



# THE COASTSIDE COMMUNICATOR

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WWW.COASTSIDEARC.ORG

## PRESIDENT'S COLUMN

Greetings! It appears 2017 is presenting us with major challenges. Our TOW repeater has been down twice, necessitating time-consuming trips up the hill to make repairs under pretty unfavorable conditions. (And I'm told Mickey is definitely not a clean fellow!) Hopefully by the time this Newsletter is disseminated, the repeater will be back up and in use. I would like to personally thank Mike Herbert, Dave Rinck, and Casey Villyard for their time (considerable!) and efforts in rendering our repeater operational. Fortunately, there are already plans underway to replace this repeater. With Roy Brixen serving as Repeater Replacement Project Manager, the goal is to complete and install the new repeater by August 1.

Meanwhile, our January 11 meeting was well attended. Besides the repeater, a number of issues were dealt with. It was decided to move our Wednesday night net up to 8 p.m. when it is expected that more of our members and visitors will be available for check-in. This will begin on February 1. I appointed Josh Villyard to chair a committee to work on making our net script shorter and more current. I am also attempting to delegate the roll of net control to the membership. First, it's more interesting to listen to different people in that role; second, it takes a major responsibility off my shoulders. I will continue to serve as net control on the first Wednesday of each month. I will again pass the sign-up sheet around at our February meeting and will then ask to have it posted on our website.

At our February meeting, we will receive updated information on the state of our repeater and continue the process of planning meetings and activities for the year. Hope to see you there.

73,

Mary Ellen-AJ6J  
Club President



THE 2017 MEMBERSHIP FORMS  
ARE NOW AVAILABLE!

RENEW YOUR MEMBERSHIP  
TODAY!

CONTACT FRANK-N6FG

## JANUARY MINUTES

The January 11, 2017 meeting was called to order at 7:30 p.m. by our Club President, Mary Ellen Scherer-AJ6J, at the Linda Mar Fire House in Pacifica. Self-introduction by the members followed.

Approval of November Minutes as Published: Motion made by: Roy Brixen-KE6MNJ and seconded by: Frank Erbacher-N6FG to accept the minutes as published. Motion was passed by unanimous vote of the membership present.

President Mary Ellen-AJ6J read CARC By-Laws, Article III, Section 4 B: *“At the first meeting of the year, with no need for further approval by the membership, the Club may authorize the payment of its on-going expenditures, including, but not limited to, postage and copying for the newsletter, rental of a postal box, reimbursement of gas for trips to check on and/or repair the repeater, and Club Insurance.”* The President asked for a motion to authorize payment for the Club's on-going expenditures: Paul Adkins-AI6BB motioned & Bill Lillie-N6BCT seconded. Motion was passed by unanimous vote of the membership present. KG6EDY, at the Linda Mar Fire House in Pacifica. Self-introduction by the members followed.

Approval of November Minutes Published:  
Corrections or Additions to published Minutes? None. Motion made by Bob-W6LOG and seconded by Cheryl Crofts-KJ6RNK to accept the minutes as published. Motion was passed by unanimous vote of the membership present.

## TREASURER'S REPORT

Treasurer Frank Erbacher-N6FG read the report of the club's financials: \$3,067.70 in the General Fund, \$600 in the Repeater Fund, \$861.41 in the APRS/Digipeater Fund, \$11,265.11 in the EOC/Public Service Fund. These individual fund totals add up to a club total of \$15,795.73.

Another check for \$400 needs to be written to Roy Brixen-KE6MNJ for the balance of the equipment. A check for \$132 was written and mailed to renew the PO Box.

## MEMBERSHIP

Club membership is down one (1) to 66 and ARRL membership is at 71%, above the 50% required.

**COMMUNICATIONS**

The US Bank statement has not been received as of this meeting.

**COMMITTEE REPORTS****REPEATER**

The 2M & 70cm repeaters are down from a power failure (broken wire on a transformer) from last week's storms. Battery back-up lasted 2-3 days. Dave Rinck-K6DMR stated that a repair crew will be up on the hill to make electrical repairs tomorrow (1/12/17). Roy-KE6MNJ, Repeater Replacement Project Manager, said he has picked up the 2M duplexer, 2M isolators and a double set of cables. Roy stated issues are: the antennas; emergency backup power; rats have eaten the documentation that was stored in the cabinets; whether there is any documentation on how everything is wired; programming issues; and licensing software and scheduling. Best guess ETA for completion around August. Have documentation on the repeater, but none on the add-on custom made equipment. Roy commented that there should be commercial equipment available that will meet our requirements with documentation that will connect to the new repeaters instead of custom made ad hoc.

Frank made a motion to have a committee research replacing the controllers and ad-hock hardware replaced with current state-of-art equipment – Withdrawn as this is an action item for the Repeater Replacement Project Manager.

**AUTO-PATCH**

Antenna needs repairs. Question posed: What is the value of the auto-patch? Is there enough usage to include in new equipment? Less than a handful of members stated they have used the auto-patch. Josh-N6TZF suggested we re-evaluate in the future after new repeaters have been installed and are working.

**DIGIPEATER**

No Report

**APRS**

No Report

**EMERGENCY SERVICES**

No Report

**FIELD DAY**

No Report

**FOG FEST**

No Report

**NEWSLETTER**

Published

**WEBSITE**

Contract with web host Hostmonster expires March 27. Mary Ellen has requested recommendations from webmaster Scott

Mercer-Ki6SEJ to renew with current host or new host such as Dreamhost, which is used by BAEARS. Dave-K6DMR stated that there is a new repeater calendar linked to Google. Anything authorized on the repeater is on the calendar. If anyone hears anything on the repeater that is not listed on the calendar, please let him know.

**UNFINISHED BUSINESS****FIELD TRIP UPDATES:**

Roy's wrap-up session – Complete in April  
USS Potomac and Maritime Historical Radio Society to move to 2017 activities

**NEW BUSINESS**

President Mary Ellen stated she would like to see changing the time for the Wednesday night NET in order to get greater participation, possibly modify the script to modernize and shorten it, and rotate the Net Control responsibility. Open for discussion. Roy stated any potential new time for the Net would need to be posted in Newsletter for a couple of months. Motion made by Roy to start the Wednesday NET at 8pm starting 1<sup>st</sup> week in February. Seconded. Passed unanimously. Mary Ellen will send email, and a statement will be posted on the website. Script: Josh suggested forming a committee to oversee rewriting the script and volunteered to serve on the committee. Mary Ellen appointed Josh as chair of the committee, and Dave-K6DMR & Tom-KJ6OGL volunteered to be on the committee. A sign-up sheet was circulated so that members could sign up to serve as Net Control for specific Wednesday night dates. Mary Ellen said she would serve as Net Control on the first Wednesday of each month.

2017 Calendar Planning: Inside and outside activities. Dave Lawrence-KF6TWW will make reservations for Pizza night in March. Frank to pencil in Nick's for the November Dinner Meeting / Election meeting. Question on when to hold Ice Cream Night.

2017 CARC Calendar	
Jan	Planning Mtg
Feb	Finalizing Mtg
Mar	Pizza Night
Apr	Home Brew/Junk Swap/Pixi 2 Project
May	Open
Jun	Field Day Planning
Jul	Field Day Results
Aug	Back to School Night
Sep	Fog Fest/Appoint Election Committee
Oct	Officer Nominations
Nov	Dinner Election Meeting
Dec	Holiday Pot Luck

Planned Club Trips: USS Potomac and Maritime Historical Radio Society need to be rescheduled

**ADJOURNMENT**

Walt Long-KG6EDY motioned and Dave Rinck-K6DMR seconded. Meeting adjourned at 8:34 p.m.

**PRESENT AT THE MEETING**

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

**Officers: President:** Walt Long-KG6EDY; **Vice-President:** Ralph Bailey-K6DLZ; **Secretary:** Tom Oliver-KJ6OGL; **Treasurer:** Frank Erbacher-N6FG.

**Members:** Roy Brixen-KE6MNJ, Gary Barnes-KI6HIG, Walt Long-KG6EDY, Steve Pagnelli-K6YUA, Dave Conroy-KM6CPF, Paul Atkins-AI6BB, Ralph Kugler-KC6YDH, Bill Lillie-N6BCT, Carmel Gallagher-KJ6ERS, David Rinck-K6DMR, Joshua Villyard-N6TZF, Dave Lawrence-KF6TWW

**Visitors:** William Anderson(No Call) scheduled to take BAEARS test later this month, Chris Icide-W6EZE

Submitted by: Tom Oliver-KJ6OGL – Secretary – with input from our President Mary Ellen-AJ6J

**NEWS****CARC NEW REPEATER COMMITTEE MEETING**

On Saturday, Feb. 25<sup>th</sup>, there will be a meeting of the CARC New Repeater Committee to launch efforts for the completion of planning, purchasing, and installing our new repeater equipment by July 30<sup>th</sup>, 2017. The meeting will be in Building 19, Room 100 at the College of San Mateo. We start at 9:30 AM and conclude by 1:30 PM. I'm going to lunch at 1:35 PM at Rainbow Pizza just west of the campus—best 'zza in San Mateo—and you're welcome to join me.

All club members interested in and wanting a voice in the planning process, interested in learning what makes a modern repeater system tick (or tock), or interested in lending a hand are encouraged to attend. The cost is only your time and input.

If you are interested in joining us or if you already plan to attend, please RSVP to my email address, [rebrixen@well.com](mailto:rebrixen@well.com) or [KE6MNJ@arrl.net](mailto:KE6MNJ@arrl.net), so I can build a contact list, send a map, and send an agenda. If you plan to attend, bring something warm to drink (or cold if you prefer) and I will supply some fresh morning made donuts (What's a meeting of hams without donuts?)

*Be there or be grid square!*

Roy Brixen-KE6MNJ

**ARRL UPDATE****Amateur Radio Parity Act Speeds to US House Passage, Heads to US Senate**

Just 10 days after being introduced in the 115th Congress, the 2017 Amateur Radio Parity Act legislation, [H.R. 555](#), passed the US House of Representatives on unanimous consent under a suspension of House rules. The bill's language is identical to that of the 2015 measure, H.R. 1301, which won House approval late last summer after attracting 126 cosponsors, but failed to clear the US Senate last fall as the 114th Congress wound down. The new bill, again sponsored by Rep. Adam Kinzinger (R-IL), was launched on January 13 with initial cosponsorship by Rep. Joe Courtney (D-CT) and Rep. Greg Walden, W7EQI (R-OR), who chairs the influential House Committee on Energy and Commerce.

"The grassroots effort of Amateur Radio operators across this nation in support of the Amateur Radio Parity Act has been remarkable, nothing like we have ever seen before," ARRL President Rick Roderick, K5UR, said. "To all hams, keep going! Now is the time to charge forward with that same momentum to the Senate. We can do it!" The bill arrives in the US Senate with ample time in which to garner its approval through an education campaign.

"We're very encouraged by the speed with which this bill made it through the House. It's amazing that this happened," said ARRL Hudson Division Director Mike Lisenco, N2YBB, who has been at the forefront of the legislative initiative.

"With the help of ARRL members, we believe we can get this done," Lisenco continued. "We came within a hair's breadth last time, with [thousands of] e-mails to members of both houses of Congress, as well as letters and telephone calls. Member participation in this final push is critical."

H.R. 555 calls on the FCC to establish rules prohibiting the application of deed restrictions that preclude Amateur Radio communications on their face or as applied. Deed restrictions would have to impose the minimum practicable restriction on Amateur Radio communications to accomplish the lawful purposes of homeowners associations seeking to enforce the restriction.

**CIA Declassified Database Includes Information about Soviet-Era Amateur Radio**

Central Intelligence Agency ([CIA](#)) reports relating to Amateur Radio in the former Soviet Union (including the Baltic States) and Warsaw Pact countries are among documents declassified to a new searchable [online database](#), the CIA Freedom of Information Act (FOIA) Electronic Reading Room.

Documents cover translations and assessments of Amateur Radio clubs; training; monitoring Sputniks; technology and equipment; QSL cards, and ruminations on a plan to monitor US ham radio transmissions for activities "of interest" to the intelligence community. Searches on "Amateur Radio" or

**ARRL Update cont.**

"ham radio" will yield multiple documents, some heavily redacted.

For example, a 1949 memo largely dismissed the use of Amateur Radio in the Soviet Bloc as an intelligence-gathering tool. "Except for possibilities in the counter-espionage field, it is believed that exploitation of amateurs with reference to the USSR and satellites could lead at best only to information concerning the location of ham transmitters, an item of dubious intelligence value," said the memo, which carried the subject line "Exploitation of Radio Amateurs."

Another memo from the same year showed that the USSR viewed the growing "cadre" of radio amateurs as the next generation of engineers.

Documents covering a wide range of topics not necessarily related to Amateur Radio also have been declassified, sanitized, and made available to the public for the first time in this archive. Some of these documents were only available previously in a closed system at the [US National Archives](#). -- Thanks to Southgate Amateur Radio News via Andy Thomas, G0SFJ

**New Mexico Radio Amateur Marks 80 Years as a Licensee**

"Made it! 80 years a ham." That's how ARRL member Paul Elliott, W5DM, of Hobbs, New Mexico, recently posted his milestone on the Top Band reflector.

Growing up during the Great Depression in Kingsville, Texas, Elliott got his ham ticket at age 14 as W5GGV. Now 94, Elliott eventually worked his way to the top rung -- Amateur Extra -- back in the day when that license offered no additional privileges, just prestige. It did later allow him to apply for a two-letter suffix call sign, though, and he became W5DM.

His first rig was homebrewed from Atwater Kent radio parts, with a wire to a tree for an antenna, but he remembers making his own galena crystal for a crystal set and experimenting with a Model T spark coil. He continued building his own transmitters and receivers for a couple of decades, operating CW until SSB came along. Elliott succeeded in working all states on 160 meters from a 120 x 120 foot electrically noisy city lot with "a long but low semi-inverted L," as he described it. He now has 189 DXCC entities confirmed on Top Band. A Texas native and World War II veteran, Elliott is a graduate of the US Naval Academy and served in the Pacific. After the war, he farmed cotton and



Paul Elliott, W5DM, holds a QSL card from his first DX contact in September 1937 on 40-meter CW.

maize on 200 South Texas acres, before going back to school to earn a doctorate in physics from Texas A&M. "I'm basically a peasant with a lot of education," he quipped during a telephone chat with ARRL. Elliott spent more than 20 years in academia as a professor of physics at his alma mater.

"Basically, all I'm doing today is chasing the occasional DX," Elliott told ARRL. He said he has a transceiver and a couple of wire antennas that he makes work on all bands. Elliott has 325 DXCC entities confirmed on all bands -- plus a lot of memories from an earlier era of Amateur Radio.

"Age, not surprisingly, has taken its toll," Elliott said on the Top Band reflector, noting that his CW speed was now down to 20-25 WPM because of waning dexterity. "Thanks to all who have had the knowledge and the kindness to help me over the years."

## AMATEUR RADIO HISTORY THE WAYBACK MACHINE

BY BILL CONTINELLI - W2XOY

Monday, April 15, 1912, 12:30 AM. The Wayback Machine is over the North Atlantic, at 41 degrees 46' North, and 50 degrees 14' West. Down below is a majestic ship, the largest and most luxurious ship in the world, on its maiden voyage. In the wireless room is a 5kw Marconi station, and before it sit two tired operators, who make \$20 per month, not as employees of the shipping line, but rather as employees of the Marconi Company. The in basket is still full of messages, everything from personal telegrams to stock market quotations. They are so busy working Cape Race, Newfoundland, that they didn't even notice the slight grinding jar 30 minutes earlier. As the two wireless operators, Jack Phillips and Harold Bride, passed the routine traffic, the Captain came in, said the ship had struck an iceberg, and told them to send a distress call at once. The blue spark jumped across the gap as Phillips sent "CQD" (come quick danger). "Send S.O.S." Bride said, "It's the new call and it may be your last chance to send it".

Thus began the moment in history that changed radio. Two hours later, Jack Phillips and over 1500 others were dead, the "Titanic" lay at the bottom of the ocean, and 713 survivors huddled in half filled lifeboats waiting to be rescued. The tragic errors in the story of the "Titanic" pointed out the need of wireless regulation.

The first ship to answer the distress call was the German Liner, the "Frankfurt". While the "Frankfurt" wireless operator was informing his captain, the "Carpathia" and Cape Race chimed in. When the "Frankfurt" operator came back to get more information, Phillips tapped back "SHUT UP, SHUT UP, YOU FOOL. STAND BY AND KEEP OUT". While this would seem bizarre by our standards, it made perfect sense to the operators of 1912. The "Titanic", "Carpathia", and Cape Race were equipped with Marconi operators and stations, while the "Frankfurt" utilized the services of Marconi's

*Wayback Machine cont.*

German competitor, Telefunken. This commercial war was extended down to the individual operators. No routine traffic would EVER pass from a Marconi station to a rival, and, even in an emergency, if Marconi stations were available, the others would be shut out.

The wireless controversy would continue after the "Carpathia" picked up the survivors. A wireless message was received, allegedly from the "Carpathia", which said "ALL PASSENGERS OF LINER "TITANIC" SAFELY TRANSFERRED TO THIS SHIP AND "S.S. PARISIAN". SEA CALM. "TITANIC" BEING TOWED BY ALLEN LINER "VIRGINIAN" TO PORT". Other wireless messages appeared, also stating that ALL passengers were safe, and the ship was being towed in. There was just one problem--these messages were not coming from the "Carpathia". For one thing, her wireless had a maximum range of 150 miles. For another, the "Carpathia" wireless operator had made only a few transmissions to the "Olympic" (sister ship of the "Titanic" and another Marconi operation), in which he tapped out the list of survivors, some coded messages from Bruce Ismay, President of White Star Lines, then shut down his station. So complete was the radio silence from the "Carpathia", that they refused to answer the calls from Navy cruisers sent to the scene by President Taft. The White Star Line, owners of the "Titanic", were still insisting that everyone was safe and the ship had not sunk. But even as they made these claims, they had all the horrific details from the "Olympic". And so would the rest of the world, thanks to a 21 year old operator named David Sarnoff, who managed to detect the faint signals of the "Olympic", and broke the story. Faced with the truth, and hounded by thousands of reporters and outraged relatives of passengers, the White Star Liner officials finally broke down and revealed all. Meanwhile, the "Carpathia" steamed towards New York City. When she passed within range of shore stations, there were "frenzied attempts by amateur wireless operators which formed a hissing mixture from which scarcely a complete sentence was intelligible". It didn't matter, because the radio silence continued.

At the Port of New York, the "Carpathia" was met by Senator William A. Smith of Michigan, a no nonsense Populist who was the Chairman of the committee investigating the shipwreck. He immediately slapped subpoenas on everyone possible, including Harold Bride and Harold Cottam, wireless operator on the "Carpathia". Marconi himself, who was in the U.S. at the time, (and had planned on taking the "Titanic" back to England), was also summoned to appear.

The hearings revealed the information given above, plus the disturbing fact that the "Californian" was just 10 miles from the "Titanic". Not only did the "Californian" not have a full time wireless operation, but the ship's captain ignored the eight distress rockets sent up by the "Titanic". As to the origin of the false messages concerning the saving of the ship and passengers, no answer was ever found. However, Senator Smith sarcastically noted that, in the interim, the "Titanic" was

quickly reinsured, and stock in the Marconi Company jumped from \$55 to \$225 per share. The Senator DID find out the cause of the "Carpathia" radio silence--it was Marconi himself. He had sent wireless messages to Bride and Cottam stating "MARCONI COMPANY TAKING GOOD CARE OF YOU-KEEP YOUR MOUTH SHUT-HOLD YOUR STORY-YOU WILL GET BIG MONEY-NOW CLEAR". It turned out that Marconi had an agreement with the New York Times for an exclusive story. Thus, essential information for desperate relatives and official inquiries from the President of the United States

took a back seat to Marconi's interest.

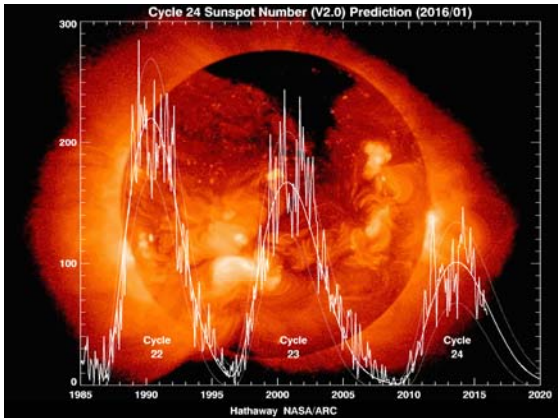
When Marconi got on the stand, Senator Smith pounced on him with astonishing vehemence. Marconi had been lionized by the nation, and now the Senator was treating him like any other entrepreneur who put profit above the public. Senator Smith was warned that his attack on a man as popular as Marconi was political suicide, but he didn't care. In his obsession with his belief that the unregulated wireless spectrum was partly to blame in the "Titanic" disaster, he painted Marconi as a man willing to subordinate the public good to his goal of a complete wireless equipment AND spectrum monopoly. Senator Smith used the "Titanic" hearings to condemn the laissez-faire status of the wireless, and appeal for the international regulation of radio.

On May 18, 1912, Senator Smith introduced a bill in the Senate. Among its provisions: 1) ships carrying 50 passengers or more must have a wireless set with a minimum range of 100 miles; 2) wireless sets must have an auxiliary power supply which can operate until the wireless room itself was under water or otherwise destroyed; and 3) two or more operators provide continuous service day and night. In response to the interference generated over the years, and especially when the "Carpathia" was within range, a provision was added that "private stations could not use wavelengths in excess of 200 meters, except by special permission". To avoid "ownership" of the spectrum by the Marconi Company, licenses would now be required, issued by the Secretary of Commerce. Each Government, Marine, or Commercial station would be authorized a specific wavelength, power level, and hours of operation.

The initial legislation had considered the elimination of all private, non commercial (i.e. amateur) stations, but Congress realized that would be difficult and expensive to enforce. Therefore, since it was a "well known fact" that long wavelengths were the best, and anything below 250 meters was useless, except for local communication, it was decided to compromise and give the amateurs 200 meters, where they could work 25 miles maximum and would die out of their own accord in a few years. How the amateurs coped with 200 meters will be our focus next month. Hope you'll join us for another trip on the Wayback Machine.

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the Schenectady Museum Amateur Radio Club.*

## SOLAR UPDATE



Tad Cook, K7RA, Seattle, reports: The average daily sunspot number rose from 22.6 to 52.7 -- up from no sunspots 2 weeks ago. Solar flux increased from 77.1 to 83.9 for the January 19-25 reporting week. The first sunspot group of Cycle 25 has appeared, in addition to this recent uptick.

Predicted solar flux is 85 on January 26-29; 82 on January 30-February 2; 75 on February 3-7; 76 on February 8; 77 on February 9-12; 78, 79, and 81 on February 13-15; 83 on February 16-18; 85, 83, and 82 on February 19-21; 80 on February 22-24; 78 on February 25; 77 on February 26-27; 76 on February 29-March 1; 75 on March 2-6, and 76 on March 7.

The predicted planetary A index is 5, 12, 15, and 8 on January 26-29; 12 on January 30-31; 8 on February 1-2; 20, 16, 12, 10, and 8 on February 3-7; 5 on February 8-13; 15 on February 14; 10 on February 15-16; 8 on February 17-19, and 5 on February 20-22.

F.K. Janda, OK1HH, sent us this geomagnetic activity forecast for January 27-February 22: Quiet on January 27, February 1, 11-12, 14, 22; mostly quiet on January 30, February 9-10, 20-21; quiet to unsettled on January 31, February 13, 19; quiet to active on January 28-29, February 3-5, 15, 17, and active to disturbed on February 2, 6-7, (8, 16, 18).

Amplifications of the solar wind from coronal holes are expected on January 26, (31), February (1-5), 9, (15). Parentheses indicate a lower probability of activity enhancement.

Sunspot numbers for January 19-25 were 26, 61, 67, 61, 53, 55, and 46, with a mean of 52.7. The 10.7-centimeter flux was 79.5, 83.2, 86.1, 86.8, 84.1, 82.3, and 85.1, with a mean of 83.9. Estimated planetary A indices were 11, 11, 11, 9, 5, 3, and 6, with a mean of 8. Estimated mid-latitude A indices were 10, 9, 9, 8, 2, 3, and 4, with a mean of 6.4.

## 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**  
3<sup>rd</sup> 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

2<sup>nd</sup> 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](mailto: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	Feb 11th	Sunnyvale, CA	10:30	AM
Sat	Feb 18th	Redwood City, CA	10:30	AM

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 11th	2017 Agenda Planning, LM Fire Station
Feb 8th	Agenda Final, LM Fire Station
Mar 8th	Meeting Night, LM Fire Station
Mar 12th	Daylight Savings Time Begins
Apr 12th	Meeting Night, LM Fire Station
Apr ?	Silver Dragon CERT Exercise, 0730-1300 hrs
Apr 30th	Dream Machines, El Granada
May 10th	Meeting Night, 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	Meeting Night, LM Fire Station
Sept 13th	Meeting Night, 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

07:30 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

8:00 PM on WA6TOW  
146.925 MHz, PL 114.8  
Pacifica CERT Net

CLUB OFFICERS				
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**MEETING  
NOTICE:**

**FEBRUARY 8  
LINDA MAR FIRE STATION  
PACIFICA  
7:30PM**

**2017 CARC  
AGENDA FINALIZING  
MEETING**

# COASTSIDE COMMUNICATOR

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

FIRST CLASS

TO:

58 Years



of Service