



THE COASTSIDE COMMUNICATOR

VOL. 48, No. 5

MAY 2016

WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

Greetings,

May is our Ice Cream and Pie Social, after the meeting. Roy, KE6MNJ, indicated he would bring Pies; I will bring the Ice Cream.

At the meeting, I want to have a discussion on what it will take to move our repeater replacement project forward. I have become aware that some of our competing repeaters also have noise or dependability issues, so is there is some event that would require the use of the repeater; I would like ours to be in top condition.

We are still working on the dates for our excursions to the Maritime Radio Historical Society, the Hiller Aviation Museum, and the Potomac.

Radio events that are coming up are Field Day on June 25th & 26th, and the Devil's Slide Ride on July 23rd.

I hope to see you at the meeting on May 11th.

73,
Walt, KG6EDY
Club President

APRIL MINUTES

At 7:34PM Club President Walt Long-KG6EDY called the meeting to order at the Linda Mar Round Table Pizza in Pacifica. Self-introduction by the members and guests followed.

No corrections to the minutes were noted. It was moved to approve the minutes as published in the *Coastside Communicator* by Frank Erbacher-N6FG, and seconded by Garry Barnes KI6HIG. The motion was passed by unanimous vote of the membership present.

TREASURER'S REPORT

Club Treasurer Frank Erbacher-N6FG read the report of the club's financials: \$3388.80 in the General Fund; \$3480.51 in the Repeater Fund; \$787.41 in the Digipeater Fund and

\$9075.11 in the EOC/Public Service Fund. These individual fund totals add up to a club total of \$16731.83.

The treasurer paid to himself \$15 for printing and mailing of the April 2016 *Coastside Communicator* newsletter.

MEMBERSHIP

Club membership now stands at 64 total (revised from previous minutes as the treasurer reminded me to look at the correct column on his report!) Our ARRL ratio stands at 72%.

COMMUNICATIONS

The March 2016 US Bank statement was received. Also, newsletters were received from Santa Cruz *Short Skip*, SFARC, SCARA, SFHRC, and the SCCRA.

COMMITTEE REPORTS

REPEATER

Casey N6TZE reported that he is still working on setting up the new equipment in a rack for testing. He still hasn't got the cavities yet.

AUTO-PATCH

No report. Still not working.

DIGIPEATER

No Report

APRS

No Report

EMERGENCY SERVICES

No Report

FIELD DAY

Walt has invited a San Bruno Boy Scout troop to attend our Field Day site.

FOG FEST

No Report

NEWSLETTER

Published

WEBSITE

No Report

UNFINISHED BUSINESS

Field trip updates: USS Potomac – no update. Hiller Museum – Ralph Bailey-K6DLZ reported that the museum will give club members discounted admission for our group. A date has not been decided on yet.

Maritime Historical Society – Roy Brixon-KE6MNJ has moved our expedition to mid-May. He will provide final details at the next meeting.

NEW BUSINESS

It was mentioned that two amateur astronomers had reported that an asteroid had hit Jupiter, and they had seen the plume from the event.

Also mentioned was the Silver Dragon event that would be held tomorrow, Thursday April 14th.

ADJOURNMENT

It was moved, seconded, and unanimously approved by the members present that the meeting be adjourned at 7:48PM.

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: Dave Lawrence-KF6TWW; Treasurer: Frank Erbacher-N6FG.

Members: Gary Barnes-KI6HIG, Roy Brixon-KE6MNJ, Ralph Kugler-KC6YDH, Steve Paganelli-KK6YUA, Casey Villyard-N6TZE, Josh Villyard-N6TZF, Audrey Villyard-WA2KPS, Carmel Gallagher-KJ6ERS, Tom Oliver-KJ6OGL, Barbara Erbacher-K6IIP, and Dave Rinck-K6DMR.

Visitors: Mary Elizabeth Drake-no call.

Reported by Dave-KF6TWW, Secretary

Field Day is June 25-26
Mark your calendar

**NEWS****CARC FIELD DAY 2016- JUNE 25TH AND 26TH, 2016**

CQ! CQ! We need Club Members and others to sign up for set up, take down and operate for this annual ARRL Nationwide and Canada event. The event all try to contact as many Amateur Radio Stations as possible who are operating in US and Canadian territory. Operation is for 24 hours continuously. Our club operates at the Portola Discovery Site, GGNRA, Sweeney Ridge, a vehicle restricted area. Vehicle access is controlled by a locked gate. We receive the combination usually the day before this event. Our Club's Field Day operation usually consists of 2 HF Stations with a full sized 20, a 15 meter beam up about 30 feet, 40 and 80 meter inverted vees and a VHF/UHF FM station. We will scale operations up or down as needed according to the number of volunteers and the set up/down help.

Even if you may only stay and assist for a short time, please come. There are a variety of skills needed, including beginner level. Come try your hand at operating.

Starts 8 AM-Saturday. Operating starts at 11 AM and Ends Sunday 11 AM with Tear Down following. We are off the hill about 1:30PM.

Overnight operators usually sleep in their parked cars. Others go home to rest and come up later to operate and/or take down. FIRST TIMERS are WELCOMED! All who attend must be either a club member or accompany a Club Member. Further information next month.

IF INTERESTED, please contact Field Day Chairman Frank N6FG, 650-355-4355 (Also for Gate Combination FD Weekend- Friday until Sunday), Cell 650-464-3870, n6fg@arrl.net or David Rinck K6DMR, 650-464-1352. k6dmr@arrl.net

ARRL UPDATE**Sign Up Now to Discover the HF Experience at Hamvention's ARRL EXPO!**

A new feature of ARRL EXPO at Dayton Hamvention®, May 20-22, 2016, will be "Discover the HF Experience" -- an exhibit and initiative for new operators and for those lacking experience with ham radio on HF. Comparable HF operating positions will be available, along with mentoring on how to make an HF contact. Anyone interested can book a 30-minute session, one to a guest, and no license is required. Experienced operators will be on hand to help.

"Our priority is non-hams, new hams, or those who have not experienced HF operation," said Gerry Hull, W1VE, who

arrr update cont.

established the Discover the HF Experience program with Cary Rubinfeld, VE4EA. Inaugural Discover sessions in early April in Winnipeg, Manitoba, and Framingham, Massachusetts, each attracted about 50 attendees. "More were long-time hams who spent more time on VHF than HF," Hull said. "Some had given up HF long ago and gone to VHF." Most of the visitors at both locations, however, were hams who already operate HF, but wanted a refresher.

The initial sessions combined hands-on operating with talks on various aspects of Amateur Radio and of HF operating in particular. Hull said topics covered in supplementary talks at the Massachusetts session included radios, antennas, and where to find help and information. Due to time constraints, Dayton's Discover will offer just the HF operation component, and the program has been adjusted appropriately. Hull said a team "with great Elmers" will be at ARRL EXPO for all 3 days of Hamvention.



Also for newcomers attending Hamvention, the League will sponsor the first-ever ARRL Youth Rally on Saturday, May 21, open to youth and young adults from 11 to 26. Register by May 1. The Youth Rally will feature a full program of hands-on ham radio activities, discovery, sharing, and fun!

A Work in Progress

Recalling the Massachusetts Discover session, Hull said, "In working with the 'students' at the stations, it was readily apparent that a Technician license does not prepare anyone for HF operation, so we learned to explain more."

Some operating techniques covered were pretty basic fare for HF veterans, but essential for newcomers to that part of the Amateur Radio spectrum. These included how to call CQ, how to respond to callers, and provide a signal report. "They did not understand the QSO sequence and other aspects," Hull said. "They were pretty green about HF -- more so than I had anticipated." Hull allowed that many, if not most, newcomers study for their Technician ticket by looking at the question pool and answers and probably not learning very much about hands-on ham radio.

"Operating a station needs to be a mandatory step, not voluntary," Hull stressed. "My goal, and that of everyone associated with this idea, is to get people *excited* about HF."

Hull had approached ARRL EXPO Manager Bob Inderbitzen, NQ1R, to propose bringing "Discover the HF Experience" to ARRL EXPO. "The exhibit ties in well with ARRL's recently adopted Strategic Plan and our goal to encourage members to get involved, get active, and get on the air," Inderbitzen said.

ARRL, ARISS Representatives Attend 2016 USA Science and Engineering Festival in DC

The ARRL and Amateur Radio were well represented April 15-17 at the 4th Biennial 2016 USA Science and Engineering Festival in Washington, DC. Scientists, engineers, educators, and students attended the premier science, technology, engineering, and mathematics (STEM) event, where major



Fourteen-year-old Marty Sullaway, KC1CWF (left), connected to and ran his home station in Waban, Massachusetts, from the Framingham "Discover the HF Experience" session on April 10. Dennis Egan, W1UE (right), operated W1KM on Cape Cod. [Brian Szewczyk, NJ1F, photo]

academic learning centers and research institutes joined forces with corporate partners and government agencies to bring the excitement of leading-edge learning, fun, and discovery to communities

"Amateur Radio volunteers from the ARRL Maryland-DC Section assisting at the ARRL booth -- graciously funded by Lee Ciereszko, N4TCW -- were joined by ARRL Headquarters staff, and Atlantic Division leadership," said Maryland-DC (MDC) Section Manager Marty Pittinger, KB3MXM. "We had the pleasure of meeting numerous visiting hams from across the country and around the world. It was a privilege to share in this opportunity to network with many educators, corporate executives, military, and local civic groups -- and to share with them the multifaceted role that ARRL plays in STEM."

Pittinger said the spacious DC Convention Center was completely filled with STEM-related organizations from across the US, many offering hands-on demonstrations. Estimates put the number of visitors at more than 365,000, and the ARRL MDC Section booth staff greeted approximately 4000 eager and enthusiastic visitors during the 3-day event, Pittinger said. "We demonstrated Lenz's Law with copper-pipe and neodymium magnets; MESH networks; Morse code, and emergency communications," he recounted. "We also offered information about the ARRL Teachers Institute on Wireless Technology, part of the educational STEM outreach by the ARRL to schools through its Education & Technology Program (ETP)." ARRL Education Services Manager Debra Johnson, K1DMJ, was on hand to talk about the Teachers Institute and answer questions.

arrrl update cont.

Elsewhere at the Festival, Amateur Radio was also represented at the Amateur Radio on the International Space Station (ARISS) exhibit, located in the Center for the Advancement of Science in Space's "Space Station Explorers" display, part of NASA's presence. ARISS team members, including Johnson, and Rosalie White, K1STO, of ARRL; ARISS International Chair Frank Bauer, KA3HDO, and AMSAT's ARISS representative Dave Taylor, W8AAS, were on hand to tell the ARISS story. They also served as hosts for a Saturday afternoon ARISS contact with ISS crew member Tim Peake, KG5BVI, and members of the Boys and Girls Clubs of Greater Washington, DC.-- *Thanks to MDC SM Marty Pittinger, KB3MXM*

FCC Invites Comments on Petition to Eliminate 15 dB Gain Limit on Amateur Amplifiers

The FCC has put on public notice and invited comments on a *Petition for Rule Making* (RM-11767), filed on behalf of an amateur amplifier distributor, which seeks to revise the Amateur Service rules regarding maximum permissible amplifier gain. Expert Linears America LLC of Magnolia, Texas, which distributes linears manufactured by SPE in Italy, wants the FCC to eliminate the 15 dB gain limitation on amateur amplifiers that's spelled out in §97.317(a)(2). Expert asserts that there should be no gain limitation at all on amplifiers sold or used in the Amateur Service.

"There is no technical or regulatory reason [that] an amplifier capable of being driven to full legal output by even a fraction of a watt should not be available to Amateur Radio operators in the United States," Expert said in its *Petition*.

Expert maintains 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. While the FCC proposed in its 2004 *Notice of Proposed Rulemaking and Order* in WT Docket 04-140 to delete the requirement that amplifiers be designed to use a *minimum* of 50 W of drive power and did so, it did not further

discuss the 15 dB amplification limit in the subsequent *Report and Order* in the docket.

"Although no party advocated retention of the 15 dB limit, it remains in place today," Expert pointed out in its filing. "In the intervening years, advancements in Amateur Radio transmitter technology have led to the availability of highly compact, sophisticated, low-power transmitters that require more than 15 dB of amplification to achieve maximum legal power output. Therefore, Expert seeks to remove the 15 dB limit from §97.317 so that Amateur Radio manufacturers and

distributors will not be forced to needlessly cripple their amplifiers for sale in the United States."

***EchoLink* VoIP Service Proving Valuable in Handling Ecuador Earthquake Traffic**

What you see on the news is only the tip of the iceberg of what really happened as a result of the devastating April 16 earthquake in Ecuador, Michigan physician Rick Dorsch, NE8Z/HC1MD, told ARRL. Since the 7.8 magnitude quake hit while most people were at home finishing dinner, "thousands of people" remain buried in the rubble of collapsed buildings, he said, although some have been found alive. Dorsch and his wife Maria, HC1MM, also a physician, have been helping to handle health-and-welfare traffic via [EchoLink](#), which is connected to the Ecuadorean interlaced national 2 meter repeater network.

"*EchoLink* is actually a fantastic Amateur Radio service," Dorsch told ARRL. "It has become extremely useful for the hams there to reach out to the outside world via 2 meters." (Other reports have indicated that some *EchoLink* nodes have been shut down to save power.)

HF also is playing a role, and radio amateurs have been asked to give 7.060 MHz (LSB) a wide berth while the Cadena HC Net handles emergency traffic. Dorsch said some problems have cropped up from DX pileups that have overlapped the net's frequency.



The destroyed home of well-known DXer Lilian de Ayala, HC4L. [Courtesy of Rick Dorsch, NE8Z/HC1MD]

Dorsch pointed out that while most of the damage was in the HC4 areas of Manabí and Esmeraldas

provinces and the HC2 area of Guayas Province, what's *not* seen from the outside is the heavy damage to surrounding small fishing villages and colonial towns that were leveled. Fortunately the Portoviejo Radio Club was undamaged, and members have been operating from there. Dorsch said that electrical power is starting to return, and the cellular network is still "iffy," but the Quito Radio Club is providing battery-powered cellphone charging stations.

A lot of health-and-welfare traffic is headed not only between Ecuador and the US but to Spain, Chile, and elsewhere, he reported. Dorsch said more bilingual Spanish-English speakers are needed on the HC1BG-R *EchoLink* channel.

arrl update cont.

While power has been knocked out over much of the affected region, Dorsch said, he's witnessing hams all over Ecuador operating from mobile stations, portable stations, and, in some cases, from home. "All of the Ecuadorean radio clubs have been on high alert and are helping in search-and-rescue efforts," he said. "Ham radio at its best!"

On a more positive note, Dorsch said that noted DXer Lilian "Mami" de Ayala, HC4L, barely escaped death or serious injury when her home collapsed. The 85-year-old, who lives in Portoviejo, was in her radio room seconds before the earthquake hit. "Her granddaughter had come over to visit, so

Lilian went into another part of the house," Dorsch said. Her radio room and home were destroyed, and her next-door neighbor was among the casualties. She's still in shock and can't believe she's alive," Dorsch told ARRL. Local hams have removed her personal effects and ham radio gear to a safe location.



Lilian "Mami" de Ayala, HC4L. [Courtesy of Rick Dorsch, NE8Z/HC1MD]

"For more than 40 years, de Ayala had been a regular check-in on the Cadena HC Net on 40 meters. "It's ironic that the one person who lost all of her radio equipment was the one who organized radio emergency services for so many years," Dorsch said. Her tower and antennas survived, because they were mounted on the roof of her son's home next door. -- *Thanks also to Ramón Santoyo, XE1KK, IARU Region 2 Vice President*

National Parks on the Air Update

National Parks Week is April 16-24, and [NPOTA](#) activity is through the roof! Saturday, April 23, offers two events: International Marconi Day ([IMD](#)) and the National Park Service's "Instameet" on the social media site Instagram. People will be posting photos of themselves as they enjoy being in an NPS unit, using the hash tag #FindYourParkInstameet. If you're an Amateur Radio operator and on Instagram, April 23 will be a great day to get some visibility for NPOTA on social media.

The ARRL is looking for high-quality photos and video of NPOTA activators in the field for display at the Dayton [Hamvention](#)® NPOTA booth! Photos and video should be high-resolution and tell a story that includes both ham radio and details about the park unit. E-mail us, if you have material to share. There will be 42 activations on the air April 21-27, including Tonto National Monument (MN70) in Arizona, and Colonial National Historic Park (HP09) in Virginia. Details about these and other upcoming activations can be found on the NPOTA Activations calendar.

Amateur Radio Praised Following Participation in Washington Interoperability Exercise

Amateur Radio came in for high praise following its role in a March 30 to April 3 Washington National Guard interoperability communication exercise, sponsored by the US Northern Command. The so-called "Vital Connection-Cascadia 2016" exercise was aimed at improving interoperability among Department of Defense entities, federal, state, and local first responders, and Amateur Radio operators. Interoperability was tested on 5 MHz frequencies. The spring drill was a run-up to June's "Cascadia Rising/Vigilant Guard/Ardent Sentry" exercise. It included voice and data radio and satellite communication plus video integration from airborne assets.

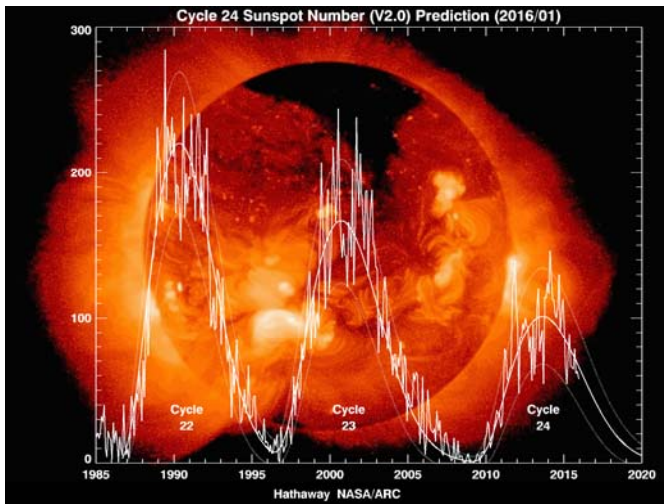
"The largest success of this exercise by far was the use of the 60 meter HF interoperability bands to successfully pass voice and data traffic between military and civilian entities," the *After Action Report* said. "There was great integration among military units from Washington and other states, Army and Air Force MARS, Washington State Guard, state and county EOCs, and the ARES and RACES Amateur Radio communities."

Lt Col Lawrence Hager of the Washington Air National Guard also had kind words for Amateur Radio. "I would like to thank everyone who participated in the Vital Connection-Cascadia [communications exercise]," he said. "We had many successes, such as HF radio interoperability between military, government, and civilian sectors on the 60 meter (5 MHz) band." Hager is an Air Force officer responsible to The Adjutant General (TAG) for communications in both the Army Guard and Air Force Guard.

"It was truly a pleasure exercising with you folks," allowed State RACES Officer Ed Leavitt, K7EFL, in a message to the Washington National Guard. "Thanks for inviting us." Regarding the use of the 60 meter channels as a conduit for outreach to civilian entities, Leavitt said, "While I am hesitant to use phrases like 'This has never been done before,' I suspect that may actually be the case."

ARRL Western Washington ARRL Section Manager Monte Simpson, K2MLS, who is also Washington State RACES Officer, said the feedback he's received regarding Amateur Radio participation has been positive. "The 60 meter band proved to be excellent," he said. "While at the State EOC I had the occasion to hear a 60 meter conversation that was crystal clear with nearly no noise. The Mason County Emergency Coordinator/RACES Officer reported that he had used *Fldigi* to communicate with the National Guard. The Washington State Guard provided soldiers who are Amateur Radio operators as the ham radio connection to the National Guard."

SOLAR UPDATE



Tad Cook, K7RA, Seattle, reports: This week solar indices again crept lower. Average daily sunspot numbers declined by 8 points to 20.4, and average daily solar flux went down by 2.4 points to 86.4. Geomagnetic indices softened, with planetary A index down by 3 points to 8.9, and the mid-latitude A index down by 1.2 points to 7.4.

Just one new sunspot appeared since March 17, and that was on March 24.

Predicted solar flux values from USAF and NOAA saw a major downward shift on March 28. Overnight, the predicted average daily solar flux for the 38 days from April 4 through May 11 dropped from 91.6 to 82.2. You can see this by downloading the spreadsheet.

Predicted solar flux is 85 on March 31 through April 5; 80 on April 6-9; 85 on April 10-11; 80 on April 12-17; 85 on April 18-24; 80 on April 25-28, and 85 on April 29 through May 2.

Predicted planetary A index is 8, 10, 26, and 16 on March 31 through April 3; 8, 12, 10, 5, and 10 on April 4-8; 5, 15, 24, 22, and 20 on April 9-13; 8 on April 14-15; 5 on April 16-22; 12 on April 23-24; 8 on April 25; 5 on April 26-28, and 25 on April 29-30.

Sunspot numbers for March 24 through 30 were 25, 24, 23, 23, 13, and 12, with a mean of 28.4. The 10.7 centimeter flux was 86.5, 85.5, 85.5, 88.2, 87.7, 87.8, and 83.8, with a mean of 88.8. Estimated planetary A indices were 7, 6, 3, 13, 10, 11, and 12, with a mean of 11.9. Estimated mid-latitude A indices were 7, 6, 2, 10, 9, 8, and 10, with a mean of 8.6.

COMING EVENTS

CERT Training – North County Fire Authority
See <http://www.northcountyfire.org> for more info.

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: May 7th 2016
Where: Google Crittenden Building 1300 Crittenden Lane Mountain View, CA 94043
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	May 14th	Sunnyvale, CA	10:30	AM
Sat	May 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 13th	2016 Agenda Planning, LM Fire Station
Feb 10th	Agenda Final, & Brief Intro 3D Printing, LMF
Mar 9th	Drones Demo w/N6TZF , LM Fire Station
Mar 13th	Daylight Savings Time Begins
Apr 13th	Pizza Night, Round Table Pizza, LM Shop Ctr
Apr 14th	Silver Dragon CERT Exercise, 0730-1300 hrs
Apr 24th	Dream Machines, El Granada
May 11th	Meeting Night, LM Fire Station
Jun 8th	Field Day Planning Mtg, LM Fire Station
Jun 25-26	CARC Field Day, Sweeney Ridge
Jul 8th	Field Day Wrap-Up Mtg, LM Fire Station
Jul 23rd	Devils Slide Ride, PARCA Bike Event
Aug 10th	Meeting Night, LM Fire Station
Sept 14th	Meeting Night, LM Fire Station
Sept 26-27	Pacific Coast Fog Fest, Pacifica
Oct 6th	Daylight Saving Time Ends
Oct 12th	2017 Officer Nominations, LM Fire Station
Nov 12th	Election Dinner
Dec 14th	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

57 Years



of Service

47 Years



Affiliation

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

5:00 PM on WA6TOW
146.925 MHz, PL 114.8
Pacifica CERT Net

CLUB OFFICERS				
Office	Name	Call	Phone	E-Mail Address
President	Walt Long	KG6EDY	(650) 467-6990	kg6edy@arrl.net
V. President	Ralph Bailey	K6DLZ	(650) 341-6236	kc6dlz@aol.com
Secretary	Dave Lawrence	KF6TWW	(650) 595-2827	lawrence.david.l@gene.com
Treasurer	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
CLUB STAFF				
Control Operator	David Rinck	K6DMR	(650) 359-8997	k6dmr@arrl.net
Emergency Services	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
Field Day	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
Membership	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
Newsletter Editor	David Rinck	K6DMR	(650) 359-8997	k6dmr@arrl.net
Newsletter Publisher	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
Station Technician	Michael Herbert	WB6JKV	(650) 355-6541	wb6jkv@pacbell.net
Trustee of Club Call	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
Website	Scott Mercer	KI6SEJ	-	ki6sej@arrl.net



**MEETING
NOTICE:**

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

**ICE CREAM AND PIE
SOCIAL
AFTER MEETING**

COASTSIDE COMMUNICATOR

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

FIRST CLASS

TO:

