to honor W1AW, as well as to replace W1MK. The station would stand alone on Main St., in Newington, until joined in 1963 by the ARRL/QST Offices, which moved from West Hartford.

On September 13, 1938, Ross Hull, Editor of QST, died after being electrocuted in his home. He had been working on a homebrew TV receiver. Ross was a native of Australia and held the call 3JU while living "down under". He did not hold a U.S. license because his citizenship application was not finalized. Despite his lack of American Amateur privileges, Ross Hull was instrumental in early VHF/UHF developments. He designed practical and inexpensive 5 meter stations, and greatly contributed to the knowledge of VHF/UHF propagation. His death dramatically pointed out the dangers of working on live circuits and, for months thereafter, QST ran articles on how to "switch to safety".

No discussion of 1938 would be complete without including the Great Hurricane. In the fourth week of September, New England and Long Island, already soaked by previous rainstorms, were pounded by the unnamed Hurricane, which was completely unexpected. Over 600 people died, and damage was \$500 million in 1938 dollars. The new W1AW Memorial Station, just 3 weeks old, survived without any damage, although power was lost for 36 hours. Hundreds of amateurs grabbed whatever generators and batteries they could find, and set up emergency stations on 5 meters AM, and 160, 80 and 40 cw. Amateurs were the only source of communication for dozens of communities and handled everything from health and welfare traffic to police communications. It was a superb demonstration of public service at its best.

In our next installment, we will look at amateur radio in WWII. Yes, amateurs were off the air. But what did they do, if they weren't in uniform? What filled the pages of QST? And what was this "WERS"? Join me as the "Wayback Machine" seeks the truth.

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NAME THAT RIG!
SWAN 100 MX

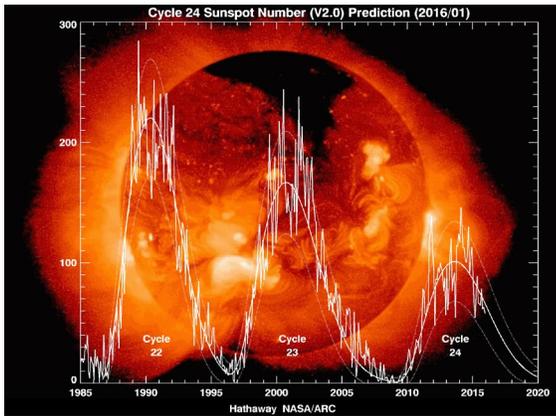


CARC HAM RADIO PUZZLER
PAUL ATKINS, AI6BB

KHEOCERAMI CNMOSVYSFC
XTREGENERATI VEAPGGNC
TRI WMGTRANSFORMERMJU
I DOLDI GI TALTOANALOGR
UZBROTAREPOLORTNOCI R
CPFQKI QYTRANSI STORME
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AAABEMWREAKJLOPGFRAU
MCEAMCVFCJSWRGSMFORD
EKPTORAEKOOBGOLFI MTN
HMESRSROGWJROT CAPSUO
CURAYPEUHTGNELEVAWEC
SSPARKGAPELUDEHCSKNM

Words		
ceramic	impedance	safety
circuit	linear	schedule
clock	logbook	schematic
conductor	magnet	sparkgap
controloperator	memory	stability
current	morsecode	transformer
digitaltoanalog	neutral	transistor
fieldday	pactor	transmitter
hamshack	precaution	wavelength
hertz	regenerative	yagi
ifamplifier	repeater	
ifilter	rotator	

SOLAR UPDATE



Tad Cook, K7RA, Seattle, reports: Finally, sunspots have returned! Two sunspots now are visible, both from new Solar Cycle 25. The daily sunspot number was 11 for July 21-27, rising to 22 for July 28-30.

Recently, we have noticed an improvement in propagation due to seasonal sporadic-E activity.

Average daily sunspot numbers rose from 3.1 to 14.1 this week, and average daily solar flux edged up from 69.1 to 71.1.

Total sunspot area covered 80 millionths of the solar disc on July 21, 120 millionths on July 22-26, and the coverage on the following 4 days was 70, 50, 85 and 110.

Geomagnetic indicators were a bit more active, with average daily planetary A index rising from 3.9 to 6.7, while average daily mid-latitude indicators rose from 4.3 to 8.7.

Predicted solar flux is 72 on July 31 – August 2, 70 on August 3 – 7, 68 on August 8 – 22, 69 on August 23 – 28, and 68 on August 29 – September 13.

Predicted planetary A index is 5 on July 31, then 8 and 10 on August 1 – 2, 5 on August 3 – 23, 8 on August 24 – 25, and 5 on August 26 – September 13.

K7DWI offers interesting details on his blog about using cheap SDR dongles for studying VHF openings.

Thanks to Howard Lester, N7SO for this article on solar flares:

And thanks to regular contributor David Moore for this article from Science Daily.

Here's the latest from Space Weather Woman Tamitha Skov, WX6SFW.

Her QRZ.com profile was recently updated and expanded.

Sunspot numbers for July 23 – 29, 2020 were 11, 11, 11, 11, 11, 22, and 22, with a mean of 14.1. The 10.7-centimeter flux was 70.3, 69.5, 70.4, 71.4, 71.4, 71.8, and 72.6, with a mean of 71.1. Estimated planetary A indices were 4, 11, 15, 3, 4, 5, and 5, with a mean of 6.7. Middle latitude A index was 4, 13, 27, 3, 5, 5, and 4, with a mean of 8.7.

For more information concerning radio propagation, visit the ARRL Technical Information Service, read "What the Numbers Mean..." and check out K9LA's Propagation Page.

A propagation bulletin archive is available. Monthly charts are no longer be updated on this page. 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.



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

State and county Shelter in Place orders and restrictions on large sustained gatherings are likely to stay in effect through October 2020. In consideration of government orders and the safety of all participants, ASVRO has canceled all the Silicon Valley Electronics Flea Market dates for 2020,

<https://www.electronicfleamarket.com/>

LICENSE EXAMS

Bay Area Educational Amateur Radio Society

All previously scheduled sessions are on hold until we have clearance from public health agencies, and it's safe for our participants.

Web Page: <http://www.baears.com/> for info and registration.

Questions: Ross Peterson (650) 349-5349 or wb6zbu@arrl.net

Silicon Valley Volunteer Examiner Group

Due to the spread of COVID-19 in the Bay Area, and to protective measures mandated by Santa Clara County government, our VE sessions have been temporarily suspended. Please check website for updates

Fee: \$15

Walk-ins only, No pre-registration

Web Page: <http://www.svve.org>

Sunnyvale VEC Exam Sessions

Fee: \$15 Cash

Cut-off-time, 30 min. after starting time.

Exam: changes, directions, call (408) 255-9000 24/hr

Sep. 12, Sunnyvale Exam Session at 10:30 AM Please Bring [Map De Anza park](#)

Fee: \$15

Walk-ins only, No pre-registration

Web Page: <http://www.amateur-radio.org>

CARC MEETING/EVENT SCHEDULE

DATE	EVENT
Jan 8th	2020 Agenda Planning, LM Fire Station
Feb 12th	2020 Agenda Final, LM Fire Station
Mar 8th	Daylight Savings Time Start
Mar 11th	LM Round Table Pizza
Jun 10th	Zoom Meeting
Jul 8th	Zoom Meeting
Aug 12th	Zoom Meeting
Sep 9th	Zoom Meeting
Oct 14th	Zoom Meeting, 2021 Officer Nomination
Nov 1st	Daylight Savings Time Ends
Nov 14th	Zoom Meeting
Dec 9th	Zoom Meeting

? to be determined # updated ---- canceled * tentative dat



www.smcready.org
cert@pacificapolice.org



In Memoriam



Roger G. Spindler-WA6AFT/SK



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.

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

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

61 years



of Service

51 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 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	KG6OGL	(640) 488-0704	toliver0577@gmail.com
Treasurer	Frank Erbacher	N6FG	(650) 355-4355	n6fg@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
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Website	Paul Atkins	AI6BB	(415) 810-9152	ai6bb@arrl.net
	R. Scott Sutor	KM6SCD		



SEPTEMBER 9TH
ON-LINE ZOOM MEETING
7:30PM

COASTSIDE COMMUNICATOR

EDITOR
P.O. BOX 1106
PACIFICA, CA 94044

FIRST CLASS

TO:

MEETING
NOTICE:

61 years



of Service