



THE COASTSIDE COMMUNICATOR

VOL. 49, No. 9

SEPTEMBER 2017

WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

Greetings!

Our August meeting adjourned into a Back-To-School Night presentation by Roy Brixen on "Reading a Schematic." I would like to thank Roy on behalf of us all not only for the time and effort put into this particular presentation but for keeping this tradition going. Roy is a gifted teacher and his presentations are always interesting and worthwhile.

Before Roy's presentation, much of our meeting was spent discussing possible ways to recruit new members. I was absent when this topic was introduced at our May meeting, but in the months since that time, a number of ideas have been shared, including, but not limited to, sending postcards to new licensees, updating our Club flyer for handing out at BAEARS ham crams, sending out an introductory letter with copies of our last three newsletters, and advertising on the Nextdoor website.

But if this discussion is to produce results, the time for brainstorming is over. We now need Club members willing to step up and serve on a recruitment committee, evaluating the various ideas proposed and recommending and assisting in carrying out specific actions. As president, I can appoint such a committee, but I first need to know who is willing to serve on such a committee.

Speaking of serving, October is the month we make our nominations for officers. As a heads-up, Ralph Bailey and I will not be submitting our names into candidacy for 2018. If you are willing to serve on an Elections Committee – ferreting out interest and willingness to serve as officers among the membership – please let me know. I would like to appoint an Elections Committee at our September meeting. And, again, speaking of serving – or volunteering – Frank Erbacher is looking for more volunteers to work the Pacifica Fog Fest on the weekend of September 23 and 24. Besides the fact that this activity results in a donation to our Club, it's actually fun. If you've got a few hours to spare that weekend, please contact Frank ASAP so that he can get the schedule set up.

Hope to see you at the next meeting on September 13 when Casey Villyard will be presenting "3-D Printing for \$300 or Less."

73,
Mary Ellen-AJ6J
Club President

◀▶

AUGUST MINUTES

The August 9, 2017 meeting was called to order at 7:30pm by President Mary Ellen Scherer AJ6J at the Linda Mar Fire House in Pacifica.

Self introductions by members followed.

Mary Ellen received a correction to the newsletter from Dave Conroy KM6CPF. He did not bring his Yagi antenna to the last meeting. Finally figured it was Paul Atkins AI6BB that brought his. Motion made by Steve Paganelli K6YUA and seconded by Gary Barnes KI6HIG to approve the July Minutes as corrected. Motion was passed by unanimous vote of the membership present.

TREASURER'S REPORT

No report. Treasurer absent from meeting.

CORRESPONDENCE

None

MEMBERSHIP

No report

COMMITTEE REPORTS

REPEATER

David Rinck-K6DMR reported that other than the repeater being noisy, the repeater is working fine. Dave stated that he has hard-wired the PL "ON" function so there are no issues with the repeater controller.

UPDATE FROM REPEATER REPLACEMENT COMMITTEE

Roy stated that he needs funds for power supply parts. Power Committee approved power plans. Roy passed out block diagram of the power supply system. He stated that the amount will be \$1,284 + shipping. Roy is requesting \$1,500 for the required parts. Bob Barbitta W6LOG made the motion & Dave Rinck- K6DMR seconded to release funds to Roy in the amount of \$1,500. Motion was passed by unanimous vote of the membership present. Ralph asked if there was equipment on the hill that could read problems remotely. Roy stated that the rat infestation has destroyed all documentation and that nobody has the time to reverse engineer the existing special equipment in the bunker. With the new equipment, we will be able to look at some of the functions remotely. There should be a software upgrade by the time we get the equipment. Mary Ellen asked if there was a problem with scanning the diagram and emailing out to people. Tom said he could scan the document to my computer to send attached with minutes. Roy said he would email the parts list to Tom KJ6OGL that can be included.

Next team step is to mate everything together; Casey let Roy know that the control radio is programmed, pinned-out and ready to be picked-up from the vault in Princeton, mounted in shelf with the filter that enables various functions of the 2m/70cm repeaters to be turned on/off remotely. Then the power supply hardware and the controller hardware need to converge on the repeater and more rack space may be required or some methodology of putting everything in their relative locations, build it up and make sure it is relatively bullet-proof and move to its testing location. Gary questioned if Roy had 2m and 70cm antennas for the new repeaters. Roy stated he's not crossed that road yet, but said there should be no problem getting antennas to make it work. The big issue currently is getting the controller and power supply talking back and forth and then hooking up to the 2 repeaters.

AUTO PATCH

No Report

DIGIPEATER

No Report

APRS

No Report

EMERGENCY SERVICES

No Report

FOG FEST

Frank is still requesting volunteers for Fog Fest. Contact Frank. This is our major source of annual (repeater) income.

NEWSLETTER

Published

WEBSITE

No Report

NET SCRIPT

Mary Ellen officially dissolved the Net Script re-write committee, since we adopted the script from AE6DC at last meeting.

UNFINISHED BUSINESS

It was stated in the July minutes that Steve Paganelli K6YUA mentioned there would be a Fox Hunt demo at the September meeting. Tonight he stated he will not be at the September meeting. Roy suggested we that have a practice fox hunt with a transmitter at the September meeting and Steve will have the actual fox hunt in October for all who built their Yagi antennas. Mary Ellen stated that Casey would be doing a 3D Printing demo in September.

Group had discussion on membership recruitment. No real decision was made at last meeting. Mary Ellen suggested that we should get the website updated before pointing prospective new members to the website that has outdated information on it. Roy suggested that prior to updating the website; we develop and implement a plan. There was much discussion, without any real commitment. Roy suggested that we get new hams in Pacifica and surrounding areas and send out a postcard. Mary Ellen stated we could start with looking at the "current" flyer, update if necessary and prep to send out. Walt motioned that we table the matter. Motion was seconded and passed unanimously.

NEW BUSINESS

None

ADJOURNMENT

Motion made by Bob and seconded by Gary to adjourn at 8:18p.m. Meeting adjourned.

Whereupon, a Back-To-School Night presentation on "Reading a Schematic" was given by Roy Brixen.

PRESENT AT THE MEETING

The following Life Member has become a Silent Key:
Roger Spindler-WA6AFT

Officers President: Mary Ellen Scherer AJ6J, Vice-President: Ralph Bailey K6DLZ, Secretary: Tom Oliver KJ6OGL, Treasurer: absent

Members: Gary Barnes-KI6HIG, Chris Icide-W6EZE, David Rinck- K6DMR, Walt Long-KG6EDY, Steve Paganelli K6YUA, Robert Barbitta-W6LOG, Roy Brixen-KE6MNJ, Pete Wanger-WA6ECH, Ken Restivo-N6KAR

Guests: Trish Bailey, Ralph's daughter-in-law.
Submitted by: Tom Oliver-KJ6OGL



NEWS

PACIFIC COAST FOG FEST SEPT. 23RD & 24TH 2017

We again need volunteers to help the Fog Fest organization by acting as radio dispatchers and handling questions. We assign and track their commercial radios. We assist in locating personnel and supplies using those radios. If you have participated before, please consider volunteering again this year.

For first timers who might be a bit nervous about stepping up, an experienced person will be with you for at least a portion of your time ensuring that you are comfortable with the process. We do try to have two persons on each shift so there are breaks and a chance tour the event. Shifts are limited to 2 hours or less if possible.

This is a fun event, and it gives you great experience honing your skills for communicating in emergencies with amateur radio equipment. More information will be forwarded to you once you volunteer.

The CARC receives a portion of the event proceeds which are divided among all the community groups that participate. Our portion is placed into our EOC/Public Service Fund to assist in our public outreach, emergency preparedness, any needs in the Radio Room at the Police EOC, Field Day expenses, repeaters and other needs that exceed CARC's membership and repeater funding.

This is a Win-Win situation so please contact me soon as possible.

Frank Erbacher N6FG N6FG@ARRL.NET

Cell 650-464-3870 Home Message 650-355-4355

DINNER AND ELECTION MEETING NOV. 11 SATURDAY 2017

Reminder: Our annual dinner and election of officers meeting is **Saturday, November 11th**, with a 5:30 PM No Host period and 6:30 PM Dinner. It will again be held at Nick's Restaurant, 100 Rockaway Beach Ave., Pacifica. The entrees are the same as last year with Tax and Tip: Stuffed Chicken - \$38.80, Halibut- \$39.75 or Prime Rib Prime Rib at \$43.75, served with Garlic Bread, vegetables and a baked potato, Coffee and a dessert. A Vegetarian dish is available for \$28.40. Pay the Club for the dinner that day.

ARRL UPDATE

Solar Eclipse QSO Party a Hit, Science Conclusions Await Additional Analysis

The 2017 Solar Eclipse QSO Party (SEQP) is history, and, while logs are still coming in, the preliminary participation numbers look good, according to Nathaniel Frissell, W2NAF, of [HamSCI](#).

"Although the final numbers are not yet in, preliminary reports show that over 670,000 spots were detected by the Reverse Beacon Network (RBN), and over 542,000 spots were reported to [PSKReporter](#) [PSK Automatic Propagation Reporter] during the SEQP," Frissell told ARRL on August 22. "These numbers will increase as data is processed."

Frissell said overall, the event went well, and he heard a lot of on-the-air activity during the 8 hours the SEQP was running.

"It will take some time to get a more scientific analysis of this, but we should have some results by the middle of this semester," said Frissell, who is an associate research professor at the New Jersey Institute of Technology. Frissell and others are investigating whether the sudden absence of sunlight during the eclipse -- and especially of solar ultra-violet and x-rays -- would briefly change the properties of the upper atmosphere.

Despite more than 60 years of research, "open questions remain regarding eclipse-induced ionospheric impacts," Frissell explained in a paper, "HamSCI and the 2017 Total Solar Eclipse," that he'll deliver this year at the ARRL-TAPR Digital Communications Conference (DCC).

He is encouraging anyone who took part in the SEQP to [submit a log](#) by September 30. Once their logs are submitted, SEQP participants will get a PDF Certificate of Participation. Frissell, who was in Gilbertsville, Kentucky, to observe the eclipse, said, "Totality was beautiful."

At Maxim Memorial Station W1AW, the focus was more on keeping on top of any emergency situations that could arise from the thousands of visitors converging along the narrow strip of totality. ARRL Emergency Preparedness Manager Mike Corey, K1IU, and his assistant Ken Bailey, K1FUG, checked into and monitored the SATERN Net on 20 meters. They also monitored the interoperability channel 1 on 60 meters for coordination with federal partners. W1AW Station Manager Joe Carcia, NJ1Q, checked into WL2K nodes on 40 meters for any possible traffic. "Also, during this time, we went outside to look at the eclipse!" Carcia added.

Many Amateur Radio special event stations were also on the air along the path of totality on August 21.

ARRL Update cont.

Veteran Broadcast Listener (BCL) Bill Feidt, NG3K, in Maryland, conducted an informal propagation experiment on the AM broadcast band, listening on 1,070 kHz, which, he reported, "came alive with many signals" at about 1830 UTC. "It was pretty much a jumble," he told ARRL. "But just before 1900 UTC, I was able to identify WNCT in Greenville, North Carolina, which became quite strong and dominant for a few minutes." WNCT's 50 kW daytime signal is aimed away from Maryland.

Elsewhere, using the S-meter on his Panasonic RF-4900 receiver, 88-year-old John S. Erickson of Schenectady, New York, the father of ionospheric researcher Phil Erickson, W1PJE, recorded the signal strength of WWV time signals on 10 and 15 MHz every 10 minutes. His results show that nighttime conditions, where WWV got stronger on 10 MHz and weaker at 15 MHz, occurred before local eclipse passage on long paths. His data is being passed on to HamSCI for analysis.

Elsewhere, an initial analysis of solar eclipse [RF Seismograph](#) measurements by Alex Schwarz, VE7DXW, and his Modulation-Demodulation Software Radio (MDSR) group has suggested that the effect of the brief interruption in solar radiation within an approximately 70-mile-wide strip had minimal overall effect on radio propagation. The Scanning RF Seismograph is a real-time HF propagation monitoring tool.

"The Solar Eclipse RF Seismograph exclusively showed that propagation changes, but not to the extent that folktales report," Schwarz and the MDSR team said in a news release. "During the eclipse, we measured in three locations, and two did not show any changes in the way propagation behaves. On the third station, at an elevation of 900 meters, the 40-meter band came up, but that is not any different from regular 40-meter behavior."

The team believes that increased absorption on the low bands from high solar activity may have been a factor in the measurement's not yielding expected results. "The small band of darkness could not compensate for the thicker D Layer," the MDSR news release said.

Frissell told Schwarz that he'd be "very hesitant to make these conclusions so quickly and based on observations from a single point of reference."

"We know from past experiments that there are significant ionospheric changes resulting from the eclipse. Even from a citizen-science standpoint, many of these changes have been documented. We are hoping to see these effects on a larger scale."



AMATEUR RADIO HISTORY

THE WAYBACK MACHINE

If Arthur Miller, Tennessee Williams, or Eugene O'Neill had been amateur radio operators, one of them certainly would have written a play about the VHF frequency allocation battle of the mid 1940's. For, except for sex, this event had all the elements of great drama--Power, Passion, Politics, Greed, and sudden twists and turns in the plot were the hallmark of this epic battle. It hastened the destruction of probably the greatest man in the history of radio, solidified the stranglehold of another in his quest for total television domination, doomed a viable alternative in the infant television industry, and gave birth to the predecessor of CB radio. Got your attention? Then let's open our Playbills and read the

CAST OF CHARACTERS THE ARRL AND THE 50,000 AMATEUR RADIO OPERATORS--

Prior to World War II, hams were virtually the only major users of the "UHF" spectrum (as the frequencies above 25 Mc were then known). They had the use of the 10 meter band (28-30 Mc) and 5 meters (56-60 Mc) since the late 1920's, as well as a small slice of spectrum at 400 Mc. In the late 1930's, the FCC had allocated two new bands to amateurs--2 1/2 meters (112-116 Mc) and 1 1/4 meters (224-230 Mc). Except for 10 meters, most of the operations on these frequencies were done with very simple equipment. Modulated oscillators and superregenerative receivers were the mainstay of their activities. For those not familiar with this type of equipment, a modulated oscillator was a tube coupled to a tuned circuit directly on the desired frequency which was modulated by another tube. Since crystal control and frequency multiplication were not used, the resulting signal varied in both frequency and amplitude when the oscillator was modulated. The only way to receive such an unstable signal was with a superregenerative receiver. Invented by Major Edwin Armstrong in the early 20's, the "supergenny" was extremely sensitive, but very broadband. It gave off a loud "rushing" noise (like an FM receiver unscquelched). A complete 'phone station of this type could be built with only 3 tubes--an important consideration for the Depression era hams.

Except for limited operation on the 112-116 Mc band in World War II under WERS (War Emergency Radio Service), amateur stations had been silent since December 7, 1941. Now, late in 1944, with the end of the war in sight and new VHF/UHF tubes in production for the War effort, the ARRL was making plans for more bands above 25 Mc.

MAJOR EDWIN H ARMSTRONG--

The unquestioned "Father of Modern Radio", Major Armstrong had experienced several setbacks in the 1920's and 30's, partly because of his secretive nature and uncompromising attitude.

He had delayed in obtaining his original patent on the regenerative detector, and when he did finally apply, he omitted the oscillating properties of the circuit. Lee De Forest challenged Armstrong on this invention by submitting a circuit of his own that he claimed he developed in mid-1912. Armstrong initially won, based on the fact that De Forest's design was basically uncontrolled feedback. When, however, Armstrong flaunted his court victory (by flying a flag with his

WAYBACK MACHINE CONT.

patent number on it where De Forest could see it), and when Armstrong refused to grant De Forest a license to manufacture regenerative receivers, De Forest went back to court--and this time won. In two separate cases, the Supreme Court ruled that De Forest, not Armstrong, was the inventor of regeneration. This was bad enough, but then Armstrong lost another court battle. Although he had invented the superheterodyne receiver while in France in 1918, it was based partly on a crude, barely functional converter designed by a Frenchman. Despite the obvious superiority of Armstrong's design, the courts ruled against him again.

Desperate for a success to reverse these setbacks, Armstrong turned to the idea of FM. At that time, the late 1920's, the concept of FM was known, but it was widely believed that it was impractical, if not impossible. Armstrong, however, proved them wrong, and by 1933-34 had developed an operational, noise free, wideband FM system. He offered it to RCA, which had the first right of refusal. RCA, for reasons we will see in a moment, declined to fully develop FM, and Armstrong turned to GE. In Schenectady, NY, he found an ally in W.R.G. Baker, a GE Vice President, who saw the potential in FM. With GE's help, he continued to develop FM, got the FCC to allocate a slice of the VHF spectrum for FM broadcasting (42-50 Mc), and set up his first FM broadcasting station--W2XMN in Alpine, NJ. With two other pioneer FM stations, W1XPW in Meriden, CT, and W2XOY in Schenectady coming on the air in 1939-1940, the new Yankee Network was up and running. Armstrong was convinced that, once the war ended, FM would completely replace AM as the broadcasting standard, and he wanted a large chunk of VHF frequencies to accommodate it.

BRIGADIER GENERAL DAVID SARNOFF AND RCA--

For the first forty five years of it's corporate life, RCA WAS Sarnoff and vice versa. From his humble beginnings as a telegraph boy and the wireless operator who copied the "Olympic" wireless signals about the doomed "Titanic", he had risen quickly in the Marconi organization, and was with RCA from the start. Sarnoff had watched the progress of his old friend Armstrong as he developed FM. However, he had other plans for RCA. Sarnoff was convinced that television was the future and radio was the past. Throughout the 1930's, he had poured millions of RCA's dollars into an all electronic television system, to replace the crude mechanical "spinning disk" sets that were in the experimental stage. By the late 1930's, he had a viable, all electronic system ready to go. On April 20, 1939, at the New York World's Fair, Sarnoff introduced commercial television to the world, using the slices of VHF spectrum that the FCC had set aside for experimental television.

Sarnoff's interest in the VHF frequencies extended beyond obtaining large allocations for television; he also wanted to minimize the frequencies available for FM broadcast. To him, radio was simply radio, an old technology made obsolete by television. He also realized that the public had a limited amount of disposable income available, and he wanted every spare dollar to be spent on TV sets, not FM radios. Sarnoff saw FM broadcasting as a serious threat to his beloved child, and he wasn't going to allow FM to gobble precious VHF frequencies that he felt rightfully belonged to television.

WILLIAM PALEY AND CBS--

Although only a supporting player in this drama, William Paley and his CBS Network almost changed the course of TV history, and, at one point, had both the FCC and the Supreme Court on their side. Paley, through the genius of Peter Goldmark, one of CBS' top engineers, had developed a working color television system with brilliant, lifelike colors more than a decade before RCA's color system was remotely viable

In 1940, as CBS was looking for a way to get past Sarnoff and RCA's stranglehold of patents on their all electronic black and white system, Peter Goldmark came up with the solution. Going back to the 1920's and the mechanical spinning disk, Goldmark developed a hybrid electronic-mechanical system. Using the spinning disk (which CBS now called the color wheel) with red, blue and green filters, he scanned it with an electron beam. On the receiving end, a similar "color wheel" synchronized to spin at the same speed detected the color signal. On August 28 and September 4, 1940, CBS gave demonstrations of their color TV system to the FCC. The FCC was very impressed with the vivid, sharp clarity of the colors they saw on the screen. By contrast, RCA's color system was an embarrassing flop.

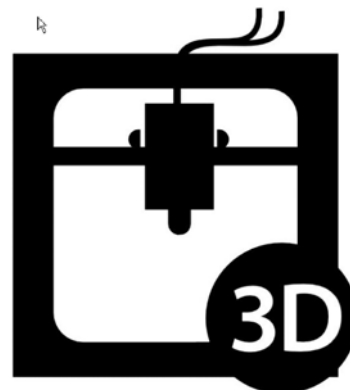
In addition to wanting television to start off directly with color, Goldmark was also convinced that the postwar TV frequency allocations should be on UHF, not VHF. In fact, CBS was so sure that their UHF color system would become the industry standard, that they had no plans to apply for any VHF TV license.

And so, the players in this drama wait in the wings for their cue to come out on the stage. How will they react to the FCC's first VHF allocations proposal, issued in late 1944? Who will live past ACT I? Who will make it to the final curtain call? "The Wayback Machine", with front row seats, will have the answers.

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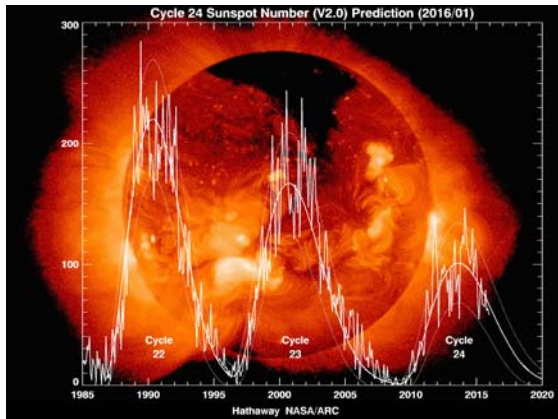


September's Meeting 3-D Printing for \$300 or Less.



Presented by Casey-N6TZE

SOLAR UPDATE



The K7RA Solar Update

Tad Cook, K7RA, Seattle, reports: All solar indicators rose over the August 17-23 reporting week, with the average daily sunspot number increasing from 15.3 to 39.9, and average daily solar flux from 72 to 84.6, compared to the previous 7 days.

Predicted solar flux is 85 on August 24-30; 78 on August 31-September 2; 75 on September 3-7; 80 on September 8; 85 on September 9-14; 88 on September 15-16; 90 on September 17-22; 85 and 80 on September 23-24; 78 on September 25-29, and rising to 85 on October 6-7.

The predicted planetary A index is 14 and 8 on August 24-25; 5 on August 26-29; 10, 24, 18, and 14 on August 30-September 2; 5 on September 3-7; 10 and 8 on September 8-9; 5 on September 10-12; 25 on September 13; 30 on September 14-15; 25, 8, 10, and 6 on September 16-19; 5 on September 20-25; 12, 24, 18, and 14 on September 26-29; 5 on September 30-October 4, and 10 and 8 on October 5-6.

Did you witness the eclipse on Monday? I found a group of my neighbors gathered on the street corner after 1700 UTC, and they had one of those taped-together box arrangements for projecting the image. We were in Seattle, north of the band of darkness that spread over northern Oregon, south of us. Someone drove by with a box full of special eclipse-safe glasses, and they worked very well.

Reports from friends who travelled to Madras, Oregon, reported that in the middle of the totality band, they saw the sky go totally dark, and stars illuminated the sky.

Sunspot numbers for August 17-23 were 30, 41, 33, 44, 43, 48, and 40, with a mean of 39.9. The 10.7-centimeter flux was 76.7, 80, 86.8, 86, 87.1, 90.2, and 85.1, with a mean of 84.6. Estimated planetary A indices were 29, 21, 31, 22, 11, 23, and 25, with a mean of 23.1. Estimated mid-latitude A indices were 20, 20, 23, 21, 13, 16, and 17, with a mean of 18.6.

COMING EVENTS

Pacifica CERT (Community Emergency Response Team) For training and information

<https://pacificacert.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

2nd Saturday of each month from March through October.
De Anza College in Cupertino, CA. 7AM to noon
Web Page: <http://www.electronicfleamarket.com/>
Talk-In: W6ASH 145.27- (100Hz PL)
N6NFI 145.23- (100Hz PL)

LICENSE EXAMS

Bay Area Educational Amateur Radio Society

Offering a one day study session for Technician or General theory, followed by testing. Fee: \$30.00

When: See Website

Where: See Website

Registration required, class size is limited.

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

First and third Saturdays of each month, 8AM-11:00AM.
Saratoga Fire Station 14380 Saratoga Ave, Saratoga, CA
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

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

Sat	Sept 9th	Sunnyvale, CA	10:30	AM
Sat	Sept 16th	Redwood City, CA	10:30	AM



Online Practice Exams

Within the practice tests, online study resources, (Wikipedia, NASA, ARRL, etc.), are provided for many of the questions. The list of resources available for each question is constantly growing because users can add their own favorite links to the study materials. Users can also track their test scores over time and see which sub-elements are giving them the most trouble. Practice Tests <http://copaseticflow.blogspot.com/>

CARC MEETING/EVENT SCHEDULE

Jan 11th	2017 Agenda Planning, LM Fire Station
Feb 8th	Agenda Final, LM Fire Station
Mar 8th	Meeting Night, Pizza Night, LM Round Table
Mar 12th	Daylight Savings Time Begins
Apr 10th	Pixi Wrap-Up Mtg, LM Fire Station
Apr 20th	Silver Dragon CERT Exercise, 0730-1300 hrs
Apr 30th	Dream Machines, El Granada
May 10th	Field Day Planning Mtg, LM Fire Station
Jun 14th	Field Day Planning Mtg, LM Fire Station
Jun 24-25	CARC Field Day, Sweeney Ridge
Jul 12th	Field Day Wrap-Up Mtg, LM Fire Station
Jul 29th	Devils Slide Ride, PARCA Bike Event
Aug 9th	Back to School Night, LM Fire Station
Sept 13th	3-D Printing for \$300 or less, LM Fire Station
Sept 23-24	Pacific Coast Fog Fest, Pacifica
Oct 11th	2018 Officer Nomination , LM Fire Station
Nov 5th	Daylight Saving Time Ends
Nov 11th	Election Dinner, Nick's, Rockaway Beach
Dec 13th	Holiday Potluck Dinner Meeting, LM Fire

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



www.smcready.org
cert@pacificapolice.org



In Memoriam



Roger G. Spindler-WA6AFT/SK



THE COASTSIDE AMATEUR RADIO CLUB

The Coastsides 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 Coastsides 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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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
QCWA Ch. 11 NorCal. Net

Sunday

7:00-7:30 AM on WA6TOW
146.925 MHz, PL 114.8
Knights of the Megahertz Net



**MEETING
NOTICE:**

**SEPT 13TH
LINDA MAR FIRE STATION
PACIFICA
7:30PM**

**SEPTEMBER'S MEETING
3-D PRINTING FOR \$300
OR LESS.
BY CASEY-N6TZE**

CLUB OFFICERS				
Office	Name	Call	Phone	E-Mail Address
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