



THE COASTSIDE COMMUNICATOR

VOL. 49, No. 10

OCTOBER 2017

WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

Greetings!

I'd like to start by thanking Casey Villyard for his presentation at our September meeting on "3-D printing for \$300 or less." When our members take the time to share their interests, it's a real eye-opener for those of us looking at new technologies from the outside.

Speaking of thanking, I would also like to take this opportunity to thank Frank Erbacher for his on-going, long-standing service to the Club. Besides his continued service as Club Treasurer, without Frank's passion and behind-the-scenes planning, the Club's Field Day and Fog Fest activities would likely fall to the wayside. Besides providing a service to the community, our Fog Fest activity has produced a significant amount of the money needed for our new repeater.

And then there's Dave Rinck. Dave not only serves as the Club's Control Operator, but he also gets out a monthly newsletter. I can't speak to all of the hours demanded by the Control Operator position, but as a former editor of my HOA's newsletter, I know how many hours it takes to get out a single issue. I can't let Dave's work go without at least pausing long enough to say thank you on the Club's behalf.

And that brings me to yet another reminder that October is the month we make our nominations for officers. I have asked for members willing to serve as vice-president or president to let me know. So far, I have two members willing to serve as vice-president, but none for president. Many of you have served in the past and feel you "did your time," and it's time for others to step up. However, with work schedules and other commitments, many of our members simply don't have the time.

As you know, our active membership isn't large. I would like to ask all of you, including those who have served in the past, to seriously consider volunteering to serve as president. If we are going to continue as a Club, someone has to. If it helps, remember that individual members have signed up to serve as net control this year. There's no reason we can't do the same for next year so that at least that particular president's

responsibility is much less burdensome than in the past. Hoping to hear from you See you on October 11.

73,
Mary Ellen-AJ6J
Club President73,
Mary Ellen-AJ6J
Club President



SEPTEMBER MINUTES

The September 13, 2017 meeting was called to order at 7:31pm by: President Mary Ellen Scherer AJ6J, at the Linda Mar Fire House in Pacifica. Self-Introductions by the members followed.

A motion was made by Walt Long-KG6EDY and seconded by Roy Brixen-K E6MNJ to approve the August Minutes as posted in *The Coastside Communicator*. Motion was passed by unanimous vote of the membership present.

TREASURER'S REPORT

Treasurer, Frank Erbacher-N6FG gave financial report: General Fund: \$1,538.33, Repeater Fund: \$816.85, APRS/Digipeater Fund: \$909.41, EOC/Public Service Fund: \$11,265.11. Grand Total: \$14,529.70.

No bills needed an approval.

Frank has updated the spreadsheet and all but one of his lost checks have kindly been replaced by those members and the one said it will be.

CORRESPONDENCE

None

MEMBERSHIP

Club membership is 67. ARRL membership is 65%.

COMMITTEE REPORTS

REPEATER

Update on status of WA6TOW repeater from Dave Rinck K6DMR. No change in status. It seems to be quite noisy lately.

UPDATE FROM REPEATER REPLACEMENT COMMITTEE

Update from Repeater Replacement Committee chair Roy Brixen-KE6MNJ. Roy has ordered all the hardware for the power supply. Slowest delivery items are the batteries as they need to be shipped by truck. Roy will present a list of further items that need to be purchased, and once he receives all receipts, will then turn in to the Treasurer, Frank N6FG. Casey stated he still needs to be reimbursed for the cables he purchased.

AUTO PATCH

No Report

DIGIPEATER

No Report

APRS

No Report

EMERGENCY SERVICES

No Report

FOG FEST

Frank has a number of volunteers to work the Fog Fest. If you are interested in helping, contact Frank at N6FG@arrl.net. He still needs someone to be an emergency back-up that would be available for as-needed-on-call status.

NEWSLETTER

Published

WEBSITE

No Report

NET SCRIPT

The script from AE6DC has been adopted for use.

UNFINISHED BUSINESS

The Club information flyer that we've handed out in the past at BAEARS testing locations needs to be updated. Meeting times and phone numbers are out-of-date. Mary Ellen could not update as it is a read-only document. Dave Rinck-K6DMR said he will update the information.

NEW BUSINESS

Next month is nominations for Club Officers. Mary Ellen asked if someone would volunteer to be on the Election Committee. Mary Ellen-AJ6J stated that she and Ralph K6DLZ will not be running for President or Vice-President

again. If interested in being an officer of the Coastside Amateur Radio Club, contact Mary Ellen-AJ6J at aj6j@arrl.net.

The WA6TOW repeater license is coming up for renewal. Frank suggested that Dave Rinck-K6DMR, currently the control operator, be appointed as the Trustee of Club Call. Mary Ellen asked if Dave would be willing to accept taking on the task. Dave agreed. Mary Ellen asked for a formal motion from the membership. Casey-N6TZE motioned and Frank-N6FG seconded to appoint Dave the Trustee of Club Call. Motion was passed by unanimous vote of the membership present. License expires January 13th, 2018. Frank stated he would get all pertinent information to Dave.

There will be a practice Fox Hunt at the October meeting. Bring your 2m Yagi directional antenna w/attenuator and set your radio to 146.565Mhz simplex. This is the frequency that Roy has set up on a small transmitter he will hide in the parking lot.

Pacifica CERT and Dave-AE6DC will be hosting a communications exercise on Sunday October 8th from 10am to 4pm at the Pacifica Police Station. The focus will be message handling & forwarding. Dave was heavily involved in Katrina, and he says one of the most important things there was accurate and fast message handling. There will be some drill in the classroom, and they'll also have several outside drills. Breck says "I'd like to see a drill where we spread out around Pacifica and, using simplex, relay messages from one end of town to the other."

Mary Ellen-AJ6J forwarded an email from Bruce Kunakov-KJ6DYW to the membership. He has a complete Drake transceiver system for sale.

NCDXC Elmering Project Classes – See email sent to members from Mary Ellen-AJ6J.

ADJOURNMENT

Motion made by Roy-KE6MNJ and seconded by Breck-W6CBH to adjourn the meeting at 7:58p.m. Meeting adjourned.

Whereupon there followed a presentation on "3-D printing for \$300 or less" given by Casey Villyard -N6TZE.

PRESENT AT THE MEETING

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

Officers President: Mary Ellen Scherer AJ6J, Vice-President: absent, Secretary: Tom Oliver KJ6OGL, Treasurer: Frank Erbacher-N6FG

Members: Paul Akins-AE6BB, Bill Lillie-N6BCT, Ted Niemira-AI6YN, Breck Hitz-W6CBH, Walt Long-KG6EDY, Casey Villyard-N6TZE, Roy Brixen-KE6MNJ, Ken Restivo-N6KAR, Chris Icade-W6EZE, William Anderson-KM6HYK, David Rinck-K6DMR.

NEWS

OUR 2017 PACIFIC COAST FOG FEST SUMMARY

The "Fog Fest" had wonderful weather throughout. The CARC Radio Dispatch, Office and Radio Management corps had Fourteen Volunteers sign up ahead of time and one late "walk-in". I was told a few days before start that he wanted to help. Our 6 AM to 9 AM Saturday start up crew were Casey-N6TZE, and, for both Saturday and Sunday start up, Joshua-N6TZF. Unfortunately, the FF radios (67) were smaller than ordered so, at the last moment, Casey had to quickly redo the Channel Assignment and Radio Numbers stickers. On previous years these were placed on the radios before the event. This year they had to be placed on the radios WHILE they were given out. A slow process! Casey's various sticker solutions worked out fine.

With our number of volunteers, two and sometimes three dispatchers were available and scheduled. That gave dispatchers time to check out the event or take breaks. That made shifts easier. I had time to watch and kibitz with those on duty in the office except on my starting and closing duties. "Thank You" team.

Saturdays Volunteers included Casy-N6TZE and Josh-N6TZF, Carmel-KJ6ERS, Quenta-KF6OLC, Ken-N6KAR, previous members Mike-AA6XL and Dorene-KE6AGG still helping out, and Russ-KK6SWA, from the Devils Slide Ride. He's the one who joined late. Russ stayed a bit late helping me finish off Saturday's equipment returns and check offs, a drawn-out job.

Sundays Volunteers included Joshua-N6TZF again, Mary Ellen-AJ6J, Dave-KF6TWW, Tom-KJ6OGL, Walt-KG6EDY, Ken-N6KAR again, and Ralph-KC6YDH, who again this year, hung around helping me on wrap up of equipment check-ins. I got home earlier than last year!

Dispatch Lost and Found "Notes": One Child was separated from parents (PD took over and all's OK). An out-of-state wallet was lost and the owner reported it at dispatch (We didn't insist that owner leave his contact info and it was found the next day or so. A reported lost Cell Phone was turned in at the PD Trailer, not to the FF Lost and Found. The nervous owner kept returning to use my Cell phone to call the lost phone but no answer. PD finally called me to find out why my phone was making all those calls to the lost phone. Owner was contacted and all was well!

The Fog Fest Committee's organizer comments on our efforts were the "Another Great Job" and "See you Next Year" type meaning they want us back again.

"Thank You All" for helping the CARC receive its "FF Volunteer Group Share" of this FF proceeds. We use this mostly for Repeater Equipment/Maintenance, Field Day expenses and for other Public Service expense such as any EOC equipment.

73's Frank- N6FG CARC Fog Fest Organizer

DINNER AND ELECTION MEETING NOV. 11 SATURDAY 2017

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

Reservations are needed by November 6th to approximate the setup arrangement and to help with the restaurant's Entrée count and hopefully have the right room size. But if you are available at the last minute, just call as soon as you know or just drop in.

For those who are new to the club, the November meeting traditionally is a dinner for members, family and friends and is combined with counting of the ballots for next year's officers. The November newsletter will be sent early with this menu info again and will have a ballot include. Ballots will be counted at the dinner so either bring them or mail them to the club P.O. Box so they're received before the dinner. Call or E-mail your Reservations to Frank Erbacher, C 650-464-3870, n6fg@arrl.net

CARC FOX HUNT

Here's what will happen:

1. Over coffee and cookies we'll review the theory and procedure.
2. The FOX will be hiding in the back lot of the fire station at the start of the club meeting and will be taunting you by sending ARDF signal MOS (da da da da dit dit dit) six times followed by my call sign-- KE6MNJ. This taunt will be sent over and over again as the FOX is programmed to stur around in its den every 30 seconds just to annoy you.
3. Replace the rubber duck omni antenna on your HT with a directional yagi antenna coupled through a 41 dB attenuator.

Fox Hunt cont.

Adjust the attenuator for 0 dB—all switches in the OUT position. Use the yagi in vertical polarization mode.

4. With the yagi replacing the rubber duck, reduce the squelch on your HT to the absolute minimum—just so the receiver is quiet when no signal is heard. Lock in that squelch level. Sweep the yagi about in a 360° circle and make sure you get signal in all directions.
5. Insert -20 dB of attenuation by moving the -20 dB attenuator switch on the attenuator to the IN position.
6. Repeat 360° sweep listening for a peak in signal. Note the direction of the peak.
7. Insert another -10 dB of attenuation at moving the -10 dB attenuator switch to the IN position.
8. Narrow your sweep to the general direction discovered earlier in step 6.

***ARRL UPDATE*****"Force of 50" Steps Up to Assist Hurricane-Ravaged Puerto Rico**

Members of the Amateur Radio community have volunteered to assist in the ongoing recovery from Hurricane Maria, which devastated Puerto Rico and Dominica and, to a lesser extent, the US Virgin Islands. This week, 50 of the most accomplished US radio amateurs responded within 24 hours to a call from the American Red Cross (ARC) to deploy to Puerto Rico and provide emergency communications assistance there. At the ARC's request, ARRL rallied the US Amateur Radio community to provide up to 25 two-person teams of highly qualified hams. ARRL CEO Tom Gallagher, NY2RF, said that more than 350 answered the call, from nearly every state.

"This generous outpouring of response represents the finest qualities of the Amateur Radio community," he said. "These individuals are dropping whatever they are doing now, heading off to an extended hardship-duty assignment, and offering their special talents to Americans who have been cut off from their families, living amid widespread destruction and without electrical power since Hurricane Maria struck the Caribbean region last week."

The group's principal mission will be to move health-and-welfare information from the island back to the US mainland, where that data will be entered in the Red Cross [Safe and Well](#) system. The Salvation Army Team Emergency Radio Network ([SATERN](#)) has been asked to assist these operators when they

check in with tactical, health-and-welfare (H&W), and Safe and Well messages.

SATERN and other active nets are not accepting incoming H&W inquiries. The Caribbean Emergency and Weather Net (CEWN) is taking incoming H&W inquiries via e-mail [for Dominica](#). The Puerto Rico Federal Affairs Administration (PRFAA) is taking inquiries (only one per sender) via e-mail [for Puerto Rico](#). Inquiries should include the full name and location of both the sender and the individual(s) being sought and the sender's e-mail address.

The group will be in Puerto Rico for up to 3 weeks. ARRL has equipped each team with an HF transceiver, software, a dipole antenna, a power supply and all connecting cables, fitted in a rugged waterproof container. In an unprecedented and crucial move, the Federal Emergency Management Agency (FEMA) agreed to help get the Ham Aid gear to Puerto Rico.

The League also is sending two VHF repeaters, a dozen hand-held transceivers, five mobile radios, what Gallagher described as "5 cubic feet of batteries," a number of small 2-kW portable generators, and solar-powered battery chargers. The hams and their equipment will be sent to Red Cross shelters extending from San Juan to the western end of the island.

In addition, ARRL has committed to purchasing up to \$50,000 worth of new Ham Aid gear for this and for future emergencies.

ARRL's Emergency Preparedness Manager Mike Corey, K1IU, said this was the first time in the nearly 75-year relationship between ARRL and the ARC that such a request for assistance had been made. "Hurricane Maria has devastated the island's communications infrastructure," Corey said. "Without electricity and telephone, and with most of the cell sites out of service, millions of Americans are cut off from communicating. Shelters are unable to reach local emergency services. And, people cannot check on the welfare of their loved ones. The situation is dire."

The [Yasme Foundation](#) announced this week that it has made a grant to ARRL's [Ham Aid](#) fund, in support of the Amateur Radio response to the recent hurricanes in the US and Caribbean. The Ham Aid fund was created in 2005 in response to the need for equipment and resources to support the Amateur Radio response to hurricanes Katrina, Rita, and Wilma.

A September 27 [CNN report](#) documented the personal impact of the storm on Puerto Rico and Amateur Radio's role in the recovery.

ARRL Update cont.**How You Can Help**

ARRL President Rick Roderick, K5UR, has asked for contributions to ARRL's [Ham Aid](#) fund. "Equipment has been flying out the door since Hurricane Harvey struck the US mainland," he emphasized. "From meeting requirements in aid

of Hurricane Irma victims in the US Virgin Islands and Florida, our store of Ham Aid kits has been depleted."

ARRL's Ham Aid program loans Amateur Radio equipment kits to established Amateur Radio Emergency Service (ARES®) groups and partner agencies during disaster responses, in order to establish Amateur Radio communication support. Ham Aid is supported by donations from individuals and corporations, including many of our ham radio industry partners.



ARRL has previously staged Ham Aid equipment in Texas as well as supplied kits to Florida, the US Virgin Islands, and Puerto Rico. With the Ham Aid inventory depleted, donations are needed now. Contributions to Ham Aid are 100% tax deductible. To donate online, select "Ham Aid" from the [ARRL donation form](#). To donate by mail, print a donation form, and mail it with your check payable to ARRL, noting "Ham Aid" on the memo line of your check. Mail to ARRL, 225 Main St., Newington, CT 06111 USA.



AMATEUR RADIO HISTORY

THE WAYBACK MACHINE

In our last installment, we learned that the "UHF" spectrum above 25 Mc., which during the 1930s was populated only by amateurs, was now in the center of a battle being fought on many fronts. Amateurs wanted their 10, 5, 2-1/2, and 1-1/4 meter bands back. Major Edwin Armstrong wanted to increase the 42-50 Mc. allocation in the new FM broadcast service. General David Sarnoff of RCA wanted huge chunks of VHF space set aside for television, as well as limited spectrum for FM, a potential rival. And William Paley of CBS wanted UHF -- not VHF allocations for CBS' "color wheel" TV system, which they wanted the FCC to adopt as the television standard, in lieu of RCA's competing system. In addition to these major players, other minor characters were also clamoring for VHF frequencies -- the growing aircraft industry, police departments who were tired of the interference-prone 1700 Kc. police band and wanted to use FM on vhf -- and even businesses to whom the idea of personal two-way communication was now possible. Thanks to the war and the introduction of new VHF and UHF tubes,

the frequencies above 25 Mc. were now the most sought after slice of the RF spectrum.

During late 1944, the FCC held hearings on post-war VHF allocations, in which there were 231 witnesses and 4200 pages of testimony. In November 1944, the first proposal on VHF/UHF allocations was released. See if you could have lived with it...

- 23.5-27 Mc. -- Industrial Applications
- 27-29 Mc. -- Amateur 11 Meter Band (yes, that's right!)
- 29-43 Mc. -- Police, Fire, Emergency, and Local Government
- 43-58 Mc. -- FM broadcasting
- 58-60 Mc. -- Amateur 5 Meter Band (note only 2 Mc.)
- 60-102 Mc. -- TV channels 1-7 (the RCA system)
- 102-108 Mc. -- Non-government Emergency
- 108-132 Mc. -- Aircraft
- 132-144 Mc. -- Government
- 144-148 Mc. -- Amateur 2 Meter Band
- 148-152 Mc. -- Government
- 152-218 Mc. -- TV Channels 8-18 (yes, up to channel 18 and again, the RCA system)
- 218-225 Mc. -- Amateur 1-1/4 Meter Band
- 225-420 Mc. -- Government
- 420-450 Mc. -- Amateur 70 cm Band
- 450-460 Mc. -- Facsimile Broadcasting
- 460-956 Mc. -- UHF Television using the CBS color wheel system

So, under this proposal, our 10 meter band was moved down 1 Mc., we would lose 1/2 of our 5 meter band, we lose 112-116 Mc. but gain 144-148 Mc., our 1-1/4 meter band stays the same, and we gain a large chunk at 420 Mc. The FM broadcast allocation is increased by 85%, police agencies leave the crowded medium wave area for VHF-FM, aircraft has their piece of the pie, and both CBS and RCA have home turfs to battle out the TV standards war. Note also the 450-460 Mc. range allocated to "Facsimile Broadcasting." For those of you who think FAX machines are a recent invention, it may interest you to learn that 60 years ago, a reliable mechanical-electrical FAX system was in use. By the mid-1940s, it was widely believed that every home soon would have a FAX machine. During the night, as you slept, the machine would be tuned to various stations in the 450-460 Mc. range and would print out the next day's newspapers, magazines and catalogues, for you to read in the morning. Another proposal was for a "Veteran's Band", which would be a 2000 Mc.-wide slice of the spectrum above 10,000 Mc. This proposed band would be

available for war veterans (and ONLY war veterans) in any way they desired.

The ARRL was quick to object to the proposed allocations. It was not acceptable to amateurs to move our 10-meter band down 1 Mc., to eliminate 50% of 5 meters, and to upset the harmonic relationship of our bands by moving us from 112 up to 144 Mc. The FCC capitulated on 10 and 5 meters, as we will see in a moment. As for the 144-148 Mc. band -- the FCC was firm. 112- 116 Mc. was going to aircraft. Furthermore, the FCC wanted our amateur bands above 100 Mc. to be next to government allocations, so that in time of war or national

emergency, they could be used for the expansion of essential governmental radio services. The needs of the government, per the FCC, outweighed the need for a strict harmonic relationship between the amateur bands. Meanwhile, while the ARRL was arguing over our allocations, General Sarnoff was conducting his campaign behind the scenes. He couldn't eliminate the CBS color wheel UHF system because, at that time, CBS was producing beautiful, lifelike color pictures that impressed the FCC. But he could attack FM. A big deal was made out of the claim that FM broadcasting needed to be moved higher in the VHF range to eliminate interference caused by Sporadic-E skip. Sarnoff, of course, wanted these frequencies for TV. He never explained, and no one seemed to ask, how TV would not be affected. In fact, TV, with its amplitude modulated video signal, would be more susceptible to "E" skip than FM with its capture effect. RCA however had power, money, and influence, and Major Armstrong found he was no match for the corporate giant.

On January 15, 1945, the FCC issued a revised allocation proposal:

25-28 Mc. -- Fixed, Mobile, Industrial, Scientific and Medical

28-30 Mc. -- Amateur 10 Meter Band

30-44 Mc. -- Police, Fire, and Various Governmental Allocations

44-50 Mc. -- TV Channel 1 (now you know where it was!)

50-54 Mc. -- Amateur 6 Meter Band

54-84 Mc. -- TV Channels 2-6

84-102 Mc. -- FM Broadcasting

102-108 Mc. -- Possible Facsimile Broadcasting

108-132 Mc. -- Aircraft

132-144 Mc. -- Government

144-148 Mc. -- Amateur 2 Meters

148-152 Mc. -- Government (note 2 meters sandwiched between two government bands)

152-162 Mc. -- Police, Fire, and Other Local Government

162-170 Mc. -- Government

170-180 Mc. -- Navigational Aids

180-216 Mc. -- TV Channels 7-12 (note that TV only gets 12 channels here)

216-220 Mc. -- Government

220-225 Mc. -- Amateur 1-1/4 Meter Band

225-420 Mc. -- Government, Including Military Aircraft

420-450 Mc. -- Amateur 70 cm Band

450-460 Mc. -- Air Navigation

460-470 Mc. -- A New "Citizens' Band" (which would eventually evolve into Class A and Class B CB, then into GMRS and the new FRS)

470-480 Mc. -- Facsimile Broadcasting

480-940 Mc. -- Experimental TV (for the CBS system)

Yes, this proposal sounds a lot like what we have today, but the battle was only beginning. Major Armstrong was not giving up on an FM band in the 43-58 Mc. area. He didn't want the thousands of FM receivers and dozens of stations now on the air to suddenly become obsolete. CBS was still convinced that UHF was the place for TV, and their system

was the best. During the first half of 1945, the battle would rage with many more proposals to come forth.

Join us next time as "The Wayback Machine" continues to watch this epic battle.

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COMING EVENTS

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

<https://pacificacert.samariteam.com/RequestInfo.aspx>

email: <mailto:cert@pacificapolice.org>

QCWA NorCal Chapter 11 - Lunch at Harry's Hofbrau

3rd Wednesday of every month

1909 El Camino Real Redwood City, CA.

No host. 11:00AM to 1:00PM (approx).

ASVRO Silicon Valley Electronics Flea Market

2nd Saturday of each month from March through October.

De Anza College in Cupertino, CA. 7AM to noon

Web Page: <http://www.electronicfleamarket.com/>

Talk-In: W6ASH 145.27- (100Hz PL)

N6NFI 145.23- (100Hz PL)

LICENSE EXAMS

Bay Area Educational Amateur Radio Society

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

When: See Website

Where: See Website

Registration required, class size is limited.

Web Page: <http://www.baears.com/> for info and registration.

Questions: Ross Peterson (650) 349-5349 or wb6zbu@arrl.net

Silicon Valley Volunteer Examiner Group

First and third Saturdays of each month, 8AM-11:00AM.

Saratoga Fire Station 14380 Saratoga Ave, Saratoga, CA

Fee: \$15

Walk-ins only, No pre-registration

Web Page: <http://www.svve.org>

Sunnyvale VEC Exam Sessions

Fee: \$15 Cash

Cut-off-time, 30 min. after starting time.

Exam: changes, directions, call (408) 255-9000 24/hr

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

Sat	Oct. 14th	Sunnyvale, CA	10:30	AM
Sat	Nov. 18th	Redwood City, CA	10:30	AM

Online Practice Exams

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

CARC MEETING/EVENT SCHEDULE

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

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



www.smcready.org
cert@pacificapolice.org



In Memoriam



Roger G. Spindler-WA6AFT/SK

THE COASTSIDE AMATEUR RADIO CLUB

The Coastsides Amateur Radio Club (CARC) is affiliated with ARRL, and meets the second Wednesday of each month at 19:30 hrs. in the Linda Mar Fire Station Community Room, on Linda Mar Blvd. in Pacifica. Visitors are welcome.

The CARC has been organized since 1959, serving Bay Area amateurs, and providing emergency communications services to the City of Pacifica. Membership dues are \$20.00 per year for the administration of the Club and the publication of the Communicator.

CARC supports two repeaters, WA6TOW/R (VHF and UHF); a Packet Digipeater, WA6TOW-1; and an APRS Digipeater, WA6TOW-2. Users of the machines provide repeater support and maintenance strictly through donations.

VHF: 146.925 MHz –offset 600 KHz PL 114.8
UHF: 441.075 MHz +offset 5 MHz PL 114.8

PL Tone: 114.8 Hz is used on both repeaters, as needed, for noise suppression.

Packet Digipeater: 145.050 MHz, Packet Node: PAC
APRS Digipeater: 144.390 MHz.

CARC/Pacifica OES VHF Simplex: 146.535 MHz
PL Tone: 114.8 Hz is used, as needed, for noise suppression

VHF Net

The club sponsors a VHF net each Wednesday, with the exception of meeting nights, at 20:00 hrs. for membership check-ins, notices, and QST's. Note: The WA6TOW repeater on 441.075 MHz may be used as an alternate if the WA6TOW VHF repeater is down.

HF Net

The club sponsors a HF rag chew net on 3.852 MHz, or the first clear frequency up/dn, on Saturday at 09:00 hrs. with an alternate frequency of 7.228 MHz.



The Coastsides Communicator is a monthly publication of the CARC. All articles contained herein are the opinions of the authors and not necessarily those of the club members or editor.

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CARC, P.O. Box 1106, Pacifica, CA 94044



COASTSIDE NETS

Monday

7:00 PM on WA6TOW
146.925 MHz, PL 114.8
Pacifica CERT Net

7:30 PM on WA6TOW
146.925 MHz, PL 114.8
San Bruno ARC Net

Tuesday

7:30 PM on WA6TOW
146.925 MHz, PL 114.8
Daly City ARES Net

8:00 PM on WA6TOW 146.925 MHz, PL 114.8 and KC6ULT 146.865 MHz, PL 114.8 simultaneously, but not linked.
San Mateo County ACS Net

Wednesday

8:00 PM on WA6TOW
146.925 MHz, PL 114.8
Coastside Amateur Radio Club Wednesday Night Check-in.

Saturday

9:00 AM on 3.852 MHz, or the first clear frequency up/dn.
(alt freq of 7.228 MHz.)
Coastside Saturday Morning Group.

10:00 AM on WA6TOW
146.925 MHz, PL 114.8
QCWA Ch. 11 NorCal. Net

Sunday

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

CLUB OFFICERS				
Office	Name	Call	Phone	E-Mail Address
President	Mary Ellen Scherer	AJ6J	(415) 239-4513	aj6j@arrl.net
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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
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Membership	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
Newsletter Editor	David Rinck	K6DMR	(650) 355-1778	k6dmr@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:

**OCT 11TH
LINDA MAR FIRE STATION
PACIFICA
7:30PM**

**OCTOBER'S MEETING
OFFICER'S NOMINATIONS
AND
CARC FOX HUNT**

COASTSIDE COMMUNICATOR

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

FIRST CLASS

TO:

58 Years



of Service