



THE COASTSIDE COMMUNICATOR

VOL. 50, No. 12

DECEMBER 2018

WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

Greetings,

WA6TOW IS BACK ON THE AIR! Thanks to all the people that worked hard to bring the repeater back up on-line once the power was restored. It was definitely a challenge to operate without the repeater. We tried a Simplex test to relay information amongst members in lieu of holding a Wednesday Night Check-In. The only operator I was able to transmit to and receive from was Ralph-KC6YDH. He was able to relay information to and receive information from three other members. This is something we need to look into and test further for possible future outages.

On Saturday, November 10th we had our annual Nomination of Officers Dinner Meeting at Nick's Rockaway Beach Restaurant in Pacifica. Nominations were made, and new officers were elected for 2019. See the Minutes. We held a moment silence for two SK's, Ralph Bailey-K6DLZ and Darryl Cohn-WA6YTD. Prayers to the victims, families, and first responders from the fires in Northern & Southern California.

The December 12th meeting is our annual Holiday Potluck Dinner Meeting. Please join us as there is always plenty of food!

Take care & hope to see you at the next meeting!

73...Tom-KJ6OGL



NOVEMBER MINUTES

The November 10, 2018 meeting was called to order at 6:30pm by: President Tom Oliver-KJ6OGL, at Nick's Rockaway Beach Restaurant in Pacifica. Pacifica.

Held a Moment of Silence for Ralph Bailey – K6DLZ and Darryl Cohn – WA6YTD. Prayers to the victims, families, and first responders from the fires in Northern & Southern California.

Self-introductions by members and spouses in attendance.

Gary Barnes- KI6HIG reported that his name was misspelled in the October minutes.

The President requested a motion to forgo normal meeting reports and go directly to Nomination of Officers. Walt-KG6EDY motioned and Frank-N6FG seconded. Approved by the membership in attendance.

New Business

A. ARRL Pacific Division Leadership Meeting on 12/1/2018 @ 9am. Walt-KG6EDY said he could attend the meeting to represent CARC. B. Election of Officers: The president asked if any of the members in attendance were interested and willing to serve as president for 2019. Walt Long-KG6EDY said he would volunteer for one year. Nominations: President: Walt Long-KG6EDY nominated and seconded. No further nominations; Vice-President: Bill Lillie-N6BCT nominated and seconded. No further nominations; Secretary: Tom Oliver-KJ6OGL nominated and seconded. No further nominations; Treasurer: Frank Erbacher-N6FG nominated and seconded. No further nominations. Nominations Closed. Secretary: Tom-KJ6OGL nominated by Walt-KG6EDY, 2nd by Mary Ellen-AJ6J. No further nominations.

Treasurer: Frank-N6FG nominated by Gary-KI6HIG, 2nd by Mary Ellen-AJ6J. No further nominations.

Motion to close nominations – Paul-AI6BB, 2nd by Gary-KI6HIG. Nominations closed.

Will contact membership to see if anyone may be willing & interested in being President.

PRESENT AT THE MEETING

Officers: President: Tom Oliver-KJ6OGL & Judie Oliver,
 Vice-President: Bill Lillie-N6BCT & Charlotte Lillie,
 Treasurer: Frank Erbacher-N6FG & Barbara Erbacher

Members: Walt Long-KG6EDY, Audrey Villyard-WA2KPS,
 Dave Conroy-KM6CPF & Lynn, Josh Villyard-N6TZF &
 Renee Kimbrough, Mary Ellen Scherer-AJ6J & Rick Crump,
 Casey Villyard-N6TZE, Roy Brixen-KE6MNJ, Fernel
 Andong-KM6UYM, David Rinck-K6DMR, Dave Lawrence-
 KF6TWW & Jacquie Lawrence, Gary Barnes-KI6HIG

Submitted by: Tom Oliver-KJ6OGL, acting secretary.

**NEWS***ARRL UPDATE***New CEO Wants ARRL to Serve All Ages and Amateur Radio Interests**

Newly elected ARRL CEO Howard Michel, WB2ITX, is still on the uphill side of the learning curve as he acquaints himself with ARRL Headquarters and the nearly 90 staffers who work there. The New Jersey native arrived at HQ on October 15 and has spent much of his time since meeting with department managers and others to get his bearings, with an eye toward building consensus and aligning people, programs, and services in the same direction.

New ARRL CEO Howard Michel, WB2ITX (left), meets with ARRL Development Manager Lauren Clarke, KB1YDD. "I'm still trying to understand what is working and where the challenges are," Michel said. "Once I understand where the challenges are, I need to understand why. Before I make any changes in what we're doing, I need to make sure the change is a step in the right direction and for the right reasons, and not kind of a random process."

Michel would like to see ARRL focus on the future of Amateur Radio and not become the redoubt of a particular generation of radio amateur or interest group. He said, "Ham radio shouldn't abandon the old guardians of the hobby, but at the same time, it needs to have new things that appeal to people who have different interests and different passions."

Ham radio appears currently entrenched with opposition often expressed to FT8 and other digital modes and protocols that bend Amateur Radio traditions and conventions, Michel observed. However, as he sees it, technology for the whole of Amateur Radio has been changing, and detractors to advances have always been present. He'd like ARRL to encourage more technological diversity without creating controversy.

"My kick is seeing the technology advance," the former IEEE president and CEO said. "I want to see hams embrace the new technology -- as long as we do that in a way that those who don't adopt the new technology won't feel abandoned." In his view, the real reason behind the continued enthusiasm for CW "is not the technology; it's the legacy."

At the same time, resources should reflect usage and interest, with respect to the spectrum and with respect to how many pages QST devotes to a particular interest area. "Everything should reflect the growth and change, without abandoning the legacy interests."

Acknowledging the incessant push to get more young people into Amateur Radio, Michel wants to explore ways "to morph some of the League's processes and services and products into something that would appeal to the newer generation of hams."

New CEO Howard Michel, WB2ITX, takes W1AW for a spin.

"Young people in general don't join organizations, but they join causes," he said. "With that kind of attitude, how do we develop the same kind of ability for people interested in Amateur Radio to self-organize around causes? And if we can design the infrastructure around that, maybe they'll see value in ARRL and become a new type of member -- not one who necessarily comes to ham club meetings once a month but finds the League can facilitate what they want to do."

Michel said he's always enjoyed tinkering with ham gear, building it, modifying it, and repairing it, and then making it do something new or different. He concedes that while he has not had an opportunity to do much hamming as he's moved around with the military and for academic and business pursuits, he'd like to become more active, and he is presently exploring his options as an apartment dweller. As for FT8, he'd like to try it, if for no other reason than the novelty.

Michel said he definitely wants to encourage partnerships with other organizations with which ARRL might share some common ground, including IEEE.

"We can't do everything ourselves. We have to find partnerships," he said. Some IEEE operating units would be applicable to Amateur Radio, and he's already heard from two unit heads that are both hams.

Michel also feels that radio amateurs need to extend their gaze beyond the everyday nuts and bolts of Amateur Radio operating. "What we need to do is protect the spectrum from competition, develop interest in the various facets of Amateur Radio, and not try to pick fights 'in house,'" he said. "Spectrum is the gold of the 21st century."

ARRL Executive Committee Updated on Regulatory, Governance Issues

The ARRL Executive Committee (EC) met on October 20 in Bloomington, Minnesota. During his opening comments, ARRL President Rick Roderick, K5UR, who chaired the session, said his membership contacts have indicated that strong support exists for the Entry-Level License Enhancement petition to the FCC, as well as for the Volunteer Monitor Program that would supplant the current Official Observers program.

General Counsel Chris Imlay, W3KD, told the EC that the Amateur Radio Parity Act remains alive in Congress as part of the House-passed version of the Financial Services and General Government authorization Act (FSGG). The measure is now before a House-Senate conference committee to resolve differences between the versions passed by each house. Imlay indicated that administrative implementation of the bill's provisions remains on the table should the act not be included in the FSGG authorization bill.

Imlay said that ARRL is awaiting final approval from the FCC of a new Memorandum of Understanding for the Amateur Auxiliary. Discussions are under way with key players planning the rollout and implementation of the Volunteer Monitor program.

The EC was also told that the FCC has yet to reply to ARRL's concerns regarding a recent FCC Enforcement Advisory that addressed the importation and use of non-certified radios, which have been marketed to the general public. ARRL officials recently conferred with FCC officials about the Advisory, expressing concerns about a portion of the notice that called on radio amateurs possessing such radios not to use them. ARRL officials believe there was no valid legal basis for that assertion in the notice. The EC directed Imlay to prepare a "white paper" explaining ARRL's position on the issue to inform members in response to inquiries.

In another FCC matter, ARRL officials met with the chief and staff members of the FCC Wireless Telecommunications Bureau to urge more rapid FCC resolution of a series of long-pending rulemaking proceedings now before the Bureau. Most urgent are the long-delayed "symbol rate" petition (WT Docket 16-239) and the ARRL's Entry-Level License Enhancement petition. The FCC has not yet put the latter petition on public notice for comment.

In other action, the Committee directed the Board's National Broadband Plan Committee to continue monitoring potential threats to the 5.850 - 5.925 GHz, 10 GHz, and 24 GHz bands. Amateur allocations within the so-called "mid-band" spectrum (3.7 - 7.125 GHz) are now under consideration for fixed and mobile broadband allocation.

On the subject of the ARRL Policy on Board Governance and Conduct of Members of the Board of Directors and Vice Directors, the EC considered and extensively discussed two proposed restatements of that policy. The EC adopted a motion to recommend a draft proposal prepared by the committee appointed by the President to the full Board, with a draft prepared by Imlay also presented as an alternative. The Board holds its next regular meeting in January.

The EC also received a status report on the review of Ethics and Elections Guidelines to be presented to the Board in January. The ad hoc committee formed for the purpose will circulate its proposal 60 days in advance of the January Board meeting.

ARRL Says Manufacturers' Wireless Power Transfer for Electric Vehicles Petition is Premature

ARRL is opposing a Petition for Rulemaking (RM-11815) by several vehicle manufacturers that calls on the FCC to "adopt field strength limits in Section 18.305 that will allow higher power wireless charging technologies operating in the 79 – 90 kHz range" to accommodate what the petitioners call "next-generation" wireless power transfer for electric vehicles (WPT-EV). Comments filed on October 29 by ARRL contend that the petition is "woefully incomplete and inadequate" in its analysis of consequent out-of-band emissions from WPT-EV systems in the low- and medium-frequency ranges using upward of 11 kW of power. Given the high power levels, ARRL said harmonic emissions from WPT-EV systems could be appreciable, with the AM Broadcast Band and Amateur Radio as potential interference victims. "Interference potential from intentional radiators requires substantial evaluation," ARRL asserted in its remarks.

The issue of WPT-EV is a World Radio-communication Conference 2019 (WRC-19) agenda item, for which studies are still under way. The Petition "quite obviously prejudges the outcome of WRC-19 Agenda Item 9.1.6," ARRL said, stressing that the Petition is simply premature at this point.

"The Petition is typical [of those that] tout a new application of old technology," ARRL commented. "So as to establish a sense of urgency, the bulk of the Petition is dedicated to establishing a public interest justification for making a rule change now, in order to accommodate the technology."

The Petition seeks a specific field strength limit of 74.4 dB μ A/meter (at a distance of 10 meters), regardless of the charging system's operating environment. That works out to about 2.07 V per meter (at 10 meters) or 126 dB μ V — 126 dB above 1 μ V. The Petition presumes that the optimum internationally harmonized frequency range for WPT-EV is

arrl update cont.

already known to be 79 – 90 kHz and that the optimum field strength to minimize any impact on radio communication services has been established, ARRL commented.

“The problem, however, is that there is nothing in the four corners of the Petition that would justify those assumptions,” ARRL told the FCC. ARRL pointed out that the International Amateur Radio Union (IARU) expressed concerns about the out-of-band interference potential of WPT-EV in April of 2017.

“Quite obviously, the rollout of WPT-EV has profound implications in terms of its ubiquity in future years,” ARRL said in calling on the Commission to deny the petition without prejudice or dismiss it altogether.

“To make a mistake now in ascertaining the potential for interference to radio communications from out-of-band emissions from high-power WPT-EV systems would result in widespread interference, for which there would be no practical, after-the-fact remedy.” ARRL maintained that studies already under way should be permitted to take their course.

“Quite clearly, the petitioners have ‘jumped the gun’ by filing this Petition now,” ARRL concluded.

Filing the Petition jointly were BMW of North America, Ford Motor Company, Nissan of North America, and Toyota of North America, who maintain that “higher power wireless charging will help reduce barriers to consumer acceptance of electric vehicles.”



AMATEUR RADIO HISTORY

THE WAYBACK MACHINE

by *Bill Continelli - W2XOYI*

World War II started on September 1, 1939, when Germany invaded Poland. By May, 1940, Germany had conquered much of Europe, and had her sights on Britain. Although the United States was officially neutral, it was obvious that our sympathies were with the Allies. In addition, it was clear to a few perceptive Americans that we would be drawn into the conflict.

Amateur Radio Operators, like most Americans, began to gear up for War. On June 4, 1940, the FCC issued Order #72, which prohibited amateurs from engaging in foreign communications, or from establishing contact with any or all points outside the continental U.S. and its possessions. The FCC was quite serious about this--they revoked the licenses of several hams who had contact with foreign stations. The "How's DX" column was jokingly referred to as "Where's DX"--so many foreign hams, including our neighbors in Canada, had been off the air since September, 1939.

Throughout 1940 and 1941, the face of amateur radio changed with the darkening war cloud. The War Department sent out a questionnaire to all hams to obtain data on equipment, experience, physical fitness, and availability for service. Columns devoted to the military began to appear, such as "Army-Amateur Radio System Activities", which included the schedule of station WAR on 4025 and 6990 kc. Other columns were "Naval Communication Reserve Notes"; "In the Services", which listed amateurs now in military service; and "USA Calling", which published requests from the Navy, Marines, Army, Army Air Corps, Signal Corps, Merchant Marine, and even the FBI for amateurs proficient as radio operators, electronic specialists, electrical engineers and Communications Officers. In the summer of 1940, the British used the "USA Calling" column to issue an urgent appeal for radio servicemen and amateurs for their Civilian Technical Corps. Up to 25,000 Americans were requested by the British.

Foreign espionage invaded the ham bands in 1940. The FBI, in a successful bid to capture several foreign agents in the U.S., operated a counter-espionage station in the 20 meter band. Using a phony amateur call, the FBI passed over 500 messages to various spies before arresting them.

Amateurs were members of the Defense Communication Board, which met every week to prepare for a military emergency.

Amateurs also made their own preparations for a national emergency. QST ran several editorials urging hams to improve their cw skills. Many articles appeared on "emergency" equipment, such as vibrator power supplies (to supply the B+ voltage for tubes), battery operated radios, and mobile stations. The 2 1/2 meter band (112-116 mc) was chosen as the primary "Civil Defense" band, and every issue of QST had another 2 1/2 meter construction project, including a few "Walkie-Talkies". Civil Defense coordination and participation was urged.

On July 22, 1941 the FCC, in response to the National Emergency, announced that the 3650 to 3950 kc portion of 80

wayback machine cont

meters would be withdrawn from amateur use and reassigned to the military for use in an Aircraft Pilot Training program. Amateurs were given a few months to vacate the band, and preparations were made to move popular 80 meter nets to 160. But before the reassignment was completed in December 1941, Pearl Harbor was attacked.

On December 8, 1941, the FCC issued Order Number 87, which read in part:

Whereas a state of War exists between the United States and the Imperial Japanese government, and the withdrawal from private use of all amateur frequencies is required for the purpose of National Defense; IT IS ORDERED, that except as may hereafter be specifically authorized by the Commission, no person shall engage in any amateur radio operation...and all frequencies heretofore allocated to amateur radio stations under Part 12 of the Rules and Regulations ARE HEREBY WITHDRAWN. All amateur licensees are hereby notified that the Commission has ordered the immediate suspension of all amateur radio operation in the continental U.S., its territories and possessions.

However, the FCC left a small loophole for amateur operation during the war. Amateurs would be allowed to operate for the purpose of National Defense, upon application of a Federal, State, or local official.

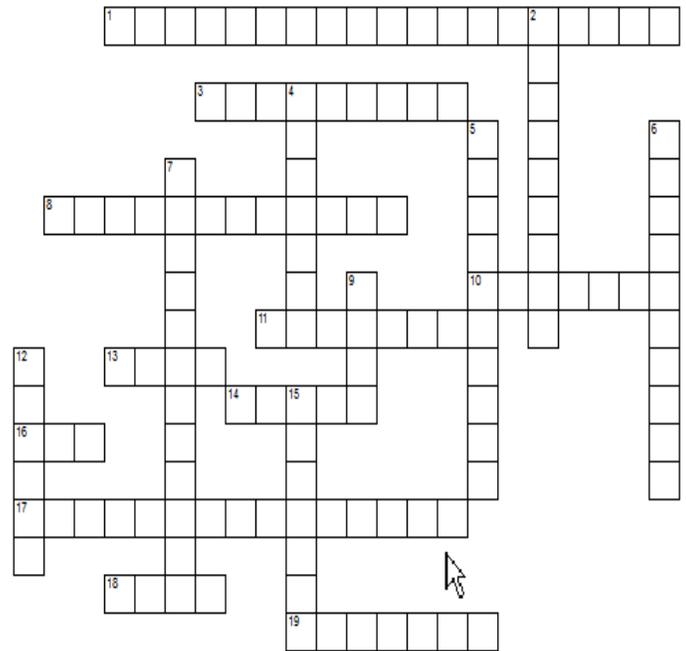
In our next installment, we will look at some amateur operations during WWII. Some will surprise you.

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Happy Holidays

DECEMBER
CARC PUZZLER
Happy Holidays



Across

- 1. Burl Ives christmas song
- 3. Sprite-like winter character
- 8. What's red and glows
- 10. Wooden snow vehicals
- 11. Festival of Lights
- 13. # Candles on a menorah
- 14. Santa's "other" reindeer
- 16. Frozen Water
- 17. Schlumbergera or Zygocactus plant
- 18. Number of penguins at North Pole
- 19. He hates Christmas

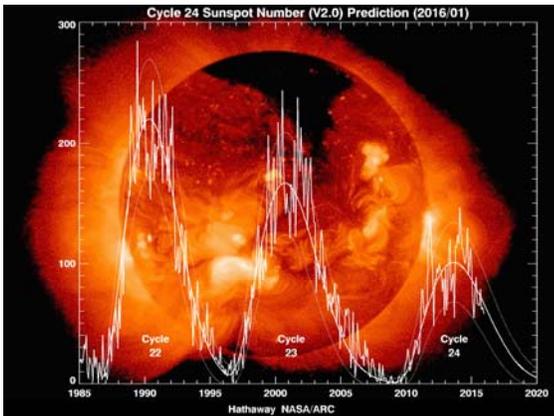
Down

- 2. Make this in the snow
- 4. Celebration of Family, Community and Culture
- 5. Used to move snow
- 6. Euphorbia Pulcherrima
- 7. Father Christmas
- 9. Christmas Season
- 12. He's a mean one
- 15. Hanging spike of ice

NOVEMBER
PUZZLER
ANSWERS

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

SOLAR UPDATE



Tad Cook, K7RA, Seattle, reports: A single sunspot appeared on November 13 - 14, yielding a daily sunspot number of 11 over both days. So, the average daily sunspot number for the November 8 - 14 reporting week was 3.1, after no sunspots during the 7 days.

The average daily solar flux rose from 67.7 to 68.5, the average daily planetary A index declined from 12 to 8.1, and the average mid-latitude A index dipped from 8.1 to 6.3.

There were no sunspots for 26 days -- from October 18 to November 12. Does this place us near the bottom of the sunspot cycle? Perhaps, or somewhere in that direction. Look at sunspot numbers in 2008 and 2009, during the last solar minimum, and note the long periods with no sunspots.

Predicted solar flux over the next 45 days is 68 on November 15 - December 2; 69 on December 3 - 4; 70, 69, and 69 on December 5 - 7; 70 on December 8 - 15; 69 on December 16, and 68 on December 17 - 29.

The predicted planetary A index is 5 on November 15 - 24; 8 on November 25; 5 on November 26 - 30; 15 and 30 on December 1 - 2; 10 on December 3 - 4; 8 on December 5 - 6; 12 on December 7 - 9; 10 and 8 on December 10 - 11; 5 on December 12 - 27, and 15 and 30 on December 28 - 29.

Sunspot numbers for November 8 - 14 were 0, 0, 0, 0, 0, 11, and 11, with a mean of 3.1. The 10.7-centimeter flux was 69.5, 68.9, 69, 69.3, 68.2, 67, and 67.9, with a mean of 68.5. Estimated planetary A indices were 11, 10, 13, 7, 9, 4, and 3, with a mean of 8.1. Estimated mid-latitude A indices were 12, 6, 10, 5, 6, 3, and 2, with a mean of 6.3.

Share your reports and observations.

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: to be announced

Where: to be announced

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



**MEETING
NOTICE:**

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

**HOLIDAY POTLUCK
DINNER**

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

COASTSIDE COMMUNICATOR

DAVID RINCK, EDITOR
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FIRST CLASS

TO:

