



THE COASTSIDE COMMUNICATOR

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MAY 2019

WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

Greetings,

Well, it seems the second Wednesday of the month is coming earlier than normal.

Changes: Scott Mercer, KI6SEJ, has resigned as Webmaster. I want to thank Scott for all the work he has done for the Club on our Website over the years.

Paul Atkins, AI6BB, has taken over as the intern Webmaster. Paul is willing to take on the job as Webmaster, pending approval of the Club membership. Paul has also suggested that we have Webmaster by committee, so that the Club does not have to rely on one individual. This will be a discussion item at the meeting.

Field Day is approaching fast, and we only have two meetings to get it organized. Frank, N6FG, has stated the he will need help loading the Field Day supplies this year.

Another discussion item is outreach to new Hams, and maybe some older ones, to join the local radio clubs, such as ours. The proposal is to have a Meet & Greet, and talk radio.

I did attend the NARCC Meeting. What was learned that having cold, stamped steel folding chairs out on a basketball court, does expedite the meeting.

I hope to see you at the meeting on May 8th.

73,
Walt, KG6EDY
Club President

APRIL MINUTES

The April 10, 2018 meeting was called to order at 7:32pm by: President Walt Long-KG6EDY, at the Linda Mar Fire House in Pacifica.

Self-introductions by members in attendance

Motion made by Paul Atkins-AI6BB and seconded by Dave Rinck-K6DMR to approve the MONTH minutes as posted in *The Coastside Communicator*. Motion was passed by unanimous vote of the membership present.

TREASURER'S REPORT

The Treasurer, Frank Erbacher-N6FG reported. Financial report: General Fund: \$4,521.57, Repeater Fund: \$728.82, APRS/Digipeater Fund: \$1,250.84, EOC/Public Service Fund: \$13,530.11. Grand Total: \$20,031.34.

MEMBERSHIP

Members: 51 members, 50 licensed & 1-non-licensed, ARRL: 68%

BILLS NEEDING APROVALS

None

CORRESPONDENCE

None

COMMITTEE REPORTS

CURRENT REPEATER

1. Update on status of WA6TOW repeater from Dave Rinck-K6DMR: Need to replace a back-up antenna at the repeater site 2M. Have had a number of power failures. Dave-K6DMR has been able to restart remotely.
2. **Auto-patch** – Remove from Agenda & Minutes forms. No longer in use per K6MDR
3. **Digipeater** - No report
4. **APRS** - No report

5. **Emergency Services** – Pacifica CERT is looking to put up a low-level repeater and is looking for assistance in spare parts.

Replacement Repeater

Update on Repeater Replacement Committee progress from Roy Brixen-KE6MNJ:

Roy had an antenna and cables stolen out of his truck today. Reports have been filed. Scott will make room in his garage for the repeater. He's grounded the antenna mast. Casey & Roy will pool their resources to get the necessary antennas. Should be almost ready to move the repeaters to his house for further testing.

Field Day

June 22-23rd, 2019 - Start Planning – Frank will have his van available, but needs help loading.

Newsletter

Published

Website

Secretary needs to pull updates together to send to Scott.

Net Script

Using approved script

UNFINISHED BUSINESS

Calendar Updates:

- a. World Amateur Radio Day, April 18th
- b. NARCC Meeting, April 27th
- c. The Relay, May 4th – 5th – foot race from Calistoga to Santa Cruz. They are looking for a om Boss. Question if they contacted Control _Operator requesting use of WA6TOW.
- d. Devil's Slide Ride, June 8th. Casey looking for volunteers for multiple positions.
- e. Green Dawn/Silver Dragon – No information. Not sure it will be held this yea

NEW BUSINESS.

A. Discussion on Funds and what we need to keep on hand. Should we make a donation? Suggested making a donation to Pacifica CERT. Casey is working with them and will get information on estimates of what they need and bring back to the club.

ADJOURNMENT

Motion made by Dave-KF6TWW and seconded by Gary-KI6HIG to adjourn the meeting at: 8:10p.m. Meeting adjourned to Presentation by Roy Brixen-KE6MNJ on Modern Repeater Controller

Submitted by Walt Long, KG6EDY.

PRESENT AT THE MEETING

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



NEWS

ARRL UPDATE

ARRL Reply Comments Stress Need to Update Technician Privileges in a Digital World

In reply comments to the FCC (comments on comments already filed) on its Petition for Rule Making (RM-11828), ARRL has stressed that updating HF privileges for the entry-level Technician license "is the sole subject and intent" of the petition. ARRL filed its reply comments on April 29, urging the FCC to disregard comments irrelevant to its petition and maintaining that Technician privileges must be relevant within the context of today's technological environment.

"The increasingly rapid pace of change in communications technologies, coupled with the national need for self-training in science, technology, engineering, and math" necessitate the rule changes requested, ARRL asserted. "ARRL made its request because of the gap between today's digital technologies and the privileges accorded the current entry-level Technician license." ARRL

characterized its proposal to update the rules as "balanced and modest."

"If adopted, there would be no change to the operating privileges for all license classes other than those of the Technician class," ARRL said. In 2018, ARRL asked the FCC to expand HF privileges for Technician licensees to include limited phone privileges on 75, 40, and 15

ARRL update cont.

meters, plus RTTY and digital mode privileges on 80, 40, and 15 meters. The FCC invited comments on the proposal in April.

ARRL pointed out that some comments filed on its petition address subjects related to other open proceedings rather than expanding Technician privileges, citing comments cross-filed in such proceedings as WT Docket 16-239, RM-11708, RM-11759, and RM-11831. "Those filings should be considered in the proceedings that they address, rather than here," ARRL said.

ARRL said some opposition appears based on fears of increased interference potential due to additional digital operation by Technicians. "It is improbable that all, or even a majority, of Technician licensees suddenly would develop a passion for the same digital technology," ARRL said. "Our hope and expectation is that many will engage with digital modes on the high-frequency spectrum at issue, but it is unrealistic to suggest that every Technician licensee blessed with new privileges would suddenly appear on the same band."

The comments note the development of very efficient digital modes, such as FT8, which occupies just 90 Hz of spectrum per signal. "The experience with FT8 clearly demonstrates the attraction of the digital modes and the spectrum efficiencies that can be achieved," ARRL said. "This is why opening up limited digital opportunities to new radio amateurs so clearly would serve the broad public interest as well as the specific purposes of Amateur Radio in experimentation and innovation, as enumerated in the governing FCC rules."

ARRL further said that comments regarding disagreement on the definition of encryption for masking the content of certain digital transmissions are also "out of place in this proceeding" and "should not delay initiation of a proceeding" proposing to update Technician privileges.

"Technology has changed dramatically in the Amateur Radio domain, and ARRL believes the requested Technician license enhancement would foster the regulatory goals for the Amateur Service and continue to increase amateurs' historical experimentation and service in a meaningful way," ARRL concluded.

World Scout Jamboree Gearing Up for Significant Amateur Radio Presence

Amateur Radio will be a part of this summer's 24th World Scout Jamboree in West Virginia, the first World Jamboree held in North America since 1983. The Jamboree has chosen the theme "Unlock a New World." Thousands of Scouts and Scout leaders from some 200 countries are expected to attend. The Jamboree's Amateur Radio Exhibit will use the call sign NA1WJ -- North America's 1st World Jamboree. It will be on the air during the event, July 22 until August 2, at the Summit Bechtel Reserve, hosted by Canada, Mexico, and the US. Amateur Radio testing is expected to begin as early as July 14. Operating frequencies will be posted in real time via Facebook and Twitter or via an NA1WJ email group.

"The goals of the Amateur Radio station at the World Scout Jamboree are to introduce Amateur Radio to Scouts and Scout leaders through hands-on participation in two-way communication with other stations across the globe. This activity will also serve as the Amateur Radio voice of the Jamboree," the World Scout Jamboree Amateur Radio Exhibit Operational Vision document states. Other facets of Amateur Radio at the Jamboree will include Amateur Radio direction finding (ARDF), Amateur Radio satellite contacts, and a scheduled Amateur Radio on the International Space Station (ARISS) contact with an ISS crew member.

"We also expect to launch one or two balloons with Amateur Radio payloads and track them as they cross the Atlantic," the vision document continues.

Organizers are encouraging radio amateurs around the globe to get on the air during the World Jamboree to help NA1WJ demonstrate Amateur Radio for Jamboree visitors.

The 2019 World Scout Jamboree operation at the Summit Bechtel Scout Reserve will take advantage of lessons learned by the K2BSA Amateur Radio operation

during the 2013 and 2017 USA National Jamborees. It will also take advantage of the existing infrastructure, which includes three VHF/UHF repeaters installed by Icom America, as well as the utility poles for installing antennas. K2BSA ham gear stored in West Virginia includes antennas, rotators, and cables.

ARRL update cont.

Evening operation from NA1WJ will involve at least two operators using the buddy system. VHF/UHF repeaters will offer full coverage of the Jamboree area via handheld transceivers, facilitating networking as well as emergency communication. The exhibit will include an Amateur Radio station with the special event call sign W8J.

The demonstration station will include multiple operating positions offering a variety of modes. These include six stations with 100 W HF transceivers, computer logging software, and large screen computer displays; two VHF/UHF stations for demonstrations and repeater monitoring, and two satellite communication systems. The antenna farm will include two HF directional antennas, three HF dipoles, three HF vertical antennas, VHF/UHF verticals and satellite antennas with azimuth and elevation control, a trailer-based crank-up tower, a five-band Yagi, a 40-meter rotatable dipole, and a 6-meter Yagi.

Each station will be able to accommodate four participants at a time, plus one control operator. The goal is to give each participant up to about 10 minutes of operating time.

The K2BSA Amateur Radio Association will host a "Radio Scouting" booth at Dayton Hamvention® (Booth 2205 in Building 2).

So Now What? Podcast

"Finding the Right Club for You" is the focus of the new (May 2) episode of the [So Now What?](#) podcast for Amateur Radio newcomers. If you're a newly licensed Amateur Radio operator, chances are you have lots of questions. This biweekly podcast has answers! *So Now What?* offers insights from those who've been just where you are now. New episodes will be posted every other Thursday, alternating new-episode weeks with the [ARRL The Doctor is In](#) podcast.

So Now What? is sponsored by LDG Electronics, a family owned and operated business with laboratories in southern Maryland that offers a wide array of antenna tuners and other Amateur Radio products.

ARRL Communications Content Producer Michelle Patnode, W3MVP, and ARRL Station Manager Joe Carcia, NJ1Q, co-host the podcast. Presented as a lively

conversation, with Patnode representing newer hams and Carcia the veteran operators, the podcast will explore questions that newer hams may have and the issues that keep participants from staying active in the hobby. Some episodes will feature guests to answer questions on specific topic areas.

Listeners can find So Now What? on Apple iTunes, Blubrry, Stitcher (free registration required, or browse the site as a guest) and through the free Stitcher app for iOS, Kindle, or Android devices. Episodes will be archived on the ARRL website.

**AMATEUR RADIO HISTORY*****THE WAYBACK MACHINE***

BY BILL CONTINELLI - W2XOY

Where were you in '62? Lets take a snapshot of amateur radio years ago. In January, 1962, there was one word on the lips of every amateur, "OSCAR". No, I'm not talking about the Academy Award, but rather Orbital Satellite Carrying Amateur Radio. OSCAR I was launched on December 12, 1961. By today's standards it was extremely simple--a one cubic foot package containing a 2 transistor, 140 mw crystal controlled cw transmitter sending "hi" on 144.98 Mc. The beacon lasted only 3 weeks--long enough for thousands of hams to hear it. Amateur radio was now in the space age. Congratulations came in from Vice President Lyndon Johnson and Mrs. Lee DeForest--widow of the famous inventor. OSCAR I was followed in June by OSCAR II. Other notable 1962 space activities included John Glenn's first flight in February, and the Launching of Telstar--the first communications satellite--in the summer.

The amateur radio population hit two milestones in 1962. The number of hams passed the 250,000 mark by the end of the year, and membership in the American Radio Relay League hit 100,000. With the increase in the amateur census, the FCC was running out of "WA" prefix call signs in the 2nd and 6th Call Areas. Soon, "WB" call signs would appear. As for the ARRL, it was running out of space. The old building in West Hartford was filled to the rafters. So, the ARRL proposed a new Headquarters at the site of W1AW--225 Main St., Newington, Conn. The new building would cover 25,000 sq. ft.--vs. 14,000 sq. ft. for the West Hartford location. To finance the \$250,000 cost, the ARRL started the Building Fund. They hoped to be in the new Headquarters by 1963.

On May 11, 1962, Herbert Hoover Jr, W6ZH, was elected President of the ARRL. Son of Herbert Hoover--the former President and Secretary of Commerce--W6ZH was famous in his own right as an inventor,

wayback machine cont.

Corporate President, and engineer. Licensed since 1915, he was active on all bands from 160 through 2 meters.

In regards to licenses, there was good news and bad news. The FCC decided in 1962 that an individual seeking an amateur or CB license no longer needed to have the application Notarized. No longer would you solemnly stand before a Notary Public, right hand raised, and swear that the application was accurate and complete to the best of your knowledge. Given the sorry state of some CB and ham frequencies, I, as a Notary, believe this requirement should be brought back. The bad news from the FCC- license fees. Public comment was solicited on the FCC proposal to institute license fees of between \$5 and \$10. The ARRL was strongly opposed to the idea.

For Technicians, 1962 was not a good year. A proposal to amend Part 12 to allow Technicians on 10 meters was denied by the FCC. The FCC strongly reinforced their policy that the purpose of this license was experimentation, not communication. The license was not designed for communications service, and was not to be regarded as a stepping stone between the Novice and General Classes. The ARRL supported the FCC decision. There was one bit of good news for Technicians--a new magazine called "VHF Horizons". The focus of this publication was ham radio above 50 Mc, and, for the first time in the amateur community, there were editorials in a national magazine supporting Technicians as full fledged hams. Unfortunately, after only 2 years, "VHF Horizons" ceased publication.

In technical areas, SSB was passing AM as the favored voice mode. Transistors now existed that could handle 2 watts or more above 50 Mc. As a result, many "all transistor" 6 meter portable units were described in the pages of QST.

For those who preferred kits or factory built equipment over homebrewing, there were lots of choices. Heathkit had the "Pawnee" and "Shawnee" 2 and 6 meter transceiver kits. These were AM/CW mobile units, which used 15 tubes and a vibrator power supply. Clegg and Gonset also had many 2 and 6 meter rigs, including the Clegg Zeus, a 6 and 2 meter transmitter for \$675. Polytronics introduced the Poly-Comm 62, a dual band 6 and 2 meter transceiver for \$379.50. For the HF operator, Johnson had a full Viking Line, including the Invader, a 200 watt CW/SSB/AM transmitter for \$619.50, the Ranger, a 75 watt CW, 65 watt AM transmitter for \$249.50, and the Adventurer, a 50 watt CW crystal controlled transmitter for only \$54.95. Why don't you match your Viking transmitter with a Hammarlund receiver? Try the HQ180 for \$429, or the HQ 170 for \$379. By the way, Radio Shack carries the full line of Hammarlund equipment--at their 8 stores coast to coast.

Note that these are 1962 prices--multiply them by 4 to get today's equivalent. Adjusted for inflation, today's radios are 3 times cheaper than those of the 50's and 60's.

CB radio was booming in 1962. There were more CB'ers than hams, and an ugly rumor started that the FCC was going to give 10 meters to the CB crowd. The FCC put out an announcement that the rumor was 100% false. CB radios were everywhere--even in the pages of QST, tucked away in full page ads from Eico and Lafayette.

The National Calling and Emergency frequencies in 1962 were 3.55, 7.1, 14.05, 21.05, and 28.1 Mc for CW, and 3.875, 7.25, 14.225, 21.4, 29.64, 50.55, and 145.35 Mc for phone.

And, finally, CONELRAD was still alive at the beginning of 1962. Every ham had to monitor 640 or 1240 kc while on the air. However, the basis for CONELRAD was becoming obsolete and, on July 13, 1962, CONELRAD ended. It was replaced by the Emergency Broadcast System.

In our next installment, we are going to look at CONELRAD, and the role it played in the lives of every amateur, CB'er, and U.S. Citizen. So, until then, keep monitoring 640 and 1240 kc, and remember to "Duck and Cover".

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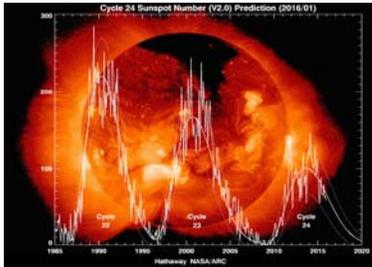


**THE 2019 MEMBERSHIP FORMS
ARE NOW AVAILABLE!**

**RENEW YOUR MEMBERSHIP
TODAY!**

CONTACT FRANK-N6FG

SOLAR UPDATE



Tad Cook, K7RA, Seattle, reports: No sunspots were visible over the April 25 - May 1 reporting week, and so the average daily sunspot number dropped to zero after sitting at 8.1 during the previous 7 days. Average daily solar flux declined from 70.6 to 67.5. Geomagnetic indicators were quiet, with average planetary A index at 5.9, up from 4.7 in the previous week.

Predicted solar flux is 68 and 70 on May 2 - 3; 72 on May 4 - 5; 74 on May 6 - 9; 78 on May 10 - 16; 76, 72, and 70 on May 17 - 19; 69 on May 20 - 21; 68 on May 22; 67 on May 23 - June 2; 70 and 75 on June 3 - 4; 78 on June 5 - 12; 76, 72, and 70 on June 13 - 15.

Predicted planetary A index is 15 and 10 on May 2 - 3; 5 on May 4 - 9; 8 on May 10; 5 on May 11 - 19; 8 on May 20; 5 on May 21 - 26; 10, 14, 12, 8, and 5 on May 27 - 31; 10, 12, and 14 on June 1 - 3; 8 on June 4 - 6, and 5 on June 7 - 15.

The New Yorker recently ran an article about aurora borealis tourism.

Sunspot numbers for April 25 - May 1, 2019 were 0, 0, 0, 0, 0, and 0, with a mean of 0. The 10.7-centimeter flux was 67.5, 67.2, 66.9, 67.9, 66.9, 68.5, and 67.6, with a mean of 67.5. Estimated planetary A indices were 5, 4, 6, 5, 5, 5, and 11, with a mean of 5.9. Middle latitude A index was 4, 2, 5, 4, 6, 4, and 8, with a mean of 4.7.

A comprehensive K7RA Solar Update is posted Fridays on the ARRL website. For more information concerning radio propagation, visit the ARRL Technical Information Service, read "What the Numbers Mean...", and check out K9LA's Propagation Page.

A propagation bulletin archive is available. Monthly charts offer propagation projections between the US and a dozen DX locations.

Share your reports and observations.



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: Sat July 10th

Where: Dublin CA

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 May 11th Sunnyvale, 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 9th	2019 Agenda Planning, LM Fire Station
Feb 13th	Agenda Final, Repeater Controller LM Fire
Mar 10th	Daylight Savings Time Begins
Mar 13th	LM Round Table Pizza 1400hrs
Apr 10th	LM Fire Station
Apr 28th	Dream Machines, El Granada
May 8th	Field Day Planning Mtg, LM Fire Station
Jun 8th	Devils Slide Ride, PARCA Bike Event
Jun 12th	Field Day Planning Mtg, LM Fire Station
Jun 22-23	CARC Field Day, Sweeney Ridge
Jul 10th	Field Day Wrap-Up Mtg, LM Fire Station
Aug 14th	LM Fire Station
Sept 11th	LM Fire Station
Sept 28-29	Pacific Coast Fog Fest, Pacifica
Oct 9th	2020 Officer Nomination , LM Fire Station
Nov ?	Election Dinner, Nick's, Rockaway Beach
Dec 11th	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.

This newsletter contains material from The ARRL Letter as permitted by the American Radio Relay League

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

60 Years



of Service

50 Years



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



**MEETING
NOTICE:**

**MAY 14TH
PACIFICA
LM FIRE
7:30PM**

**MAY MEETING
FIELD DAY PLANNING**

CLUB OFFICERS			
Office	Name	Call	E-Mail Address
President	Walt Long	KG6EDY	(650) 992-9491
V. President	Bill Lillie	N6BCT	(650) 726-3630
Secretary	Tom Oliver	KG6OGL	(650) 488-0704
Treasurer	Frank Erbacher	N6FG	(650) 355-4355
CLUB STAFF			
Control Operator	David Rinck	K6DMR	(650) 355-1778
Emergency Services	Frank Erbacher	N6FG	(650) 355-4355
Field Day	Frank Erbacher	N6FG	(650) 355-4355
Membership	Frank Erbacher	N6FG	(650) 355-4355
Newsletter Editor	David Rinck	K6DMR	(650) 355-1778
Newsletter Publisher	Frank Erbacher	N6FG	(650) 355-4355
Station Technician	Michael Herbert	WB6JKV	(650) 355-6541
Trustee of Club Call	David Rinck	K6DMR	(650) 355-1778
Website	Scott Mercer	KI6SEJ	-

COASTSIDE COMMUNICATOR

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FIRST CLASS

TO:

