



THE COASTSIDE COMMUNICATOR

VOL. 50, No. 9

SEPTEMBER 2018

WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

Greetings,

I need to make a correction to a statement I made at the beginning of the August meeting; I stated that Carmel's sister's brother passed away. Wouldn't that also be Carmel's brother? I didn't notice until I replayed the audio recording. I should have said Carmel's sister's husband. My sincere apologies. A sympathy card was passed around and signed by the members in attendance and mailed to Carmel.

Fog Fest will be on September 29th & 30th. Contact Frank-N6FG at N6FG@arrl.net if you'd like to volunteer and let him know your availability so he can put you on the schedule. 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.

It's that time again; at the September meeting we need to see about appointing an Elections Committee. At our October meeting we have nominations of officers. If you are interested in serving on the Elections Committee, please let me know. We are looking for members that are interested and willing to serve as an officer of the club.

We will adjourn the September meeting to Part 2 of Professor Roy's-KE6MNJ Back-to-School Night "DC Power Systems for Amateur Radio". Bring your handouts. I'd like to thank Roy for providing us with these sessions. He takes time from his busy teaching schedule at CSM to provide us with these presentations every year!

Take care & hope to see you at the next meeting!
73...Tom-KJ6OGL



Back to School Night

An Overview of DC Power Systems
for Fixed and Mobile Amateur Radio Installations

AUGUST MINUTES

The August 08, 2018 meeting was called to order at 7:30pm by: President Tom Oliver-KJ6OGL, at the Linda Mar Fire House in Pacifica.

Self introductions by members in attendance followed.

Gary Barnes-KT6HIG stated that there was an error in the "Amateur Radio History – The Wayback Machine". Since this was not a function of the Club and is a reprint, no action was taken. Motion made by Dave Conroy-KM6CPF and seconded by Roy Brixen-KE6MNJ to approve the July minutes as posted in The Coastside Communicator. Motion was passed by unanimous vote of the membership present.

TREASURER'S REPORT

Treasurer, Frank Erbacher-N6FG was absent so no financial report.

BILLS NEEDING APPROVAL

Not at this time.

CORRESPONDENCE

None

MEMBERSHIP

Un-changed; 69 members, 2 non-licensed, 70% ARRL.

COMMITTEE REPORTS

REPEATER

Update on status of WA6TOW repeater from David Rinck-K6DMR: No change. It's working.

Autopatch – Dave Lawrence-KF6TWW brought it in and handed it to Dave Rinck-K6DMR, who in turn will give it to Casey-N6TZE to record Barney's voice. Barney has been in place since 2007-08.

3. Digipeater – No change.

4. APRS – No update since last report.

5. Emergency Services - No report

UPDATE ON REPEATER REPLACEMENT COMMITTEE PROGRESS FROM ROY BRIXEN-KE6MNJ:

Roy stated that he got to experience the tariff war going on between the US & Canada. He purchased a couple of aluminum brackets prior to the tariffs being put in place and purchased 2 more after and they were 20% more expensive. Roy received an email from Casey stating the 440-control radio notch filter has been tuned and will drop it off at the storage location. After a month dealing with Motorola, Roy is now an "acceptable" purchaser of Motorola radio equipment. This was done so we could get a "street legal" copy of the management software. Cost of \$300 for 3-year license. Will need to look into a way to switch ownership over to the Club and setup renewal payment.

FIELD DAY

No Report

FOG FEST

Need volunteers for September 29th & 30th.

NEWSLETTER

Published

WEBSITE

No report

NET SCRIPT

Using approved script.

UNFINISHED BUSINESS

A. Update on US Bank Signature Card – Did not get return call from messages previously left. Went to bank on 8/1 and was able to get signature on file.

B. Date for T-Hunt @ Duarte Gardens – They have now put key access locks on all pathways into the gardens. The qualifying process to be a CCOF (California Certified Organic Farm) is so restrictive that getting access to the property is getting more complicated. He will look into another property that he thinks he might be able to get us on.

C. Mesh Node update – Walt & Chris: Walt stated the fire chief has asked a few more questions and they are researching answers for him..

NEW BUSINESS

A. Richard Lira-KK6PCC expressed his wife's gratitude for the contribution the Club did for the PARCA event. Everyone agreed that it was a fun event and also for a good cause.

B. Ted-AI6YN stated that if anyone has a spare Windows based laptop that they are not using, he might be interested in obtaining it. He acquired an ICOM 7300 and needs a Windows machine to control it. He can be reached at AI6YN@ARRL.net

C. Chris-N6EXE was going through things in preparation for his upcoming move to Washington State and has pulled together the laptop pc's and network gear and gave to Dave Chamberlain-AE6DC who will maintain and manage them for Field Day.

ADJOURNMENT

Motion made by Gary Barnes-KI6HIG and seconded, Pete Wanger-WA6ECH to adjourn the meeting at: 8:02p.m. Meeting adjourned.

Adjourned to: Back-to-School Night – Roy-KE6MNJ – "DC Power Systems for Amateur Radio"

PRESENT AT THE MEETING

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

Officers: - Officers: President: Tom Oliver-KJ6OGL, Vice-President: Bill Lillie-N6BCT, Secretary: Absent, Treasurer: Absent

Members: : : Roy Brixen-KE6MNJ, Ted Niemira-AI6YN, Chris Dant-KM6KDZ, Dave Conroy-KM6CPF, Gary Barnes-KI6HIG, Steve Paganelli-K6YUA, Chris Icade-W6EZE, Pete Wanger-WA6ECH, David Rinck-K6DMR, Walt Long-KG6EDY, Richard Lira-KK6PCC, Justin Schneider-KM6PMV, Dave Lawrence-KF6TWW
Submitted by: Tom Oliver-KJ6OGL, Acting Secretary



NEWS

PACIFIC COAST FOG FEST Sept 29-30th 2018

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 to 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.

Fog Fest cont.

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

ARRL UPDATE**Howard E. Michel, WB2ITX, is New ARRL Chief Executive Officer**

The ARRL Board of Directors has elected Howard E. Michel, WB2ITX, of Dartmouth, Massachusetts, to be ARRL's new Chief Executive Officer. He will start on October 15. Michel (rhymes with "nickel") is currently Chief Technology Officer at UBTECH Education, and Senior Vice President of UBTECH Robotics, a \$5 billion Shenzhen, China, artificial intelligence and robotics company. As the Chief Technology Officer at UBTECH Education, Michel helped build this company from a startup in China to \$100 million in valuation.

"I have Amateur Radio to thank for starting me on a very successful career, and I'm excited about the opportunity to further ARRL's goals as CEO. Leading the League will allow me to 'give back' to a great community and provide a similar opportunity for future generations," Michel said. "I have been a licensed ham for 50 years, and I've seen many changes in the hobby. One of my top priorities as CEO will be to develop new products and services so all hams, whatever their license class or interest, find value in League membership," he added.

Michel was first licensed as WN2ITX when he was about 16 and upgraded to General and Advanced within a year. He earned his Amateur Extra-class license in 2000. "I've operated CW/AM/FM/SSB/digital on 80/40/20/15/10/2, on equipment that I have either built, repaired, or modified," he said.

ARRL President Rick Roderick, K5UR, said, "We are excited to have someone of Howard's qualifications to lead this organization. Howard's management experience, along with his experience at leading a membership-driven association, makes him an ideal person to move this organization forward."

In 2015, Michel served as president and CEO of the Institute of Electrical and Electronics Engineers (IEEE), a volunteer position.

"In any large membership-led organization such as ARRL, its members and volunteers are its greatest asset, and a good staff-volunteer relationship is crucial to its success," Michel

said. "I intend to build on this relationship and multiply and amplify the efforts of both staff and volunteers in furthering ARRL's goals to advance the art, science, and enjoyment of Amateur Radio."

Michel is a retired US Air Force officer, having served as a pilot, satellite launch director, engineer, and engineering manager. During his time in the military, wherever he could set up an antenna, he took the opportunity to operate.

Michel earned his bachelor's degree in electronic engineering from New Jersey Institute of Technology, a master's degree in electronic and computer engineering from the University of Massachusetts, and a master's degree in systems management from the University of Southern California. He holds a PhD in computer science and engineering from Wright State University.

His noteworthy academic background further includes current service as a visiting professor in the Department of Electrical and Electronic Engineering Science at the University of Johannesburg in South Africa. Previously, he was on the faculty of the University of Massachusetts Dartmouth and of the University of Dayton.

Michel says that some of his favorite activities include attending hamfests to find old stuff to repair or repurpose, contest operating, and DXing, especially on 80 and 40 meters. He is a Life Member of the Southeastern Massachusetts Amateur Radio Association.

Michel will succeed Barry J. Shelley, N1VXY, who had been serving as ARRL's CEO since January, following the resignation of Tom Gallagher, NY2RF. Shelley previously served ARRL's Chief Financial Officer since 1992.

An Amazing Recovery: ARISS Packet System Revives

Similar to the AO-7 satellite resurrection several years ago, the Amateur Radio on the International Space Station (ARISS) packet radio system on the International Space Station (ISS) has begun working again. NASA ISS Ham Radio Project Engineer Kenneth Ransom, N5VHO, said over the weekend that reports he'd received indicated that the NA1SS packet signal returned in mid-August.

"No idea how long it will last, given the degrading state of the current hardware. The longer it lasts, the better," he said. Ransom said the revived system will fill the gap until a replacement packet module is flown to the ISS later this year and is installed by the crew on a time-available basis.

The packet signal on 145.825 MHz has been copied in Europe, South America, India, and elsewhere. In another August 25 post, Mark Pisani, KK6OTJ, reported copying the packet system during an 18° pass over southern California and said he worked KB6LTY through the system. "Heard over Patagonia Argentina!" Francisco Rodriguez, LU2WBA, enthused in a post on August 24 at 2323 UTC. "Welcome

arrl update cont

back!" An August 17 post from Marco Antonio, PU2MUS, in Brazil indicated that the system was not active at that time.

Earlier this summer, ARISS hardware team members on the ground reported that they were able to locate a functional duplicate of the ISS packet module that had been in use on the ISS for 17 years before it failed more than a year ago.

ARRIS has expressed hope that the new packet system hardware could be online again by the end of November.

US Coast Guard Warns of LED Lighting Interference to Marine Radios, AIS Reception

The US Coast Guard says it's received reports from crews, ship owners, inspectors, and other mariners regarding poor reception on VHF radiotelephone, digital selective calling (DSC), and automatic identification systems (AIS) when in the vicinity of LED lighting systems. This could include interior and exterior lighting, navigation lights, searchlights, and floodlights found on vessels of all sizes.

"Radio frequency interference caused by these LED lamps [was] found to create potential safety hazards," the Coast Guard said in an August 15 Marine Safety Alert. "For example, the maritime rescue coordination center in one port was unable to contact a ship involved in a traffic separation scheme incident by VHF radio. That ship also experienced very poor AIS reception. Other ships in different ports have experienced degradation of the VHF receivers, including AIS, caused by their LED navigation lights. LED lighting installed near VHF antennas has also shown to compound the reception."

ARRL has determined a wide range of interference-causing potential from consumer lighting devices. "While some are relatively quiet, other devices -- even those that meet the required FCC emissions limits -- can still cause harmful interference," said ARRL Electromagnetic Compatibility Engineer Mike Gruber, W1MG. "My best recommendation is to try LED lights before you buy, especially if there is a possibility that the device will be used while you're operating. Once you have determined that a particular LED device is quiet, then purchase as many as you need from that same store."

Over the past few years, ARRL has provided the FCC with reports of LED and other lighting systems that are not in compliance with FCC regulations. In several instances, these devices greatly exceeded the FCC's emissions limits, in one case by as much as 58 dB, creating as much noise as 650,000 legal devices, Gruber said. "Several recent FCC enforcement actions involving LED manufacturers have been encouraging," he added. "These actions can and will make a difference."

Gruber said ARRL remains committed to working with both the FCC and manufacturers to help facilitate that positive

difference in every possible way. "It is possible for LED and other lighting technologies to coexist with both amateurs and other users of the radio spectrum," he said. Thanks to Captain.com and Frank Smith, WS1MH

AMATEUR RADIO HISTORY

THE WAYBACK MACHINE

by Bill Continelli - W2XOYI

In May of 1970, with the Vietnam War in full swing, the United States invaded Cambodia for the purpose of rooting out the Communists using that country as a base of operations. This led to protests at College campuses across the nation, and the deaths of four students at Kent State University in Ohio. At this point, the demonstrations exploded on virtually every major campus nationwide.

One problem facing the leaders of these protests was how to exchange news and information with their collegiate brothers and sisters on other campuses. The internet was in it's embryonic stage, and available to only the military and a few select universities; network news and wire services were not to be trusted (after all, they were run by people over the age of 30); the mail was too slow, and in a shambles after the recent postal strike; and long distance telephone calls were too expensive for students surviving on part time jobs and Care Packages from their parents. Thus, they turned to an institution that was prevalent at that time on almost every college campus--Amateur Radio. The Student Information Net was born.

The net appeared on 7260 khz and 14.294 Mhz in the 40 and 20 meter bands. Net Controls included K1WGM, at Brandeis University in Waltham, MA, and W2UC, at Union College in Schenectady, NY. At first, the net was used solely for the purpose of gathering and exchanging information as to what was happening on the various campuses nationwide. The net was so good at this, as a matter of fact, that they began to feed news to the wire services and the major networks.

However, the net soon expanded in scope, and that's where the trouble began. Dialog was encouraged among the various participants on the merits of the war, and what type of protests should be used. News bulletins were passed as traffic, to be rebroadcast on the college radio stations. Funds were solicited for the continuation of the student strike activities. Traffic was passed encouraging students to send their draft cards to Washington D.C. for a massive bonfire. A boycott of Coca Cola was discussed, as well as a demonstration to be held at Fort Dix on May 16. W2UC and W3EAX exchanged information on the demonstration at the University of Maryland and the attempt to block U.S. Route 1. W2UC claimed that they were forwarding all information received to a "clearing center", the location of which was not specified.

Then it started--the jamming, the deliberate interference, and the name calling by several unidentified stations. The net continued through the jamming, and operated for about a month--long enough for the U.S. to withdraw from Cambodia, and for the summer break to arrive. But the controversy was just beginning.

arrr update cont

The July, 1970 issue of QST contained an editorial in which the ARRL stated that the use of the amateur bands for heated political discussion was a self imposed taboo in amateur radio. They said that because of amateur radio's international status, what goes out over the air can have negative political consequences for us at future radio conferences. As a result, according to the ARRL, there was no place on the amateur bands for arguing about the Vietnam War, advocating resistance to the draft, and talking about the new and permissive morality. The ARRL also condemned the jammers, stating that "Frontier Justice", vigilantes, and "Joe McCarthyism" had even less place than politics in amateur radio.

The letters from hams poured into QST. By a 2 to 1 ratio, they opposed the use of amateur radio for political purposes. One writer stated the net was a violation of national security and notified his local FBI office. Another stated that the net advocated mass disobedience to the laws of the land. One amateur stated "We must keep politics and jammers off the amateur bands. A political discussion on the amateur frequencies is as inappropriate as a political speech on an air traffic control channel". The ARRL's reference to "McCarthyism" brought a rebuke from an amateur who said that Joe McCarthy was a "great American", who was proven correct in every case. And finally, one letter called the net participants "creeps", and sympathized with those who caused the QRM.

On the other side, supporters of the net were appalled at the deliberate jamming and claimed that the net was non-political, provided accurate information, facilitated good will, and prevented false rumors. Members of the Student Information net claimed that the traffic passed was legal and was eventually carried by the UPI & AP wire services.

Several writers brought up constitutional issues, claiming that the First Amendment gave the net operators the right to do what they did, as well as the right for every amateur to discuss anything, including unpopular causes, on the air. One ham, ex-W6SDW, condemned the anti civil libertarian attitude of the ARRL & a majority of hams, and gave up his license as a protest.

The Student Information Net lasted only one month, but it opened the door to the concept that amateur radio did not exist in a technical vacuum, and that discussions of current political and social events were allowable on the amateur bands. Have we gone too far in the "anything goes" direction? That's up to you to decide. As a postscript, W2UC has recently been reactivated at Union College. If you ever hear it on the air, remember the role it played in amateur radio history 28 years ago.

In our next installment, we are going to jump back in time to the depths of the Great Depression, the early 30's. I hope to see you then.

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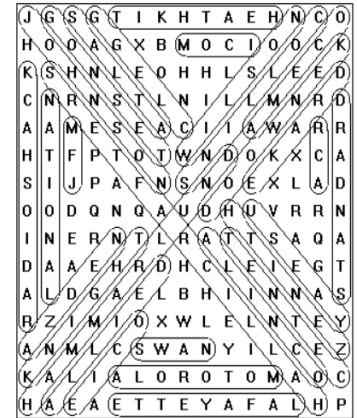


NAME THAT RIG!

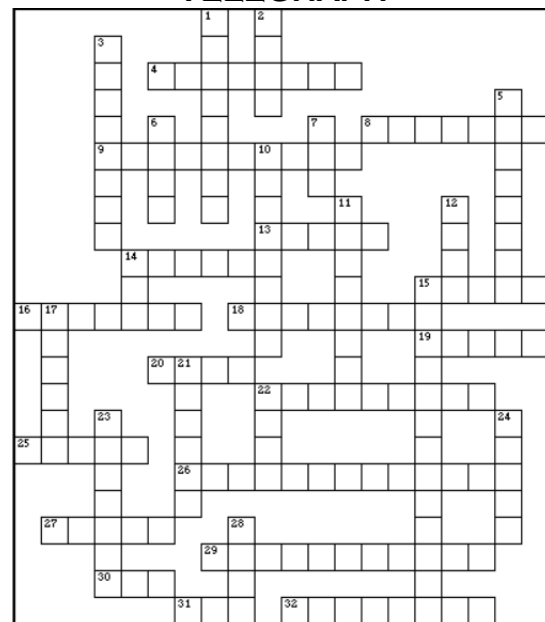
HALLICRAFTERS S 4



CARC PUZZLER
ROB L. DEY, KA2BEO



TELEGRAPH



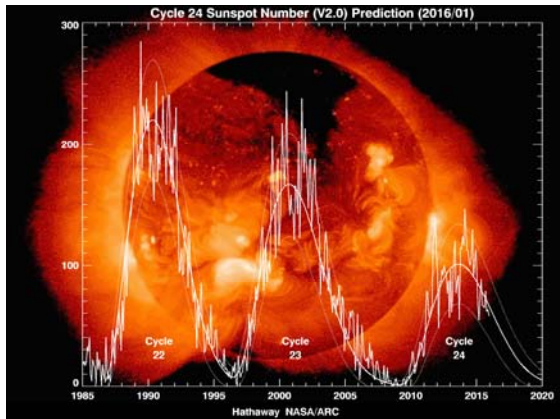
ACROSS

- 4 Not a bent key, but...
- 8 Makes a click-clacking sound.
- 9 A sparkless key.
- 13 A neighborhood sounder
- 14 A modern sounder.
- 15 A key for keying high
- 16 A key that stands to attention.
- 18 Not wireless.
- 19 Samuel F. B.'s last name.
- 20 A CW operator's style.
- 22 A key with a hump.
- 25 An electronic Morse generator.
- 26 World-wide Morse code.
- 27 The rate of sending or receiving telegraphy.
- 29 Domestic Morse code.
- 30 Another name for the smallest of keys.
- 31 Old Samuel's switch.

DOWN

- 1 Radio-telegraphy.
- 2 The other Morse code inventor, Alfred...
- 3 An electrode named after a bird's appendage.
- 5 A printing sounder.
- 6 A type of key, not meant for the foot.
- 7 A distress call.
- 10 The first major business that used telegraph.
- 11 A type of sounder connected to the telegraph line.
- 12 A key with a large knob.
- 14 Short for a semi-auto key.
- 15 The proper name for a speed key
- 17 A keyer's input switch.
- 21 Dual-paddle squeeze keying.
- 22 Morse...
- 23 No legs on this key.
- 24 A device used to control sounders.
- 28 A small telegraph relay

SOLAR UPDATE



Tad Cook, K7RA, Seattle, reports: We just saw 15 straight days with visible sunspots, but it ended on August 29, when the sunspot number fell to zero. According to Spaceweather.com, so far in 2018 we've seen 133 days with no sunspots, compared to 104 days last year. Over the reporting week, the average daily sunspot number rose from 13 to 17.7. Average daily solar flux rose from 67.5 to 70.6, average daily planetary A index from 10.1 to 19.9, and average mid-latitude A index from 10.4 to 13.4.

According to Spaceweather.com, new sunspot group 2720 is the first large spot of Cycle 25, because the magnetic polarity is reversed from the polarity of Cycle 24 sunspots.

Predicted solar flux is 70 on August 30 - September 6; 69 on September 7; 67 on September 8-9; 68 on September 10-11; 69 on September 12; 70 on September 13-22; 69 on September 23-25; 67 and 68 on September 26-27; 67 on September - October 6; 68, 68, and 69 on October 7-9, and 70 on October 10-13.

Predicted planetary A index is 8 on August 30; 5 on August 31 - September 2; 8 on September 3-4; 5, 5, and 8 on September 5-7; 5 on September 8-10; 15 on September 11-12; 12 on September 13-14; 10, 12, and 8 on September 15-17; 5 on September 18-21; 12, 18, 12, 10, 8, and 5 on September 22-27; 8 on September 28-29; 5 on September 30 - October 3; 8 on October 4; 5 on October 5-7; 18, 15, 15, 12, 10, and 10 on October 8-13.

Sunspot numbers for August 23 - 29 were 15, 29, 31, 26, 12, 11, and 0, with a mean of 17.7. The 10.7-centimeter flux was 69.5, 72.4, 71.6, 71.1, 69.6, 69.8, and 70.5, with a mean of 70.6. Estimated planetary A indices were 5, 5, 11, 76, 26, 10, and 6, with a mean of 19.9. Estimated mid-latitude A indices were 5, 7, 12, 34, 20, 9, and 7, with a mean of 13.4.



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

2nd Saturday of each month from March through October.
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: \$35.00

When: Sept 29th

Where: **Fremont Fire Administration
Training Center**
3300 Capitol Avenue
Fremont, CA 94536

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
Sat Sept. 8th Sunnyvale, CA 10:30 AM
Sat Sept. 15th Redwood City
Web Page: <http://www.amateur-radio.org>


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 10th	2018 Agenda Planning, LM Fire Station
Feb 14th	Agenda Final, LM Fire Station
Mar 11th	Daylight Savings Time Begins
Mar 14th	Round Table Pizza LM Meeting
Apr 11th	LM Fire Station
Apr 14th	SMC Simplex Drill
Apr 29th	Dream Machines, El Granada
May 9th	Field Day Planning Mtg, LM Fire Station
Jun 7th	Green Dawn CERT Exercise, 0730-1300 hrs
Jun 13th	Field Day Planning Mtg, LM Fire Station
Jun 23-24	CARC Field Day, Sweeney Ridge
Jun 30th	Devils Slide Ride, PARCA Bike Event
Jul 11th	Field Day Wrap-Up Mtg, LM Fire Station
Jul 21st	Ex-Pac III. Pacifica Emergency Exercise
Aug 8th	Back to School Night 1, LM Fire Station
Sept 12th	Back to School Night 2, LM Fire Station #
Sept 29-30	Pacific Coast Fog Fest, Pacifica
Oct 10th	2019 Officer Nomination , LM Fire Station
Nov 4th	Daylight Saving Time Ends
Nov 10th	Election Dinner, Nick's, Rockaway Beach
Dec 12th	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
 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

CLUB OFFICERS				
Office	Name	Call	Phone	E-Mail Address
President	Tom Oliver	KG6OGL	(650) 488-0704	toliver0557@gmail.com
V. President	Bill Lillie	N6BCT	(650) 726-3630	billn6bct@gmail.com
Secretary	Carmel Gallagher	KJ6ERS	(650) 670-2322	tlcperrn@sbcglobal.net
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
Field Day	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
Membership	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
Newsletter Editor	David Rinck	K6DMR	(650) 355-1778	k6dmr@arrl.net
Newsletter Publisher	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
Station Technician	Michael Herbert	WB6JKV	(650) 355-6541	wb6jkv@pacbell.net
Trustee of Club Call	David Rinck	K6DMR	(650) 355-1778	k6dmr@arrl.net
Website	Scott Mercer	KI6SEJ	-	ki6sej@arrl.net



**MEETING
NOTICE:**

**SEPTEMBER 12TH
LINDA MAR FIRE STATION
PACIFICA
7:30PM**

**SEPTEMBER MEETING
BACK TO SCHOOL NIGHT 2**

COASTSIDE COMMUNICATOR

DAVID RINCK, EDITOR
P.O. BOX 1106
PACIFICA, CA 94044

FIRST CLASS

TO:

