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# THE COASTSIDE COMMUNICATOR

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VOL. 49, No. 1

JANUARY 2017

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## PRESIDENT'S COLUMN

My first action in my new role as President is to wish you all a Happy New Year!

At our January 11 meeting, Roy Brixen will guide the members through the testing and demonstration of the Pixie 2e Radios.

Before turning the meeting over to Roy, we need to spend some time discussing what projects, demonstrations, field trips and other activities the members would like us to calendar for this coming year. All ideas and suggestions will be welcomed and much appreciated.

I would also like to discuss the possibility of moving our weekly net from 9 p.m. to 8 p.m. We attempted to move our net up to 7 p.m. a few years ago, and it was decided at that time to keep it at 9:00. However, there have been several occasions this year when fewer than half a dozen members and/or guests checked in, in fact, on at least one occasion, only two. Perhaps if we move it to 8:00, more members will be available for check-in.

Speaking of the net, as I mentioned at our November meeting, besides a wish to delegate responsibility, I think we might get more participation by way of net check-ins if we rotate serving as net control. As president, I would do the first net each month.

At our January meeting I am going to ask members to sign up to serve as net control on specific Wednesdays to cover the year. Just a heads-up.

I hope to see you at the next meeting on Wednesday, January 11. Again, Happy New Year!

73,  
Mary Ellen-AJ6J  
Club President



## DECEMBER MINUTES

The December 14<sup>th</sup> Holiday Dinner meeting was called to order at 7:38 p.m. by our Club President, Walt Long-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: \$2,950.50 in the General Fund, \$518.51 in the Repeater Fund, \$812.41 in the APRS/Digipeater Fund, \$11,265.11 (Including \$2,190 from the 2016 Fog Fest) in the EOC/Public Service Fund. These individual fund totals add up to a club total of \$15,546.23.

Roy Brixen-KE6MNJ cashed the \$3,000 check to cover part of the cost of the duplex isolator.

Mary Ellen-AJ6J was paid \$820. She used her credit card for the Election Dinner and Club collected \$843.

The treasurer will pay himself \$15 for the March newsletter.

### MEMBERSHIP

Club membership is 66. The treasurer missed removing an SK from the active roster. ARRL membership is 71%, which is above the 50% minimum required. Data sheet on 2016/2017 roster was passed around for additions/corrections.

### COMMUNICATIONS

The Treasurer Frank Erbacher-N6FG received a call from Rex-W6VJJ to say hello. He is 91 years young and a WWII Vet. He was injured in the Bougainville / Leyte Gulf. He also ran the Marine radio communications station on the Coast and its Transmitter on the bay until it closed. Frank also received information that Mark Ford-KA7LAS and family, 2015 CARC members, have moved to Idaho.

**COMMITTEE REPORTS****REPEATER**

A new calendar has been added to the repeater. Dave Rinck-K6DMR said that he has sent Frank-N6FG an email with the name of a tower climber for work on the tower.

**AUTO-PATCH**

Casey-N6TZE reported that it still not working. The antenna still needs to be replaced and a ground plane radial on another antenna. An insured tower climber is needed to do the work. Frank N6FG reported that Mike-WB6JKV climbing **Auto-Patch cont.**

services are no longer available. Frank will contact Mike for referrals to other insured tower climbers.

**DIGIPEATER**

No Report

**APRS**

No Report

**EMERGENCY SERVICES**

No Report

**FIELD DAY**

Frank-NF6G states that he has almost all Field Day stuff organized.

**FOG FEST**

CARC received \$2,190 from this event for our assisting with communications at the 2-day event. Frank also noted that Chris English-KM6FJG, new CARC member, has been involved with Fog Fest for a very long time.

**NEWSLETTER**

Published

**WEBSITE**

New Google Calendar has been added to the website.

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

USS Potomac – No Report

Maritime Historical Society – No Report

**NEW BUSINESS**

Roy will complete his Back-to-School Night Presentation on the PIXIE3e QRP 80/40M Transceiver at the January meeting.

**ADJOURNMENT**

Motion made by Bob-W6LOG and seconded by Cheryl-KJ6RNK to adjourn the at 7:51 p.m. (In honor of Life Member; Roger Spindler-WA6AFT, Silent Key) to Holiday

Potluck. Dave Rinck-K6DMR thanked Walt-KG6EDY for his 3 years of service to CARC. Walt received applause from the members present.

**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:** N/A; **Treasurer:** Frank Erbacher-N6FG.

**Members:** Dave Rinck-K6DMR, Cheryl Crofts-KJ6RNK, Bob Barbitta-W6LOG, Barbara Erbacher-K6IIP, Charles Tillman-KG6CTT, Dave Conroy-KM6CPF, Tom Oliver-KJ6OGL, Mary Ellen Scherer-AJ6J, Paul Atkins-AI6BB, Georgia Grant-KE6KRT and Maurice Ramirez. Pete Wanger-WA6ECH visits a lot of the local clubs a was monitoring WA6TOW and talked with Frank-N6FG and stated that we are having our Christmas party and invited him to join us.

Guests: Trish Bailey (Ralph's daughter-in-law).

Submitted by: Tom Oliver-KJ6OGL Acting Secretary

**NEWS****CARC-PIXIE2E WRAP-UP @ JAN MEETING.**

Outgoing president Walt Long asked that I do a Pixie2e wrap up session in December, but I was swamped with final exams and final grades and offered to do a short session at the January meeting, so here's the plan.

You bring your finished Pixie2e, a pair of ear buds, and a fresh 9 volt battery.

I plan to bring a KX2 or KX3 with a whip antenna along with a true 40 meter dipole antenna on a tripod mount, and a length of coax. I'll also bring an oscilloscope, a dummy load, and the appropriate tools for testing. So, first we'll power up each completed Pixie2e and perform a receive test so you can check out the audio quality of your new radio. Signal source will be the KX2 or KX3.

Next, we'll switch to transmit mode and do a power output test and a quick spectral purity test. Then we'll connect your Pixie2e to the 40 meter dipole, connect a key, and you can hear what your new rig sounds like on the air via the KX2 or KX3 in receive mode.

A Pixie2e factory service technician will be on hand to deal with any serious performance problems. See you in at the January meeting with your new rig.

Roy-KE6MNJ

**ARRL UPDATE****National Parks on the Air Contact Tally Tops 1 Million!**

Participants in ARRL's National Parks on the Air ([NPOTA](#)) program have completed more than 1 million contacts! Activators operating from National Park Service units across the US and Chasers around the world pushed the contact tally over its goal this week. ARRL sponsored NPOTA to help the National Park Service celebrate its centennial.

"National Parks on the Air has become one of the most popular events in the history of the League," NPOTA Administrator Sean Kutzko, KX9X, said. "It's been fun seeing so many hams take part."



Kutzko said the NPOTA Facebook group really helped drive participation, especially in the last 3 months, when it became clear that the 1 million-QSO goal was within reach. "Some 25,000 NPOTA contacts were uploaded to Logbook of The World ([LoTW](#)) every week since October," he noted. "The entire group came together and simply willed the 1 million-contact mark to be broken. It was incredible to watch!" He said some real friendships developed among those who frequented the NPOTA Facebook page.

Anthony Wiese, KG6LHW, operates from John Day Fossil Beds National Monument in Oregon, accompanied by his wife, Aleda Cloud.

Those taking part in NPOTA made nearly 20,000 visits to 460 of the 489 NPS units eligible for NPOTA credit, including portions of the National Trails System and the National Wild and Scenic Rivers System. Nearly 150 Chasers completed contacts with more than 400 of the 489 NPOTA units this year, while one Activator transmitted from more than 250 different NPS units in 2016. Kutzko said the activations effectively transported those National Park Service units via radio to all 50 states and more than 100 countries during 2016.

Kutzko said NPOTA garnered interest from hams at all proficiency levels, but he was especially gratified to see how it encouraged less-experienced hams to acquire new skills, such as operating a portable station on battery power, learning CW, or discovering digital modes. "Pileups from some activations rivaled those during a major DXpedition -- if only for a few hours at a time," he added.

Jim Clark, Jr., an NPS Ranger at Marsh-Billings-Rockefeller National Historic Site in Vermont, said NPOTA helped to generate greater awareness of his unit.

"National Parks on the Air has afforded us the opportunity to connect with a much larger and more diverse audience than we could have ever imagined," he told ARRL. "We are pleased and proud that the world of Amateur Radio helped us to celebrate 100 years of service to the nation."

Kutzko said being able to blend Amateur Radio with the history and scenery offered by the National Park Service was a wonderful gift. "We heard from countless amateurs who learned something about our country while operating from an NPS unit and experiencing 'the other side' of a pileup. There will be other on-air events from ARRL, but National Parks on the Air was a once-in-a-lifetime opportunity. I don't think there will ever be anything quite like it in Amateur Radio again. I will miss it."

**FCC Chairman Tom Wheeler to Step Down in January**

FCC Chairman Tom Wheeler has announced that he will step down in January, when President Barack Obama's term ends. An Obama appointee, Wheeler has headed the Commission for 3 years.

"Sitting in this chair has been the greatest privilege of my professional career," Wheeler said on December 15, during his final FCC monthly open meeting. "I'm grateful to President Obama for the opportunity to serve and for the confidence he placed in me....It has been a privilege to work with my fellow Commissioners to help protect consumers, strengthen public safety and cybersecurity, and ensure fast, fair, and open networks for all Americans."

Wheeler was a staunch proponent of the FCC's net neutrality policy, which has been opposed by conservatives as government overreach.

When Wheeler departs on January 20, the FCC will be left with two Republicans -- Ajit Pai and Michael O'Rielly -- and one Democrat -- Mignon Clyburn, whose term ends in mid-2017. Democratic commissioner Jessica Rosenworcel failed to gain confirmation for another term before Congress adjourned and is expected to depart by year's end. The FCC's five commissioners are appointed by the president, the political balance favoring the party holding the White House.

**FEMA Interoperability Exercise Deemed a Success, Monthly Exercises Set for 2017**

Laura Goudreau, KG7BQR, Regional Emergency Communications Coordinator for FEMA Region X, said a December 21 Region X interoperability communications exercise on 60 meters went well. FEMA Region X, which consists of Alaska, Idaho, Oregon, and Washington, now has announced that it will hold similar exercises each month in 2017, with all radio amateurs welcome to participate.

"We had 48 check-ins, of which 42 were amateurs," Goudreau said of the December event. "It was very successful and also

**ARRL Update cont.**

included our first digital test." The "COMMEX" event consisted of check-ins from authorized state, tribal, federal, and Amateur Radio stations to test HF interoperability in case of an emergency or disaster response. The interoperability aspect between federal stations and Amateur Radio licensees was coordinated and authorized by the [NTIA](#) and the [FCC](#).

The net included a digital component, intended as a one-way broadcast to test FEMA's ability to send messages and for remote stations to receive them. Goudreau said that while there's still room for improvement in the digital area, overall, she was happy with how the exercise played out.

During 2017, FEMA Region X will hold a communication exercise (COMMEX) on the third Wednesday of each month, 1500-2100 UTC. The initial exercise will take place on January 18.

"The intent of [each] COMMEX is to test and exercise interoperable communications (federal/state/local/tribal/amateur) during a major disaster, where communications infrastructure would be significantly damaged or destroyed," a FEMA Region X announcement said. FEMA Region X will use the call sign WGY910. Others taking part in these exercises will include, but are not limited to, other FEMA stations, SHARES stations, and Air Force and Army MARS stations. All stations are encouraged to participate.

The COMMEX will use the five 60-meter channels: 5,330.5 kHz, 5,346.5 kHz, 5,357.0 kHz, 5,371.5 kHz, and 5,403.5 kHz. The area of operation is the Continental US. -- Thanks to FEMA Region X Regional Emergency Communications Coordinator Laura Goudreau, KG7BQR, and FEMA Spectrum Manager Dave Adsit, KG4BIR

**FCC Denies Expert Linears' Request for Waiver of 15 dB Rule, Petition Pending**

The FCC has denied a request by [Expert Linears America LLC](#) to waive §97.317(a)(2) of the Amateur Service rules limiting amplifier gain. Expert, of Magnolia, Texas, distributes linears manufactured by SPE in Italy. Its waiver request, filed in June, would have allowed Expert to import an amplifier capable of exceeding the current 15 dB gain limitation as it awaits FCC action on its April petition ([RM-11767](#)) to revise the same Amateur Service rules. That petition remains pending. Expert has asserted that there should be no gain limitation on amplifiers sold or used in the Amateur Service. Most commenters supported Expert's waiver request, but a couple of commenters -- including FlexRadio, which supports a rule change -- expressed concerns about granting a waiver to Expert alone.

"In light of the conflicting comments regarding the desirability of eliminating the 15 dB limitation, we conclude that waiving

the limitation at this stage of the rulemaking proceeding would prejudice the rulemaking proceeding and prematurely dispose of commenters' concerns," the FCC said in denying the waiver. "Moreover, we agree with FlexRadio that granting Expert's waiver request while the rulemaking petition remains pending would provide an unfair market advantage for one equipment model over other manufacturers' RF power amplifiers that would still be limited by [the existing rules]."

The FCC said it would rather give full consideration to "the pending issues" and apply the result of the rulemaking proceeding to all Amateur Radio Service equipment. The Commission said rule waivers "generally" are not warranted "merely to accommodate technical parameters that are based solely on harmonization with the manufacturer's products available abroad."

In its April rulemaking petition, Expert maintained that the 15 dB gain limitation is an unneeded holdover from the days when amplifiers were less efficient and the FCC was attempting to rein in the use of Amateur Service amplifiers by Citizens Band operators.

Although the FCC had proposed in 2004 to delete the requirement that amplifiers be designed to use a minimum of 50 W of drive power -- and subsequently did so -- it did not further discuss the 15 dB limit in the subsequent [Report and Order](#) in that proceeding.

**AMATEUR RADIO HISTORY  
THE WAYBACK MACHINE**

BY BILL CONTINELLI - W2XOY

OK, I knew it would happen. When I started this column, I expected three questions would be asked: "When did ham radio start?"; "Who was the first ham?"; and "Where did the word 'ham' come from?". To answer these questions, let's set the Wayback Machine to Warp Factor 9, and head back 100 years.

Practical "wireless" had its start in 1896, when Marconi first sent a signal over a distance of two miles. By 1899, he succeeded in sending a wireless message across the English Channel, a distance of 32 miles. The year 1899 also marks the first construction project, which appeared in "American Electrician" magazine. In December, 1901, Marconi was able to bridge the Atlantic, a feat which caught the world's attention and fueled the imagination of thousands of potential amateurs, who took their first steps into wireless.

In the early days, everything was "spark". What exactly was spark? Well, sit down some summer night, listen to your AM or SW radio, and count the static crashes. Now turn on the vacuum cleaner, or an electric shaver, and listen to your radio again. Hear that noise? In short, spark wireless was merely a form of "controlled static". A high voltage inside a spark coil

**Wayback Machine cont**

would jump across a gap, which was coupled to an antenna. The spark was keyed on and off to transmit the code. The signal generated was extremely broad. A "state of the art" 1906 spark transmitter operating on 400 meters (750 khz) would actually generate a signal from about 250 meters (1200 khz) to 550 meters (545 khz). Receivers were no better, before 1912 all systems were basically unamplified detectors. Tuners were primitive or nonexistent. As might be expected, by today's standards, the early wireless stations were terribly inefficient. Transmitting ranges varied from as little as 600 feet with a 1/2 inch coil to perhaps 100 miles from a kilowatt station and a 15 inch spark coil. Ships at sea with 5 kw transmitters might get as much as 500 miles maximum range. It was into this world that the early amateurs ventured. Actually, if we were to concentrate on the years prior to 1908, it would be more appropriate to say "experimenters" rather than "amateurs". For in the first decade of wireless, there was little or no interest in personal communications with other stations; rather, the concentration was on technical development, either in the interest of pure science, or (more often than not) with an eye towards cashing in on this new medium. Experimenters were unorganized and, with the exception of those immediate stations with whom they ran tests, had no knowledge or interest in other pioneer stations. Any true "amateurs" prior to 1908 have been lost in pre-historic obscurity.

By 1908, however, the face of wireless began to change. Technical developments had reached their first plateau, and a number of major competitors had formed the first "wireless trust"--United Wireless. With a temporary truce in effect, equipment was now more readily available to the public. Along with this, new magazines, such as "Modern Electrics", were formed with wireless communication as the primary thrust. The circulation of "Modern Electrics" jumped from 2000 to over 30,000 in just two years. The year 1908 also saw the first "handbook", "Wireless Telegraph Construction for Amateurs". It is difficult to know exactly how many amateur stations were on the air in this completely unregulated, laissez-faire era, but reliable estimates put the number of "major" stations (i.e. those capable of communicating over 10 miles) at 600, while "minor" stations with a one or two mile range probably numbered 3000 or more. Thus, if a year had to be arbitrarily chosen as the start of amateur radio, it would probably be 1908.

As for the "first" amateur, that's a harder one. Without licensing, regulations, or a written record, there will never be a definitive answer to this question. However, the Wayback Machine has come up with the name W.E.D. Stokes, Jr.. He was a founding member and the first President of the first amateur radio club--the Junior Wireless Club, Limited, of New York City. This organization was formed on January 2, 1909. Other founding members who might lay claim to the title "first amateur" were George Eлт, Frank King and Fred

Seymour. Later the same year, the Wireless Association of America, and the Radio Club of Salt Lake City were created.

By 1910, wireless clubs were springing up all over the country, and the first call book--"The Wireless Blue Book" was published. Since there were no regulations in this period, the callsigns listed in the Blue Book were self assigned--which brings us to our third question--where did the word "ham" come from? Legend has it there was a phenomenal station on the air with a 5kw station, who could be heard at all hours of the day and night at distances of over 500 miles. The station operator used his initials for his callsign-H.A.M.. I don't know if this is the real story, but I've always liked this explanation best.

Amateur radio continued to grow. By 1911, Modern Electrics had a circulation of 52,000, and there were 10,000 amateurs in the country. With thousands of stations on the air, both amateur and commercial, interference was becoming a serious problem, especially in marine communication. Ships, because of their restricted antenna length, were limited to frequencies between 450 and 600 meters (666 to 500 khz). As we have seen, one spark station could take up this entire spectrum. Thus, it was imperative that all stations cooperate and stand by when the others were transmitting. Sadly, this often was not the case. In addition to interference between amateurs and commercial stations, there was more interference and sometimes deliberate jamming between commercial stations of different companies. Prodded by the Navy (which was using inefficient and outdated equipment and thus suffering from excessive interference), the U.S. Congress was starting to take a serious look at wireless regulation. However, before they could take up proposed legislation, an incident happened that would quickly and dramatically alter the structure of the wireless spectrum.

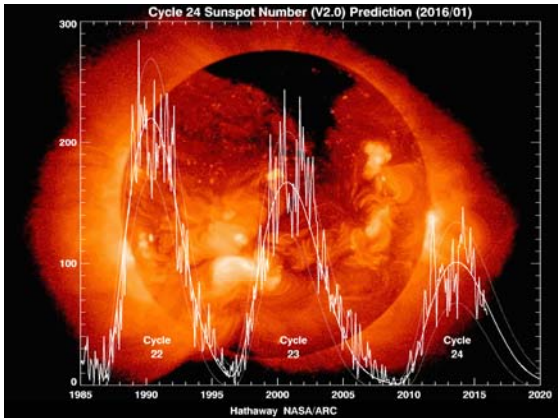
On April 15, 1912, the R.M.S. Titanic struck an iceberg in the North Atlantic and sank. Thanks to wireless, and the first S.O.S. in history, 713 lives were saved. However, it has been argued that the number of survivors could have been doubled or even tripled, if there were stronger wireless regulations in effect. We are going to leave the Wayback Machine hovering over the year 1912, keeping a sharp eye on the Titanic, and on a 22 year old experimenter in Yonkers, N.Y., who would soon make some major contributions to radio.

So, until then, keep that spark gap adjusted and those raspy CQ's coming. We'll catch you next month on board the Wayback Machine.

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the Schenectady Museum Amateur Radio Club.*



## SOLAR UPDATE



Tad Cook, K7RA, Seattle, reports: On December 22 at 0002 UTC, the Australian Space Forecast Centre forecast enhanced geomagnetic activity until December 24, with minor storms likely and some major storm periods possible.

December 15-21 solar activity was little changed from the previous 7 days, although no sunspots were visible on December 16 and 17. Average daily sunspot numbers declined from 13 to 11, and average daily solar flux bumped up 1 point to 73.2. Average planetary A index dipped from 13.3 to 7.9, and average mid-latitude A index from 9 to 5.7.

The outlook shows daily solar flux at 75 and 80 on December 22-23; 85 on December 24-28; 75 on December 29; 77 on December 30-31; 79 on January 1-3; 77 on January 4-5; 75 on January 6-10; 77 on January 11-12; 75 on January 13-14; 73 on January 15-17; 75 on January 18-23; 77 on January 24-27, and 79 on January 28-30.

Predicted planetary A index is 30 on December 22; 12 on December 23-24; 8 on December 25; 5 on December 26-January 1; 8, 10, 20, 22, 16, 14, and 6 on January 2-8; 5 on January 9-13; 10 on January 14; 15 on January 15-16; 25 and 28 on January 17-18; 12 on January 19-20; 8 on January 21, and 5 on January 22-28.

Sunspot numbers for December 15 through 21 were 12, 0, 0, 13, 12, 25, and 15, with a mean of 11. The 10.7 centimeter flux was 72.5, 72.6, 72.1, 72.3, 72.8, 74.9, and 75, with a mean of 73.2. Estimated planetary A indices were 3, 3, 6, 9, 5, 6, and 23, with a mean of 7.9. Estimated mid-latitude A indices were 2, 2, 3, 6, 5, 4, and 18, with a mean of 5.7.

## 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: **January 28, 2017 - San Francisco**

Where: **Event Center at Saint Mary's Cathedral**  
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

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

Sat	Jan14th	Sunnyvale, CA	10:30	AM
Sat	Jan 21st	Redwood City, CA	10:30	AM



### Online Practice Exams

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

**CARC MEETING/EVENT SCHEDULE**

Jan 11th	2017 Agenda Planning, LM Fire Station
Feb 8th	Agenda Final, LM Fire Station
Mar 8th	Meeting Night, 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 21:00 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

9:00 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				
Office	Name	Call	Phone	E-Mail Address
President	Mary Ellen Scherer	AJ6J	(415) 239-4513	aj6j@arrl.net
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Trustee of Club Call	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
Website	Scott Mercer	KI6SEJ	-	ki6sej@arrl.net



**MEETING  
NOTICE:**

**JANUARY 11  
LINDA MAR FIRE STATION  
PACIFICA  
7:30PM**

**2017 CARC  
AGENDA PLANNING  
MEETING**

## COASTSIDE COMMUNICATOR

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PACIFICA, CA 94044

FIRST CLASS

TO:

*58 Years*



*of Service*