



THE COASTSIDE COMMUNICATOR

VOL. 48, No. 4

APRIL 2016

WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

Greetings,

Pizza! Our April Meeting is our Pizza meeting at Round Table on Linda Mar Blvd., in Pacifica.

We have the front room reserved from 7 pm to 9 pm. The added half hour before the Meeting is to allow time to order food before the Meeting starts.

Our excursion to the Maritime Radio Historical Society is planned for late April or early May.

The dates for the Hiller Aviation Museum and the Potomac are to be determined.

I want to thank Josh, N6TZF, for his Drone presentation at the March Meeting.

I hope to see you at the meeting on April 13th.

73,
Walt, KG6EDY
Club President

MARCH MINUTES

At 7:32PM Club President Walt Long-KG6EDY called the meeting to order at the Linda Mar Fire Station in Pacifica. Walt requested a moment of silence in memory of Jane Bailey-KF6PGF-SK and Ernie Filppo-KI6ODG-SK, who passed recently. 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 Tom Oliver-KJ6OGL, and seconded by Frank Erbacher-N6FG. 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: \$3303.80 in the General Fund; \$3450.51 in the Repeater Fund; \$777.41 in the Digipeater Fund and \$9075.11 in the EOC/Public Service Fund. These individual fund amounts add up to a club total of \$16606.83.

The treasurer paid to himself \$21 for printing and mailing of the March *Coastside Communicator* newsletter and 2016 Renewal Form.

MEMBERSHIP

Club membership stands at 70 total.

COMMUNICATIONS

The February 2016 US Bank statement was received. Also, newsletters were received from Santa Cruz *Short Skip*, SFARC, SCARA, SFHRC, SCCRA, and the GEARS *The Radiator*. Also received was a flier for the Valley of the Moon ARC Hamfest 2016.

COMMITTEE REPORTS

REPEATER

Casey N6TZE reported that testing of the new repeater equipment will begin as soon as the correct cavities are acquired.

AUTO-PATCH

No report. Still not working.

DIGIPEATER

No Report

APRS

No Report

EMERGENCY SERVICES

No Report

FIELD DAY

A question was asked about extra credit from AARL for operating from a park site. Tom Oliver-KJ6OGL said he would look into this and report his findings at next month's meeting.

FOG FEST

No Report

NEWSLETTER

Published

WEBSITE

No Report

UNFINISHED BUSINESS

Field trip updates: USS Potomac – no update. Hiller Museum – no update.

Maritime Historical Society – Roy Brixon-KE6MNJ has decided on the last Saturday in April or the 1st Saturday in May. Club members OK'd him to confirm either date with the Society and announce trip date to the club.

NEW BUSINESS

Roy has some items to sell and asked how to let Club members know. Frank suggested that he contact our editor, Dave Rinck-K6DMR, to put an ad on the club website.

Club secretary Dave Lawrence-KF6TWW reported that the reservation has been made at the Linda Mar RTP for the April club meeting. We're all set.

Walt announced that volunteers are needed for the Pacific Coast Dream Machines event in April in Half Moon Bay, and also for the Calistoga-to-Santa Cruz relay race set for April 30-May 1st. Contact him for more info.

ADJOURNMENT

It was moved by Casey Villyard-N6TZE, seconded by Bob Barbitta-W6LOG, and unanimously approved by the members present that the meeting be adjourned at 7:57PM. After a short break, Joshua Villyard-N6TZF commenced with his presentation on his racing drone, "Fast and Furious."

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: Members: Gary Barnes-KI6HIG, Roy Brixon-KE6MNJ, Bill Lillie-N6BCT, Ralph Kugler-KC6YDH, Bob Barbitta-W6LOG, Steve Paganelli-KK6YUA, Paul Atkins-AI6BB, Casey Villyard-N6TZE, Josh Villyard-N6TZF, Audrey Villyard-WA2KPS, Carmel Gallagher-KJ6ERS, Tom Oliver-KJ6OGL, Lucas Ford-W6AER, Richard Lira-KK6PCC.

Visitors: Tony Fowler- K6BB

Reported by Dave-KF6TWW, Secretary



NEWS

***REMEMBERING JANE BAILEY-
KF6PGF SILENT KEY***

Jane passed away in March, and for 62 years was married to our current Vice President and past President Ralph Bailey-K6DLZ. She was a friend to all who knew her. Many will remember her for bringing goodies to meetings especially her sweet potato casserole for the December Holiday meeting. She was the one who procured our red CARC Club badges for members. She was licensed about 10 years ago. A member before then with Ralph, a 20+ year member, she attended many of our meetings and CARC trips and brought her cheery personality, charm and laughter to our events.

Jane and Ralph owned a small plane until recently, and of course, she had a pilot's license. Captain Jane as Ralph called her and boy did she *Fly*. Jane logged 4,000 miles cross country miles in command! She was a member of the 99's Women's Pilot Association and past Secretary for Golden West 99's. She was also an avid bowler for 56 years and a member and past President of the Peninsula Bowling Association. Whenever their conventions were too far to drive to, she of course, had to grab a few bowlers and fly them there. Ralph was the mechanic and equipment master so all was safe. Ralph called her "Captain Jane". Her FCC given call sign "Pretty Good Flyer" was an understatement.

Jane had a 22 year career in banking, so she always had a sharp eye for numbers and legal documents especially at meetings. She also had been the past president of a number of other organizations over her life time.

We'll feel her loss but can celebrate having known her.

A sad 73's. Frank- N6FG

ARRL UPDATE

ARRL Asks FCC to Restore Balance of Modes on 80 and 75 Meters

In comments filed on March 23 on its *Petition for Rule Making* (RM 11759) seeking changes to 80 and 75 meters, the ARRL has told the FCC that its primary objective is to "rebalance" the bands by correcting a 10-year-old FCC error.

"ARRL's proposal is not fairly viewed as a proposal to take anything away from anyone," the League's comments assured. "It is more properly viewed as the effectuation of a fair, equitable, and efficient 'band plan' looking forward for the foreseeable future that balances everyone's needs, and which remedies a plainly unfair plan, imprudently created in the 2006 *Report and Order* in WT Docket 04-140."

Prompting the League's assurances were comments filed on the ARRL's *Petition* by a number of Amateur Extra class licensees, who felt that refarming 3600 to 3650 kHz for data modes could prove to be a disincentive to General licensees to upgrade. Others commenters saw it as an unfair spectrum grab. The ARRL noted that prior to 2006, the band was evenly divided between RTTY/data and phone/image subbands, with the RTTY/data subband extending from 3500 to 3750 kHz, and the phone/image subband extending from 3750 to 4000 kHz. The 2006 FCC *Report and Order* "substantially altered" what the League called "this even division of emission types."



In outlining the history of the proceeding, the ARRL pointed out that the FCC's *Notice of Proposed Rule Making* in Docket 04-140 would have shifted the line between the 80 meter RTTY/data subband and the 75 meter phone/image subband from 3750 kHz to 3725 kHz, pursuant to a 2002 ARRL *Petition for Rule Making*, RM-10413. This would change the ratio of spectrum between phone/image and RTTY/data segments on 75/80 meters from 50/50 to 55/45, and it is what the FCC proposed in its *NPRM*.

In its *Report and Order* in Docket 04-140, however, the FCC made "a very substantial and unjustifiable departure" from what it had proposed in its *NPRM*, the ARRL recounted. The Commission expanded the phone/image subband at 75 meters to 3600-4000 kHz, and it reduced the 80 meter RTTY/data subband to 3500-3600 kHz, eliminating RTTY operation above 3600 kHz and changing "the entire dynamic of this band," the League said.

The FCC had said in its proposal that no licensees would lose operating privileges. Nonetheless, the FCC's phone band expansion reduced by 100 kHz the spectrum between 3500 and 4000 kHz that was previously available to General class licensees, while Advanced licensees lost 75 kHz. In an apparent FCC oversight, the *Report and Order* completely

eliminated access by automatically controlled digital stations (ACDS) to 3620 to 3635 kHz. A subsequent FCC *Report and Order on Reconsideration* only made the situation worse by replacing the deleted ACDS segment with 3585-3600 kHz. That resulted in "a shortfall in available RTTY/data spectrum on 80 meters," the ARRL said, adding that its current *petition* "simply restores that which was disrupted in 2006 in error."

ARRL to Review, Evaluate, and Explore Possible Improvements for OO Program

The ARRL Executive Committee has directed the Headquarters staff to "review and evaluate the Official Observer (OO) program, solicit input from the field organization, and explore areas of possible improvement including in the area of training for OOs." ARRL Second Vice President Brian Milesosky, N5ZGT, will oversee the study. The action stemmed from a discussion during the EC's Texas.

At the meeting, ARRL General Counsel Chris Imlay, W3KD, observed that there have been "several positive developments" with respect to FCC enforcement, since the EC last met in October 2015. But with the closure of some FCC field offices and the retirement of several experienced engineers who have been helpful with enforcement matters in the past, the EC discussed how the OO program might be better positioned to help the FCC. A preliminary report is due at the EC's October meeting.

In other matters, the EC directed the development of a *Petition for Rule Making* to implement the 15 kHz band allocation at 5 MHz that came out of World Radiocommunication Conference 2015, while retaining the existing five discrete channels at 5 MHz.

WRC-15 laid the foundation for a global, secondary Amateur Radio allocation of 5351.5 kHz to 5366.5 kHz at up to 15 W effective isotropic radiated power in the US (some Region 2 countries will be permitted up to 25 W EIRP). The new worldwide band won't be available for use in the US until the FCC institutes a rule making proceeding and establishes operating parameters for the band.



The ARRL has served notice on the National Frequency Coordinators' Council (NFCC) to terminate the *Memorandum of Understanding (MoU)* that spells out how the two organizations will cooperate in achieving common goals. At the EC's direction, ARRL CEO and EC Secretary David Sumner, K1ZZ, wrote to Mark Stennett, NA6M, as the most-recent known NFCC president, after Sumner reported "clear evidence" that the NFCC is no longer functioning.

ARRL Update cont.

The letter gave the NFCC 90 days' notice of the ARRL's intention to terminate the *MoU*, signed in 2013. Sumner

stressed the sentiment of the Executive Committee, however, that the League would greatly prefer that the NFCC membership elect and install a new Board of Directors, and that the NFCC resumes its functions.

Imlay told the EC that he has asked FCC staff why there has been no action on the ARRL's *Petition for Rule Making* RM-11708, since the FCC solicited comments on the petition more than 2 years ago. The petition, in part, asked the FCC to

remove the symbol rate limitation for data emissions in band segments below 29 MHz where RTTY and data emissions are now permitted. It also asked the Commission to establish a 2.8 kHz maximum bandwidth for data emissions on MF and HF bands.

Chairing his first EC meeting, ARRL President Rick Roderick, K5UR, thanked all participants for their hard work and attention and observed that this was David Sumner's last meeting as CEO and Secretary. He will retire on April 18

National Parks on the Air Update

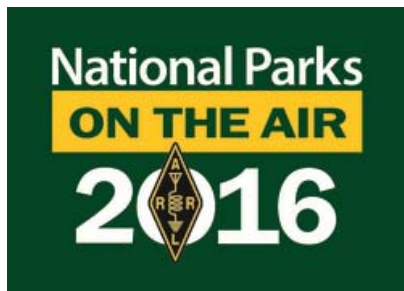
Satellite aficionado Paul Stoetzer, N8HM, activated the National Mall (DZ06) in Washington, DC, on March 27, during two FO-29 satellite passes. Stoetzer said he plans to operate from other NPOTA sites in the DC area and will set up to operate HF between satellite passes. See W5PFG's blog about N8HM's activity.

The week of April 1 offers some very high-profile NPOTA expeditions.

A team of five Hawaiian operators from Oahu will travel to the north side of Molokai Island to activate Kalaupapa

National Historical Park (HP18), April 1-5, as KH6BWG. Once a leper colony, the site is isolated from the rest of the island by 1600-foot cliffs. It's located in Kalawao County, one of the rarer US counties. One QSO with KH6BWG is worth a credit in several awards programs. Activity will be on 40-10 meters on SSB, CW, and digital modes.

Yosemite National Park has published a guide for NPOTA activators who visit this venerable National Park. The Yosemite Office of Special Park Uses worked with ARRL to establish equitable rules for visiting Activators that will help promote NPOTA activity while minimizing impact on other



park visitors, during what is certain to be a season of record attendance at Yosemite. The document is also available on the NPOTA website.

In all, 44 Activations are slated for March 31-April 6, including Organ Pipe Cactus National Monument in Arizona (MN58), and the San Juan National Historic Site in Puerto Rico (NS63).

Details about these and other upcoming activations can be found on the NPOTA Activations calendar.

Keep up with the latest NPOTA news on Facebook. Follow NPOTA on Twitter (@ARRL_NPOTA)

"Elmer" Inspiration, Elmer "Bud" Frohardt Jr, W9DY, SK

The ham radio mentor who inspired the term "Elmer" -- Elmer P. "Bud" Frohardt Jr, W9DY (ex-W9GFF), of Madison, Wisconsin -- died on March 22. He was 93. A friend and co-worker of the late Rod Newkirk, W9BRD (later VA3ZBB), who edited *QST*'s "How's DX?" column, Frohardt was the "Elmer" that Newkirk had in mind when he used the name in his March 1971 column, referring to someone who helped to mentor new Amateur Radio licensees.

"Too frequently one hears a sad story in this little nutshell: 'Oh, I almost got a ticket, too, but Elmer, W9XYZ, moved away and I kind of lost interest,'" Newkirk had written. "We need those Elmers. All the Elmers, including the ham who took the most time and trouble to give *you* a push toward your license, are the birds who keep this great game young and fresh."

On AC6V's "Origin of Ham Speak" web page, John Becker, K9MM, is quoted as saying, "Bud was very well known locally for his involvement with the RAMS (Radio Amateur Megacycle Society) radio club, and he was always helping newcomers to the hobby."



Frohardt was an ARRL Life Member.

Comedian, Actor, TV Writer and Personality Garry Shandling, ex-KD6OY, SK

Comedian, actor, and TV personality Garry Shandling, ex-KD6OY, died March 24 after suffering an apparent heart attack in Los Angeles. He was 66. Shandling became a ham as a teenager in the 1960s, long before he entered show business.

"When I was 13 I had a ham radio set (true!), so I could sit in my room and talk to people the world-over. Geeky? Or just ahead of my time!!?" Shandling tweeted in May 2011.

ARRL Update cont.

Shandling grew up in Arizona and majored in electrical engineering at the University of Arizona, but he went on to earn a degree in marketing and complete some post-graduate work in creative writing. He worked in marketing for a time, until a script he wrote for "Sanford and Son" turned into his first big break into entertainment.

His most-recent Amateur Radio license - issued to him under a pseudonym, Dave Waddell -- expired in August 2009. The



Garry Shandling, ex-KD6OY, SK

call sign was KQ6KA. Shandling obtained the call sign under an assumed name, apparently so that he could get on the air without being recognized as a celebrity. Prior to KQ6KA, he held KD6OY under his real name, as well as WA7BKG in his early years as a ham.

He had an alter ego on television as well. On "It's Garry Shandling's Show," he played a comedian much like himself. "The Larry Sanders Show" followed, and in that popular HBO series, he played a late-night talk show host.

Isolated North Carolina Ham Uses Ham Radio to Get Help in House Fire Incident:

A ham living on remote Cedar Island off the coast of North Carolina recently used Amateur Radio to summon help after a fire broke out in his house. "A station came on the [Pamlico Amateur Radio Society] repeater asking if anyone could contact the local fire department," said Bill Michne, WM3X, who lives in Oriental, North Carolina. "The signal was broken up but readable after repeats. What I learned was that the station was in Stacy, the operator's house was filling with smoke, and that he had no telephone to use to call for help." Michne said he got the other ham's address and contacted 911, which called out the Stacy Fire Department. "The fire apparatus arrived within a very short time," he added. The fire was said to have been contained to the attic, and damage was not severe. The grateful ham was Mike Clutter, KM4COD, an occasional check-in to a local ARES net, who lives part-time on Cedar Island. -- *Thanks to Bill Michne, WM3X, and to Jamie King, KJ4JK*

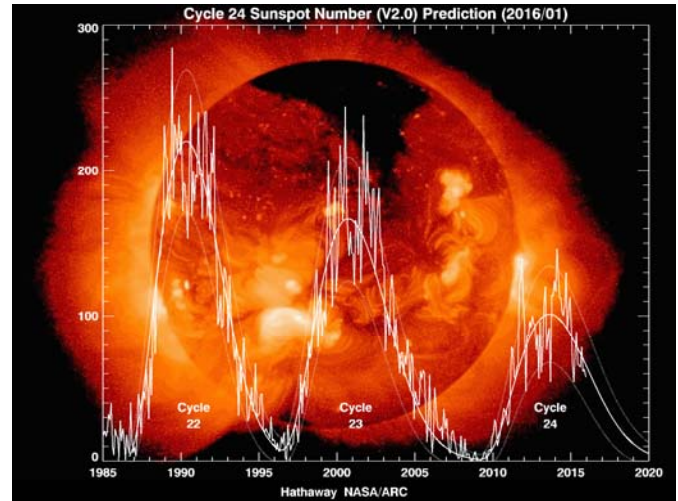
Voice of America Antenna Farm in North Carolina Leveled:

A field of 48 antenna towers that the Voice of America (VOA) once used to broadcast around the world, was dropped by explosives on April 4. The VOA had not used the towers, located in Beaufort County, North Carolina, for 10 years, although it still broadcasts news and information to Latin America, Cuba, the Caribbean, and Africa from antennas in a nearby county. According to news reports, it

took less than 1 minute to fell the towers, which were hauled away as scrap. Television station WITN said the VOA site has been sold to the North Carolina Wildlife Resources Commission for conservation.



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.

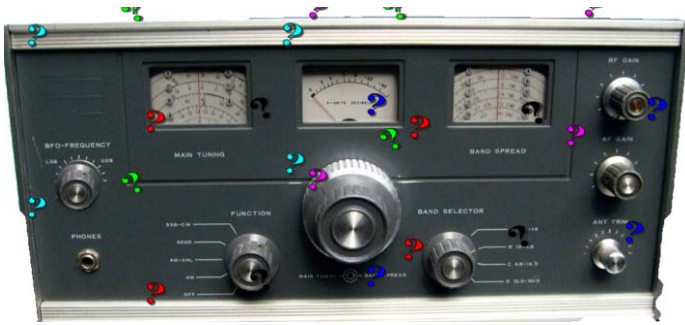
Predicted solar flux values from USAF and NOAA saw a major downward shift on March 28. Overnight, the predicted average daily solar flux for the 38 days from April 4 through May 11 dropped from 91.6 to 82.2. You can see this by downloading the spreadsheet.

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.

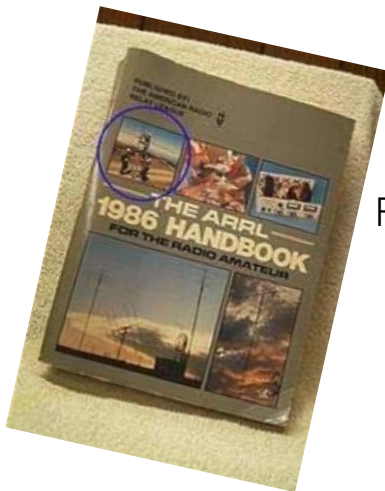
Predicted planetary A index is 8, 10, 26, and 16 on March 31 through April 3; 8, 12, 10, 5, and 10 on April 4-8; 5, 15, 24, 22, and 20 on April 9-13; 8 on April 14-15; 5 on April 16-22; 12 on April 23-24; 8 on April 25; 5 on April 26-28, and 25 on April 29-30.

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.

NAME THAT RIG!



Each month I'll try to post a different radio for you to name.
 Best of Luck! Winners get "Bragging Rights"
 Last month's rig: Collins KWM-380



Field Day is June 25-26
 Mark your calendar!



Need to get rid of a rig?
 List it in the Trading Post.

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	April 9th	Sunnyvale, CA	10:30	AM
Sat	April 16th	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



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:**

**APRIL 13TH
ROUND TABLE PIZZA
LINDA MAR CENTER
PACIFICA
7:30PM**

**PIZZA MEETING NIGHT
(NO HOST)**

COASTSIDE COMMUNICATOR

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

FIRST CLASS

TO:

