



THE COASTSIDE COMMUNICATOR

VOL. 50, No. 6

JUNE 2018

WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

Greetings,

The DAYTON HAMVENTION, the largest Amateur Radio gathering in the U.S., was May 18-20. It has moved to Greene County Fairgrounds and Expo Center in Xenia, Ohio. Their theme "Amateur Radio - Serving the Community." As proven with recent events around the globe. May is kick-off for Amateur Radio Conventions. The Maker Fair in San Mateo was the same weekend.

ARRL Field Day is June 23rd – 24th. Frank Erbacher-N6FG is looking for volunteers to help setup (Saturday) and take down (Sunday) of a couple of beam antennas on Sweeney Ridge. He stated in an email to Club members: "Our Club's Field Day operation usually consists of 2 HF Stations. This year a motor home and its antennas are added, and a van. Antennas will be a full sized 20-meter beam and a 15-meter beam, both up about 30 feet". If you are interested in helping and participating with the event, contact Frank – n6fg@arrl.net – and he'll get you on the schedule. This year we are joining forces with the Half Moon Bay Radio Club (HMBARC) at Venice Beach in Half Moon Bay. Come check out both locations and GOTA (Get On The Air).

June 30th is PARCA's Devil's Slide Ride. It is a great event for a great cause. Coastside ARC provides communications support with radio operators at Aid Stations and Support and Gear Vehicles (SAG), to pass health and welfare traffic. See Casey's-N6TZE report in the May Coastside Communicator for more information and who/how to contact

Take care & hope to see you at the next meeting and Field Day!

73...Tom-KJ6OGL



MAY MINUTES

The May 9, 2018 meeting was called to order at 7:35 pm by Vice President Bill Lillie-N6BCT at the Linda Mar Fire House in Pacifica

Self introductions by members in attendance.

Walt Long- KG6EDY indicated that the May Minutes had his call wrong. Motion made by Walt Long- KG6EDY and seconded by Bill Lillie N6BCT to approve the May minutes as posted in The Coastside Communicator as amended. Motion was passed by unanimous vote of the membership present.

TREASURER'S REPORT

Treasurer, Frank Erbacher-N6FG gave financial report: : General Fund: \$\$850.06, Repeater Fund: \$1,965.78, APRS/Digipeater Fund: \$1,210.84, EOC/Public Service Fund: \$13,530.11. Grand Total: \$17,556.79

Bills needing approval.

\$610.83 for repeater cables, brackets and hardware as submitted by Roy Brixen at April Meeting but not voted on. Moved by Frank-N6FG and seconded by Walt-KE6EDY. Motion was passed by unanimous vote of the membership present.

CORRESPONDENCE

None

MEMBERSHIP

69 members, 2 non-licensed, 70% ARRL.

COMMITTEE REPORTS

REPEATER

1. Update on the status of current WA6TOW repeater from David Rinck-K6DMR: it's working!!
2. Auto-patch; no report.
3. Digipeater: no report.
4. APRS; Still not working but needs to be working by the end of June for Devil's Slide Ride.
5. Repeater Replacement Committee: progress report from Roy Brixen-KE6MNJ:

Almost everything purchased. The 440 radio and power supply also arrived. Cost to date is \$610.83.

6. Emergency Services; According to Pete Wanger WA6ECH there will be a rally of the Mobile Emergency Services at ATT Park on Wed April 18th. All are invited to attend the classes offered at the new Police Station across from ATT Park.

committee reports cont.

There will be other events taking place in the parking lot. The full event is put on by the publishers of 911 magazine.

7. Simplex drill this weekend starting at 8am.

AUTO-PATCH - No Report

DIGIPEATER - No Report

APRS - Still not working but needs to be working by the end of June for Devil's Slide Ride

EMERGENCY SERVICES - Casey- N6TZE indicated that there will soon be a Pacifica CERT Simplex Drill with stations at EOC, Oddstad Park, Linda Mar and Manor Fire Stations May

REPEATER REPLACEMENT COMMITTEE .

Roy Brixen-KE6MNJ was absent so no report

FIELD DAY

Chris- W6EZE said HMB Club will still do its setup on Venice beach and welcomes CARC members.

W6EZE said he will be bring his Motor home to the Discovery Site with antennas for most band including VHF and UHF. He suggested that others might want to bring more VHF/UHF beams for different polarization on these bands. His vehicle will be our restroom so no Porta-potty.

Frank- N6FG said he'll bring the HF Masts, beams and wire antennas. It was discussed that the 20 Meter beam had bad SWR last year and it should be tested as it might have a bad Balun or match network. W6EZE and N6FG will get together to test it.

Frank -N6FG expressed concern that we have enough Setup and Take Down help especially if some regulars decide to do Venice Beach Only and will start getting volunteers signed up.

Dave- K6DMR will work on permits for Sweeney Ridge for 2018. Frank- N6FG will work on Publicity

**FOG FEST
FOG FEST**

Frank worked with organizers and sent a revised application adding copies of our Fed and Cal Non-Profit tax status.

**NEWSLETTER
Published****WEBSITE
No report.****NET SCRIPT
Using approved script.*****UNFINISHED BUSINESS***

Bank Signature Card: Ongoing discussion on requirements by Bank.

Back to school night in August.

Continued discussion re changing time of Net check-in but final decision is we stay with our current time.

Date for Hidden Garden T-hunt still not confirmed as venue may have a wedding that day.

Frank will work on arrangements for November dinner. Date is November 10th, 2018.

Table storage in LM Firehouse; ongoing.

NEW BUSINESS

Devils Slide Ride, June 30th: Casey- N6TZE (n6tze@arrl.net-650-438-2826) Volunteers are needed from 5 AM to 6PM! The Routes are up to 100 miles: - Help needed for Aide Stations, Service And Gear (SAG) vehicles and for Dispatch at Crespi Dr. Community Center, Pacifica.

Chris-W6EZE and Walt-KG6EDY working on getting a MESH node on the hill in San Bruno.

Rex Patterson- W6VJJ, longest licensed CARC Member (72 Years) and his daughter Lee Ann Patterson asked if the radio brought in could be used at his home to get him on 146.925 and the HMB 2-meter repeaters. I could not so Casey- N6TZE and Chris- W6EZE volunteered equipment and Dave-KM6CPF volunteered to set it up with Rex's family.

Per Walt KG6EDY, Green Dawn will replace Silver Dragon starting this year. More details to follow.

Chris W6EZE and Walt KG6EDY working on getting a node on the hill in San Bruno.

ADJOURNMENT

Motion made to adjourn the meeting at: 8:35p.m. Meeting adjourned.

PRESENT AT THE MEETING

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

Officers: -President Bill Lillie-N6BCT and Treasurer Frank Erbacher-N6FG

Members: : Chris Icade-W6EZE, Walt Long-KG6EDY, David Rinck-K6DMR, Paul Atkins-AI6BB, Justin Schneider KM6PMV, Casey Villyard-N6TZE, Audrey Villyard-WA2KPS, Steve Paganelli- K6YUA, Dave Conroy-KM6PMV, Rex Patterson- W6VJJ, Ted Niemira-AI6YN, Mary Ellen Scherer-AJ6J and William Anderson- KM6HYK.

Guests: Lee Ann Patterson-W6VJJ's daughter
Submitted by: Frank Erbacher N6FG Acting Secretary



NEWS

URGENT NEED FOR AMATEUR RADIO VOLUNTEERS:

June is coming soon and with it field day on the last full weekend of the month. It is always a great experience operating off-grid for a couple of days. Good equipment, comradely and usually some pretty good pizza.

Before you lay your field radio hats down please consider volunteering for the Devils Slide Ride (DSR) on the following Saturday in support of PARCA. You used HF the weekend before and now you can let your VHF gear know that it is also a valuable member of the radio team!

It will be held on the Saturday after Field day on June 30, 2018. We will be using the WA6TOW repeater with it's great coverage down to Pescadero and along highway 280.

This 100 mile bike event helps to support PARCA who provide services and other support to people with developmental disabilities. In my five years working with this group I have met not only the dedicated PARCA staff but also some of the families of the people they have helped. From my dealings with these folks this group does some great work in our local community. More information about Parca please check out <http://www.parca.org/>

We need volunteers to staff communication posts at Aid stations and as radio operators in Support and Gear Vehicles (SAG). We will be passing health and welfare traffic to help facilitate the smooth running of the ride. If you are new to working these types of events let me know and I will pair you with a experienced person.

The ride starts in Pacifica at the community center on highway 1. It goes south on highway 1 and then over the mountain to the bay side. The mountain crossing happens in two places. One crossing will be just south of Half Moon bay and other will be in Pescadero. Once on the east side of the mountain the course will return to the Pacifica community center for fun and food.

More information on the bike ride can be found at: www.devilsslideride.org.

If you are available to volunteer on June 30th for this event please send me an email at n6tze@arrl.net and let me know as soon as you can.

Every year keeps getting better and I am looking forward to a great day this year.

Thanks! 73,

Casey, N6TZE



ARRL UPDATE

AMATEUR RADIO PARITY ACT LANGUAGE INSERTED IN NATIONAL DEFENSE AUTHORIZATION ACT

ARRL has praised the work of US Representatives Joe Courtney (D-CT[2]), Vicky Hartzler (R-MO[4]), and Mike Rogers (R-AL[3]) for their successful efforts in securing language in the FY 2019 National Defense Authorization Act (NDAA) that asks the FCC to grant radio amateurs living in restricted communities the right to install effective outdoor antennas. Text from the proposed Amateur Radio Parity Act (HR 555) formed the basis for the Courtney-Hartzler-Rogers Amendment to the NDAA.

“The bill does entitle each and every Amateur Radio operator living in a deed restricted community to erect an effective outdoor antenna. Full stop. That is the principal benefit of this legislation,” ARRL General Counsel Chris Imlay, W3KD, stressed. “There are tens of thousands of ham radio licensees who now, absent the legislation, cannot erect any outdoor antenna at all. This enables them in the same way PRB-1 has enabled hams to address unreasonably restrictive zoning ordinances during the past 33 years.” Imlay points out, though, that certain conditions apply. Prior to erecting an antenna in a deed-restricted community, an applicant for an outdoor antenna may have to apply to the homeowners association (HOA) for prior approval of the particular antenna system proposed by the ham. The Act would not empower an HOA to deny approval of all outdoor antennas. But neither does it entitle radio Amateurs residing in deed-restricted subdivisions to erect whatever antennas they want.

“This legislation is a good solid balance that favors hams and, as I say, allows tens of thousands of hams to erect effective antennas that they have no right to erect now,” Imlay said.

The amendment, offered by the bipartisan trio and accepted by the House Armed Services Committee by voice vote, will ensure that Amateur Radio operators will continue to play a vital role in supporting communications in a disaster or emergency. Amateur Radio has long-standing relationships with the Department of Defense through the Military Auxiliary Radio Service (MARS) and spectrum sharing.

The Armed Services Committee passed the NDAA by a 60-to-1 voice vote after a 14-hour markup that ran well into the night. The bill now awaits House floor action. The Senate will begin its markup of the NDAA during the week of May 21.

Representatives Courtney and Adam Kinzinger (R-IL/16) spearheaded the effort to include the Parity Act language in the NDAA. Both are cosponsors of the Parity Act, which has passed the House by voice vote twice in the past 2 years.

arrl update cont.

Recognizing the long-standing relationship between Amateur Radio and the Department of Defense, Congressman Kinzinger — who served multiple tours for the USAF as a fighter pilot and is still a Major in the Air National Guard, and Courtney have been champions of the legislation in Congress.

“The steadfast support of the Amateur Radio community continually demonstrated by Congressmen Kinzinger and Courtney has been a godsend,” said Hudson Director Mike Lisenco, N2YBB. “The Parity Act wouldn’t be anywhere close to this stage without their strong support, and our organization is extremely grateful.”

Lisenco, who serves as Chairman of the ARRL Board’s Legislative Advocacy Committee, also recognized other promoters of Amateur Radio, including House Energy and Commerce Committee Chairman Greg Walden, W7EQI (R-OR/2), Energy and Commerce Ranking Member Frank Pallone (D-NJ/6), and House Armed Services Committee Chairman Mac Thornberry (R-TX/13). “We are deeply grateful for their continued understanding and support,” Lisenco said.

ARRL has pledged to continue pressing for support to enact the Amateur Radio Parity Act throughout the legislative process.



AMATEUR RADIO HISTORY *THE WAYBACK MACHINE*

by *Bill Continelli - W2XOYI*

In our last installment, we traced the development of FM and repeaters from 1932 up to 1970. Since the FCC rules at that time had no provision for repeater operation, stations in repeater service were operated under the Part 97 provisions covering remote control. The FCC, in February, 1970, came out with Docket #18803, which set forth the Commission's proposed repeater rules. These included small subbands set aside for repeater operation, a ban on linked, cross-band and multiband repeaters, a requirement for "whistle on" or other tone control, and a requirement that the licensee of a repeater station be in attendance at the transmitter or at an authorized fixed control point to monitor all transmissions of the station. In regards to the 2 meter band, the FCC set up the repeater subband in such a way that two thirds of it would not be accessible to Technicians.

Reaction was quick and negative. The ARRL and others felt that the proposed rules were so restrictive that they might be the end of amateur repeater operation as it existed at that time. Counter proposals, far less restrictive than the FCC's, were submitted to the Commission.

While amateurs waited for the revised FCC rules, another problem had to be solved. When two meter FM operation

started in the 60's, 146.94 had been chosen as the national simplex frequency. This was the highest wide band FM frequency available to Technicians. After repeaters came along, amateurs discovered that the surplus commercial equipment in use had a maximum bandwidth of 600 kHz. Thus, 146.34 was chosen for the first repeater input. However, in areas where .94 was in heavy use by simplex stations, 146.76 was chosen as the output. This led to the problem of non-standard splits, and in some areas of the country, repeaters such as .34/76, .28/94, and .34/82 could be found. The frequency 146.94 was a battleground between the simplex vs. repeater groups.

Amateurs were also fighting a minor battle over 146.64 Mhz, which, in some parts of the country, was a DX simplex frequency. To make matters worse, all transceivers back then were crystal controlled. With crystals at \$10 per pair, it cost \$120 (about \$350 today) to fill all 12 channels in a 2 meter radio. It was possible to equip your radio with the repeaters and simplex frequencies used in one area, then find all of your channels were useless 200 miles away.

A National Plan was needed. The Texas VHF-FM Society proposed such a plan, which was described in the May, 1972 issue of QST. In it, the repeater offset was standardized at 600 kHz, 146.94 and 146.64 became repeater outputs, 146.40 through 146.58 became simplex, and 146.52 was chosen as the national simplex frequency. In the 146-147 range, accessible to Technicians and above, there were 13 repeater and 7 simplex channels. The 147-148 range, available only to Generals and above, had 14 repeater and 6 simplex channels. Note that in the Texas plan, all repeater inputs were 600 kHz below the output—even in the 147-148 range. Except for changing the inputs to the high side above 147 mhz, the Texas Plan was adopted. The gradual acceptance of a 2 meter band plan still did not resolve the FCC issue. The Texas Plan, as good as it was, violated the FCC's 1970 proposal.

The Commission still had not issued any repeater rules, nor had they acted on the ARRL's 1969 request to give Technicians the full 2 meter band. Finally, in September 1972, the FCC issued new rules covering repeaters, logging and portable/mobile operations. Liberal repeater subbands were authorized at 52-54, 146-148, 222-225, and 442-450 Mhz. Logging requirements, especially for repeater and mobile stations, was simplified: repeater operators no longer needed a tape recorder hooked up to their stations. The requirement for a portable or mobile station to notify the FCC of operation in a Wayback Machine Cont.

particular Radio District was also reduced--no longer would amateurs contemplating a cross country trip with their radios have to write to each District on their journey in order to inform the Engineer of the trip.

Repeaters would have to be licensed: call signs beginning with the prefix "WR" would be issued. The repeater license application was complex--each applicant for a repeater license had to submit certain data to the FCC regarding the technical, operational, and effective radiated power of the proposed station. "Whistle on" or tone control was no longer required, two repeaters could be linked, but multi-linked or crossband

wayback machine cont.

repeaters were prohibited. Repeater monitoring and control requirements were made more flexible. And finally, the FCC acted in part on the ARRL's 1969 proposal. Although they did not give Technicians full 2 meter privileges, they did grant them the 147-148 segment. Technicians could now operate all 2 meter repeaters without violating FCC rules. The new FCC repeater rules, coupled with the Texas Plan, caused a surge in 2 meter FM activity. It also was the shot in the arm the hobby needed to fully recover from the decrease in growth caused by Incentive Licensing.

Manufacturers such as Drake, Standard, Regency, Tempo, Genave, Clegg and Midland poured rigs onto the amateur market. Heathkit had the very successful HW-202 followed by the even more popular HW-2036. The increase in the number of Technicians on 2 meter FM finally killed the "Technicians are experimenters, not communicators" theory. And finally, thanks to 2 meter FM, amateur radio grew by over 33% in the 1970's. In 1975, due to increased demand, the FCC authorized the use of 144.5-145.5 Mhz for repeater operation.

Technicians were given access to this subband. In 1978, the FCC relaxed the rules, eliminated the separate repeater licenses and the "WR" prefix, and gave Technicians the full 2 meter band.

From 1978--1981, the synthesized revolution took place, as affordable PLL and microprocessor rigs drove the last of the crystal controlled radios off the market. Today, a name brand, 2 meter HT costs about \$175. With it, you can access over 4000 repeaters, or scan the VHF Hi band. Compare that to 1972, when a crystal controlled radio, equipped with 12 channels, cost \$300--or about \$800 in today's dollars. We truly have come a long way.

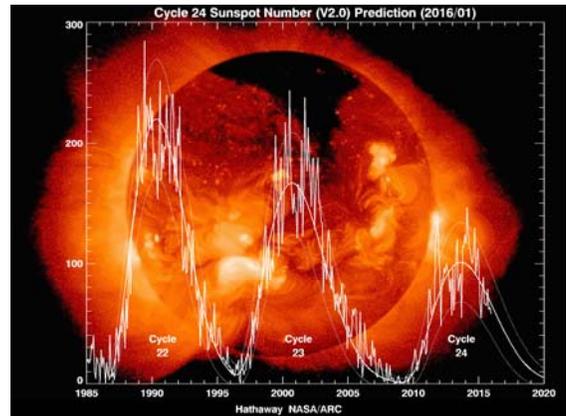
In our next installment, we will look at a couple of license proposals in the mid 70's and the controversy they caused. I hope you will join me.

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NAME THAT RIG!



SOLAR UPDATE



Tad Cook, K7RA, Seattle, reports: Weak solar activity continues, with sunspots returning on May 4-14, then departing again. From May 3 to May 9, the average daily sunspot number declined from 14.6 to 6.4, while average daily solar flux increased from 68.3 to 70.2.

Earlier in the week, geomagnetic indicators showed unrest from a solar wind stream. The average daily planetary A index declined to 8.4 in this reporting week compared to 15.1 over the previous 7 days. The mid-latitude A index declined from 11.7 to 9.

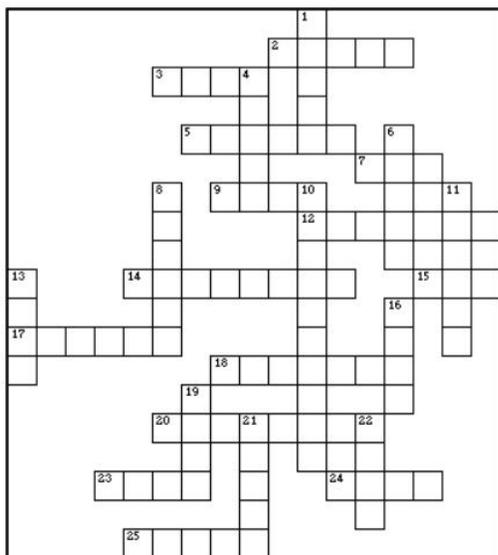
Predicted solar flux is 70 on May 17-20; 69 on May 21-23; 70 on May 24-29; 68 on May 30 - June 2; 70 on June 3-8; 71 on June 9-14; 70 on June 15-25; 68 on June 26-29, and 70 on June 30.

Predicted planetary A index is 18, 14, and 8 on May 17-19; 5 on May 20-31; 18 and 28 on June 1-2; 16 on June 3-4; 14, 12, and 8 on June 5-7; 5 on June 8-12; 18, 15, and, 10 on June 13-15; 5 on June 16-27, and 18, 28, and 16 on June 28-30.

Sunspot numbers for May 10 - 16 were 11, 11, 12, 11, 0, 0, and 0, with a mean of 6.4. The 10.7-centimeter flux was 69.6, 70.3, 69.8, 70.9, 70.3, 70.3, and 69.9, with a mean of 70.2. Estimated planetary A indices were 12, 16, 10, 8, 5, 4, and 4, with a mean of 8.4. Estimated mid-latitude A indices were 11, 19, 10, 10, 5, 5, and 3, with a mean of 9.



CARC PUZZLER
Rob L. Dey, KA2BEO
ANTENNAS



ACROSS

2. A transformer that essentially balances unbalanced feedline.
3. A beam that is cubical.
5. A soft metal that is melted into a conductive joint.
7. A wire used to strengthen a structure.
9. The pole that supports most aluminum antennas.
12. A large wire antenna.
14. The pair of conductors that carry power to and from the antenna, which can be open.
15. An eight-foot nail to ground your station
- 17 The Earth.
18. An antenna tuner.
20. An antenna that is not horizontally-polarized.
23. The supporting element of a beam.
24. A cable with a center, and an outer shield.

DOWN

1. Contains more than one wire.
4. A type of beam with loops.
6. An artificial antenna.
8. The outer-conductor in coaxial cable.
10. Used to match the transmitter output impedance to the antenna system
11. The most common balanced-wire antenna.
13. A flat beam with two or more elements.
16. A conductor.
19. A directional antenna.
21. This is used where a mast is too short for the job.
22. A circular conductor.

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.
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: \$35.00

When: 07/21/18

Where: Burlingame Recreation Center
850 Burlingame Ave. Burlingame 94010

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

Sat	June 9th	Sunnyvale, CA	10:30	AM
Sat	June 14th	Redwood City, CA	10:30	AM
Web Page: http://www.amateur-radio.org				



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 10th	2018 Agenda Planning, LM Fire Station
Feb 14th	Agenda Final, LM Fire Station
Mar 11th	Daylight Savings Time Begins
Mar 14th	Round Table Pizza LM Meeting
Apr 11th	LM Fire Station
Apr 14th	SMC Simplex Drill
Apr 29th	Dream Machines, El Granada
May 9th	Field Day Planning Mtg, LM Fire Station
Jun 7th	Green Dawn CERT Exercise, 0730-1300 hrs
Jun 13th	Field Day Planning Mtg, LM Fire Station
Jun 23-24	CARC Field Day, Sweeney Ridge
Jun 30th	Devils Slide Ride, PARCA Bike Event
Jul 11th	Field Day Wrap-Up Mtg, LM Fire Station
Jul 21st	Ex-Pac III. Pacifica Emergency Exercise
Aug 8th	Back to School Night, LM Fire Station
Sept 12th	LM Fire Station
Sept 29-30	Pacific Coast Fog Fest, Pacifica
Oct 10th	2019 Officer Nomination , LM Fire Station
Nov 4th	Daylight Saving Time Ends
Nov 10th	Election Dinner, Nick's, Rockaway Beach
Dec 12th	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
 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



of Service

Affiliation

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	Tom Oliver	KG6OGL	(650) 488-0704	toliver0557@gmail.com
V. President	Bill Lillie	N6BCT	(650) 726-3630	billn6bct@gmail.com
Secretary	Carmel Gallagher	KJ6ERS	(650) 670-2322	tlcperrn@sbcglobal.net
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
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) 355-1778	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	David Rinck	K6DMR	(650) 355-1778	k6dmr@arrl.net
Website	Scott Mercer	KI6SEJ	-	ki6sej@arrl.net



**MEETING
NOTICE:**

**JUNE 12TH
LINDA MAR FIRE STATION
PACIFICA
7:30PM**

**JUNE MEETING
FIELD DAY PLANNING**

COASTSIDE COMMUNICATOR

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

FIRST CLASS

TO:

