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# THE COASTSIDE COMMUNICATOR

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Vol. 48, No. 3

MARCH 2016

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WWW.COASTSIDEARC.ORG

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## PRESIDENT'S COLUMN

Greetings,

At the February Meeting, we finalized our calendar for the year. We are somewhat following our traditional pattern. At the March Meeting, we will have a presentation on Drones from Josh, N6TZF, with the Pizza Meeting being in April.

Our excursions are planned for the Maritime Radio Historical Society, the Hiller Aviation Museum, and the Potomac. The dates are to be determined.

We will have our usual events; Field Day in June, the Devil Slide Ride in July, and Fog Festival in September.

Events coming up that were not discussed are Silver Dragon on April 14<sup>th</sup>, and the next County Simplex Drill in January 2017. I have not heard anything from our served agencies about Silver Dragon. As for the Simplex Drill, 70 cm and 6 meters were discussed. If you have any input on the choice of frequencies, please let me know.

I want to thank Casey, N6TZE, for his 3-D Printer presentation at the February Meeting.

I hope to see you at the meeting on March 9<sup>th</sup>.

73,  
Walt, KG6EDY  
Club President

## FEBRUARY MINUTES

At 7:30PM Club President Walt Long-KG6EDY called the meeting to order at the Linda Mar Fire Station 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 Casey Villyard N6TZE, and seconded by Gary 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: \$3141.80 in the General Fund; \$3297.51 in the Repeater Fund; \$757.41 in the Digipeater Fund and \$9075.11 in the EOC/Public Service Fund. These individual fund totals add up to a club total of \$16271.83. The Treasurer's report was then interrupted by the late arrival of two Club officers and their spouses, which caused a ruckus until they were seated and introduced, and then the report could continue.

The treasurer paid to himself \$18 for printing and mailing of the February *Coastside Communicator* newsletter and 2016 Renewal Form.

## MEMBERSHIP

Club membership stands at 71 total.

## COMMUNICATIONS

The December 2015 US Bank statement was received. Also, newsletters were received from Santa Cruz *Short Skip*, SFARC, SCARA, SFHRC, SCCRA, and the GEARS *The Radiator*.

## COMMITTEE REPORTS

### REPEATER

Casey N6TZE reported that the repeater has been noisy, and this is being looked into. The new repeater is being set-up for testing, and this will commence as soon as some cavities can be borrowed.

### AUTO-PATCH

No Report

### DIGIPEATER

No Report

### APRS

No Report

**EMERGENCY SERVICES**

No Report

**FIELD DAY**

No Report

**FOG FEST**

Frank-N6FG noted that he will be out-of-town that weekend.

**NEWSLETTER**

Published

**WEBSITE**

No Report

***UNFINISHED BUSINESS***

Club meeting schedule for the year was finalized.

March 9, 2016: Joshua Villyard-N6TZF to present his racing drone.

April 13, 2016: Pizza Night at Linda Mar Round Table Pizza.

May 11, 2016: Regular meeting

August 10, 2016: Back to School Night (confirmed by Prof Brixen. Curriculum TBA.)

The other meeting dates are confirmed as written previously.

Field trip updates were given by Roy-KE6MNJ and Ralph K6DLZ.

Ralph is working with staff at the Hiller Air Museum to get the club special pricing for a Saturday visit.

Roy says that the Maritime Historical Society has a CW operation in their Marin Operations Center on a Saturday in spring. The time would be 9am to noon. He will pick a date and provide more details at next month's meeting. (Station call sign is KPH.)

***NEW BUSINESS***

None

***ADJOURNMENT***

It was moved by Bob-W6LOG, seconded by Frank-N6FG, and unanimously approved by the members present that the meeting be adjourned at 7:57PM. After a short break, Casey presented an informative session on his 3D printer.

***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 Brixen-KE6MNJ, Bill Lillie-N6BCT, Ralph Kugler-KC6YDH, Bob Barbitta-W6LOG, Steve Paganell-KK6YUA, Jane Bailey-KF6PGF, Casey Villyard-N6TZE, and Jacque Lawrence-no call.

**Visitors:** Armetta Parker-KK6WNL, Geoffrey Mathews-KK6WRH, and Pete Wanger-WA6ECH.

Reported by Dave-KF6TWW, Secretary

**NEWS*****ARRL UPDATE***

FCC Invites Comments on ARRL Petition That Seeks 80/75 Meter Adjustments

The FCC has put the ARRL's January *Petition for Rule Making* ([RM 11759](#)) on public notice and invited interested parties to comment on what the League has called "minimal but necessary changes" to 80 and 75 meters. The ARRL petitioned the FCC to fix a "shortfall in available RTTY/data spectrum" that the Commission created when it reapportioned 80 and 75 meters 10 years ago. The League's petition asked the FCC to shift the boundary between the 80 meter RTTY/data subband and the 75 meter phone/image subband from 3600 kHz to 3650 kHz. The proposed change received strong support from ARRL members, and the ARRL Board of Directors adopted it as policy at its July 2015 meeting. At that time the Board also agreed to seek RTTY and data privileges for Novice and Technician licensees within their current 15 meter CW subband, and to do the same on 80 meters, depending on the outcome of the 80/75 meter subband revision.



The petition asks the FCC to make the following changes to the Part 97 Amateur Radio Service rules, with respect to 80/75 meters:

- Modify the RTTY/data subband, so that it extends from 3500 kHz to 3650 kHz.
- Modify the phone/image subband, so that it extends from 3650 kHz to 4000 kHz.
- Make 3600-3650 kHz available for General and Advanced Class licensees, as was the case prior to 2006.

## ARRL update cont.

- Make 3600-3650 kHz available to Novice and Technician licensees for telegraphy -- consistent with existing rules permitting Novices and Technicians to operate CW in the 80, 40, and 15 meter General and Advanced RTTY/data subbands.
- Modify the rules governing automatically controlled digital stations (ACDS), to shift the ACDS segment from 3585-3600 kHz to 3600-3615 kHz, consistent with the IARU Region 1 and 2 band plans.

According to the ARRL, the FCC *Report and Order* in Docket 04-140 released in 2006 departed substantially and without justification from the rules proposed in the FCC's so-called "Omnibus" *Notice of Proposed Rule Making (NPRM)*, with respect to 75 and 80 meters. Among other actions, the resulting changes expanded voice privileges on additional frequencies in various bands, including 75 meters. The FCC shifted the phone/image subband from 3750-4000 kHz to 3600-4000 kHz, trimming the 80 meter RTTY/data subband from 3500-3750 kHz to 3500-3600 kHz and substantially changing "the entire dynamic of this band," the League said.

Although the Omnibus *R&O* had indicated that incumbent licensees would not lose any operating privileges, some clearly did, the ARRL has pointed out. The most substantial adverse effect of the "unexpected and vast expansion" of the 75 meter phone/image subband, the League said, was the elimination of access to 3620-3635 kHz by ACDS.

## Ballots Counted, Results Announced in Three ARRL Section Manager Contests

The ARRL Pacific, San Diego, and Louisiana Sections will get new Section Managers, and five incumbent SMs will begin new terms in their respective sections on April 1. The results of three contested elections in the winter election cycle were announced February 23, after ballots were tallied at ARRL Headquarters.

- In the Pacific Section, Joe Speroni, AH0A, received 228 votes, to 103 for Kimberly Fendt, WH6KIM. Speroni has been the Pacific Section's Affiliated Club Coordinator and maintains a variety of Amateur Radio-related interests. Outgoing Pacific Section Manager Bob Schneider, AH6J, decided not to run for another term after serving for the past 10 years, in addition to stints from 1992 to 1996 and from 2002 to 2004.
- In the San Diego Section, Dave Kaltenborn, N8KBC, outpolled Patrick Bunsold, WA6MHZ, 350 to 219 votes. Kaltenborn brings more than 25 years of experience as a radio amateur to the top post in San Diego Field



Organization. He has been Assistant Section Manager, Assistant Section Emergency Coordinator, and a District and local Emergency Coordinator. Outgoing Section Manager Steve Early, AD6VI, decided not to run for another term after serving for the past 8 years.

- In the Louisiana Section, Scott Wren, KD5DFL, will succeed Jim Molan, KD5IGG, as Section Manager on April 1. Wren was the only nominee for the new term when Molan announced that he would not run for the position again after serving for one term. Wren has served as Section Emergency Coordinator for the past 2 years, and as an Assistant District Emergency Coordinator or Emergency Coordinator since 2005.
- In Virginia, incumbent Section Manager Joe Palsa, K3WRY, received 870 votes, while Anthony Harbour, KG4YXP, garnered 512 votes. Palsa was appointed as Virginia's SM 1 year ago, to complete the remaining term of then-Section Manager Carl Clements, W4CAC, who had stepped down. Now elected in his own right, Palsa will continue as Section Manager for the next 2 years.

Four incumbent ARRL Section Managers faced no opposition and have been declared elected for new terms beginning on April 1: Pete Cecere, N2YJZ, Eastern New York; Joe Ames, W3JY, Eastern Pennsylvania; Karl Bowman, W4CHX, North Carolina, and Chris Stallkamp, W0ADZ, South Dakota.

## ARRL to Offer ARES Forms Training Webinar

On Tuesday March 1, ARRL Headquarters staff will offer a free training webinar on three critical Amateur Radio Emergency Service (ARES) report forms. This webinar is intended for Emergency Coordinators, District Emergency Coordinators, Section Emergency Coordinators, Assistant ECs at all three levels, and Section Managers. The training will cover these forms:

- FSD-157 -- Public Service Activity Report
- FSD-212 -- EC/DEC Monthly Report
- FSD-96 -- SEC Monthly Report

Topics covered will include how to fill out the forms, who should complete the forms, where the information goes, how the information gets used, and why good reporting is critical. The future of ARES reporting will be discussed. The webinar will begin at 8 PM ET (0100 UTC) and last about 1 hour.



**ARRL update cont.**

Conducting the webinar will be ARRL Emergency Preparedness Manager Mike Corey, K1IU; ARRL Field Services Supervisor Steve Ewald, WV1X, and ARRL Emergency Preparedness Assistant Ken Bailey, K1FUG.

Attendees may [register](#) online. For more information, contact [Mike Corey](#), K1IU.

**FCC Seeks Comments on Petition to Grant Lifetime Amateur Radio Licenses**

The FCC is seeking comments on a *Petition for Rule Making* ([RM 11760](#)) that asks the FCC to grant lifetime Amateur



Radio licenses. Mark F. Krotz, N7MK, of Mesa, Arizona, filed his request with the FCC last November. He wants the FCC to revise § 97.25 of its rules to indicate that

Amateur Radio licenses are granted for the holder's lifetime, instead of for the current 10-year term. Krotz noted that the General Radiotelephone Operator License (GROL) already is issued on a lifetime basis, and he maintained that not having to renew licenses would lighten the FCC's workload.

"It would be mutually beneficial for the FCC and Amateur Radio operators to update Part 97 to grant operator licenses for lifetime," Krotz said in his filing. "The FCC would benefit by reducing administrative costs."

In 2014, the FCC granted lifetime credit for examination elements 3 and 4, but applicants seeking relicensing under that provision still must pass examination element 2.

Individuals may [submit](#) comments via the FCC's Electronic Comment Filing System (ECFS).

**National Parks on the Air Update**

Since the creation of the Manhattan Project National Historic Site by the National Park Service (NPS) in mid-November 2015, activating one of the three sites comprising this unit has been impossible, in large part because gaining access to active Department of Energy sites is exceptionally difficult. The only site of the three with any hope of regular public access is Oak Ridge,

Tennessee. On February 24, NPOTA administrators decided that any location within the boundaries of the Oak Ridge

Reservation, as outlined on the [NPS Manhattan Project](#) website, will count for NPOTA credit. Activators must be sure not to transmit from private property without prior approval.

There are 35 activations on the NPOTA Activations Calendar between February 25 and March 2, including Petroglyph National Monument in New Mexico, and Moore's Creek National Battlefield in North Carolina -- as part of the 240th anniversary celebration of the Battle of Moore's Creek Bridge during the Revolutionary War.

[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).

**Article Profiles First African-American Radio Amateur, Rufus Turner, W3LF**

The computer hardware/software/do-it-yourself blog *Hackaday* has [profiled](#) Rufus Turner, W3LF (ex-K6AI) -- believed to be the first African-American radio amateur and one of the more fascinating personalities in US history. Born on December 25, 1907, in Houston, Texas, Turner "became fascinated by crystal diodes and published his first article about radio when he was 17," according to *Hackaday*. He went on to build what *Hackaday* described as "then the world's smallest radio set" in 1925, while still a teenager.



Rufus Turner, W3LF.

In the day when radio amateurs still were allowed to broadcast, W3LF became the first radio station

licensed to an African-American. He broadcast with a 15 W in Washington, DC, and operated another radio station for his church.

Working with Sylvania in the 1940s, Turner helped to develop the 1N34A germanium diode. And in 1949, he wrote "Build a Transistor" for Hugo Gernsback's *Radio-Electronics* magazine ([May 1949 issue](#), p 38) -- at a time when transistors (aka "crystal triodes") not only were cutting edge but not commercially available. His meticulously described project involved the sacrifice of two 1N34A diodes.

**ARRL update cont.**

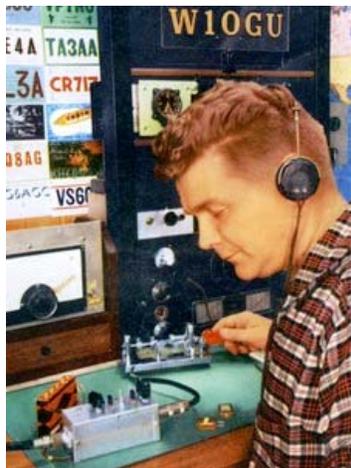
In January 1950, his article, "A Crystal Receiver with Transistor Amplifier" appeared in *Radio and Television News*, along with plans for a three-transistor radio. This was in the days before such things had begun to appear on the market.

While he had attended Armstrong Tech in Washington, DC, and he became a licensed professional engineer, he veered into the non-technical sphere of academe later in his life, earning bachelor's and master's degrees in English, and in 1960 -- at age 52 -- becoming an English professor. *Thanks to Hackaday, Southgate Amateur Radio News, Radio-Electronics*

**First Solid-State Transmitter to Span the Atlantic Now Part of ARRL Historical Collection**

A flea-powered transistor ham transmitter built in the 1950s and later used to make a transatlantic contact has become part of the ARRL Historical Collection. The noteworthy historical artifact was donated by Andy Stewart, KB1OIQ, on behalf of the estate of Gus Fallgren, W1OG (SK), the ham who was at the key for the momentous event. Fallgren --

then W1OGU -- and two other Raytheon engineers, Al "Hank" Hankinson, W1OSF, and Dick Wright, W1UBC, built the little transmitter in the summer of 1956 on a lark, to see if they could achieve Worked All Continents (WAC) with it. The 20 meter, 78 mW transmitter was designed around a pair of Raytheon 2N113 transistors -- one as a 7 MHz oscillator, the other as a frequency-doubling power amplifier. On September 18, 1956, Fallgren, in Chelmsford, Massachusetts, running the transistor transmitter into a three-element wide-spaced Yagi, worked OZ7BO in Copenhagen, Denmark. His signal report was 339.



Gus Fallgren, W1OGU, and his transistor transmitter were featured on the cover of the February 1957 issue of *Radio & Television News*.

The transmitter was the first to run Raytheon transistors on 20 meters. Hams had previously constructed low-power, solid-state transmitters for 40 meters and made contacts spanning up to 800 miles. Fallgren's 3800-mile contact worked out to approximately 47,500 miles per watt.

Raytheon documented the historic contact in the February 1957 edition of *Radio and Television News* -- with a feature

banner and cover photo of W1OGU in his shack with the battery-powered transistor transmitter -- and it



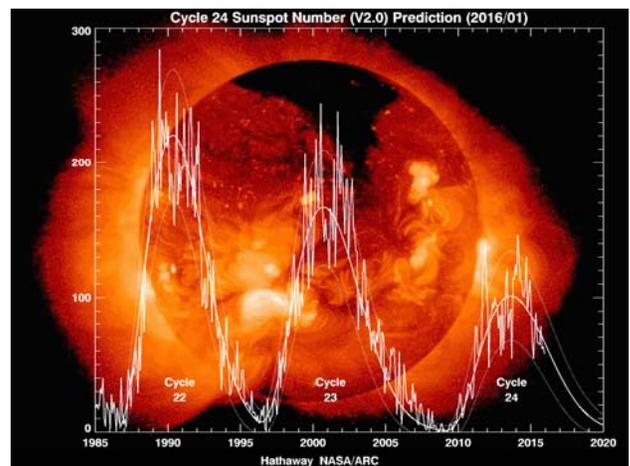
Assistant ARRL Laboratory Manager Bob Allison, WB1GCM (L), holds the transistor transmitter and semi-automatic key, while donor Andy Stewart, KB1OIQ, holds the 1957 issue of *Radio & Television News* that featured W1OGU on the cover.

was reported in other publications as well, including Raytheon's own publication and the *Boston Globe*. A November 1956 *QST* "Stray" reported that Fallgren had "worked KP4, TI2, OZ7, and G3, and has reportedly been heard in VK" with the little rig, and included a photo.

Assistant ARRL Laboratory Manager Bob Allison,

WB1GCM, staff liaison to the ARRL Historical Committee, accepted the donation and thanked Stewart for arranging it.

**SOLAR UPDATE**



Tad Cook, K7RA, Seattle, reports: Average daily sunspot numbers were marginally higher over our reporting week (February 25-March 2) than during the previous 7 days -- rising from 37.9 to 41.4. Average daily solar flux was down by just one point, to 92.9. The average planetary A index dipped from 10.1 to 5.9, and the average mid-latitude A index declined from 12.6 to 5.3.

Predicted solar flux for the near term is 100 on March 3; 105 on March 4-5; 110 on March 6-10; 105 on March 11-13; 100 on March 14-15; 95 on March 16-20, and bottoming out at 90 on March 21-26. Flux values then peak at 115 on March 30-31.

The planetary A index prediction shows 8 on March 3-4; 12, 20, 15, 10, and 5 on March 5-9; 8 on March 10-11; 5 on *Solar*

**Update cont.**

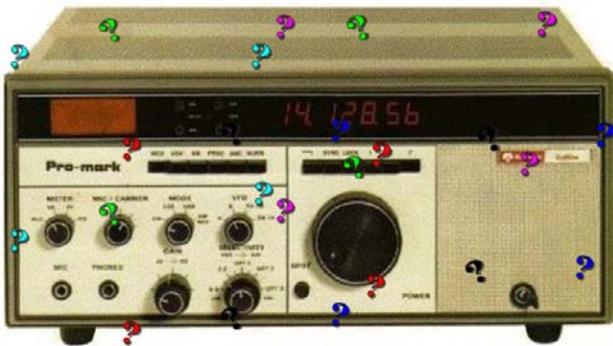
March 12, and 12 on March 13. The predicted A index then makes a huge jump to 30 on March 14-16.

This is perhaps the result of a recurring coronal hole, because on April 10-12 the A index again goes to 30. Note that there were similar numbers -- 38, 34 and 29 -- for February 17, 18 and 19.

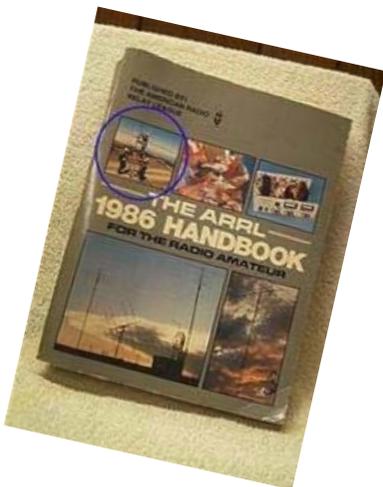
Sunspot numbers for February 25 through March 2 were 26, 41, 37, 38, 44, 39, and 65, with a mean of 41.4. The 10.7 centimeter flux was 91.7, 89, 90.4, 93.2, 90.9, 96.8, and 98.2, with a mean of 92.9. Estimated planetary A indices were 5, 7, 4, 4, 5, 9, and 7, with a mean of 5.9. Estimated mid-latitude A indices were 6, 5, 3, 4, 4, 8, and 7, with a mean of 5.3.

This week's bulletin will look at changes in our 3-month moving averages of sunspot numbers, which should indicate the further decline in the current solar cycle. We'll also have a quantitative report from NP3A on band-by-band changes in CW Skimmer logs between the ARRL International DX Contest 2015 and 2016 numbers.

**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 51J-1



Field Day is June 25-26  
Mark your calendar!

**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**  
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: 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](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	Mar 12th	Sunnyvale, CA	10:30	AM
Sat	Mar 19th	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:**

**MARCH 9TH  
LINDA MAR FIRE STATION  
PACIFICA  
7:30PM**

**RACING DRONE DEMO  
JOSH VILLYARD-N6TZF**

## COASTSIDE COMMUNICATOR

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

FIRST CLASS

TO:

