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# THE COASTSIDE COMMUNICATOR

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VOL. 46, No. 6

JUNE 2014

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## PRESIDENT'S COLUMN

Greetings,

At this month's meeting, following the committee reports, we will discuss the preparations for Field Day. Field Day is on June 28th & 29th. We will be on top of Sweeney Ridge, our normal location. We will need help setting up on Saturday morning, as we are operating until 11:00 am on Sunday. If you want to participate and cannot make the meeting, you can contact Frank at [n6fg@arrl.net](mailto:n6fg@arrl.net).

We have a conflicting event on Saturday June 28th, the Devil Slide Ride, a bicycle event, where Casey, N6TZE, is the Comm. Boss. Yes you can do both, work the bicycle event, and then come up to the Field Day site. You can contact Casey at [n6tze@arrl.net](mailto:n6tze@arrl.net) if you want to help.

On May 11th, about eight club members and guests visited the Red Oak Victory, a Victory Ship in Richmond. We enjoyed a pancake breakfast and a tour of the ship. I thank Roy, KE6MNJ, for arranging the trip.

On Saturday of Memorial Day Weekend, I was at the Flag plating ceremony. Ham Radio Operators controlled the raising and lowering of the main Flag, and provided logistic support for the Boy Scouts and other volunteers plating the Flags. I don't know the number of volunteers planting the Flags, but it took the volunteers about ninety minutes to plant 113,000 Flags.

73,

Walt-KG6EDY

## MAY MINUTES

The May 14, 2014 meeting was called to order at 7:32 p.m. by our Club President Walt Long-KG6EDY at the Linda Mar Fire Station in Pacifica. Self-introduction by the members followed.

No corrections to the minutes were noted. It was moved by Bob Barbitta-W6LOG to approve the minutes as published in the Coastside Communicator. The motion was seconded by Roy Brixen-KE6MNJ and unanimously passed by the membership present.

### *TREASURER'S REPORT*

Club Treasurer Frank Erbacher-N6FG read the report of the Club's financials: \$17.50 in the General Fund; \$6,328 in the Repeater Fund; \$897 in the Digipeater Fund, and \$8,440 in the EOC/Public Service Fund.

These individual fund totals add up to a club total of \$15,683. Frank reported that \$24 was paid for mailing and publication of the Coastside Communicator newsletter, and \$40 was expended for a PDF form needed for filling out State tax documents.

Casey Villyard-N6TZE said that he has a bill for \$251.10 for packet station antenna, coax and other materials for which he needs reimbursement.

Frank informed the members that he has taken care of filing CARC's 2013 Federal and 2012 and 2013 State tax documents.

### COMMUNICATIONS

Frank also reported that the April US Bank statement and the April Short Skip from Santa Cruz were received by the Club

### MEMBERSHIP

Frank informed the members that CARC now has 64 members, 61 licensed and 3 unlicensed.

### *COMMITTEE REPORTS*

#### REPEATER

Dave Rinck-K6DMR, committee chair, reported that the Repeater Committee has selected two new repeaters, 1 UHF and 1 VHF, the XPR 8400 Motorola, at a cost of \$4,575, and that that amount represents a discount price for amateurs and includes the cost of the software, cables and wide band license fee. Dave-K6DMR said that this model would be a good fit, small package that could be easily moved later if needed. Casey-N6TZE said that this amount does not include new smaller profile cavities, isolators, racks or power switch-over circuitry, which he estimates would run another \$2,000 to \$3,000. As a further heads-up, Dave-K6DMR stated that once it's all set up, that we will likely also want to have a new spare repeater at least for the VHF and preferably also for the UHF.

It was moved by Frank-N6FG and seconded by Roy-KE6MNJ that the Club approve the \$4,575 expenditure for the two repeaters. During discussion, it was pointed out that that amount didn't include shipping. Frank-N6FG amended his motion to include the additional cost of shipping. The motion was seconded by Bob-W6LOG and unanimously passed by the members present.

Casey-N6TZE said that a trip up the hill would be needed to install a new packet antenna and batteries and to find out why the APRS is down. After discussion and at Frank-N6FG's recommendation, it was moved by Roy-KE6MNJ, seconded by Bob-W6LOG, and unanimously passed by the members present that the cost of gas for making trips up and down the

**REPEATER CONT.**

hill for repeater system repairs would be automatically reimbursed without further motion or vote.

**AUTOPATCH**

Operational

**DIGIPEATER**

No report

**APRS**

No report

**EMERGENCY SERVICES**

No report

**FIELD DAY**

Frank-N6FG reported that we have an insurance certificate for the Club for this year as of June 1, but that we still need the insurance certificate for the Park for Field Day. Dave-K6DMR is working on obtaining the required permit. Frank stated that the Tribune would be carrying an article on June 25th about the Field Day setup on Sweeney Ridge.

**FOG FEST**

Frank-N6FG stated that he sent in the form affirming CARC's intention to participate this year.

**NEWSLETTER**

Published

**WEBSITE**

Operational.

**BYLAWS**

Walt-KG6EDY stated that as president he had appointed Mary Ellen Scherer-AJ6J and Frank Erbacher-N6FG to a new Bylaws Committee to deal with amendment language to CARC's recently adopted Constitution and Bylaws that is needed to obtain State tax-exempt status from the State of California Franchise Tax Board under Section 23701g of the Revenue and Taxation Code. Once Mary Ellen-AJ6J and Frank-N6FG had drafted the proposed language, it was sent to the membership for review in advance of the meeting. Frank-N6FG pointed out that the new language was basically verbatim right out of the State's manual. Mary Ellen-AJ6J said the only addition to the language that was specifically requested by the Franchise Tax Board itself was the addition of a sentence to Article III, "Officers and trustees serve without compensation." This change was recommended by Walt-KG6EDY.

It was moved by Mary Ellen-AJ6J and seconded by Josh Villyard-N6TZF that the changes proposed for the Preamble, consisting of deleting the word "undersigned" and replacing it with "Coastside Amateur Radio Club," and deleting "the" in front of "association" on line 2 and replacing it with "an unincorporated" be adopted by the members present for submission to the full membership for a vote. The motion was unanimously passed by the members present.

It was moved by Mary Ellen-AJ6J that the proposed new language for Articles I through IV on Page 2 be adopted by the members present for submission to the membership for a ballot vote. The new language to be included is the following:

"Article I, Name: The Organization shall be known as the Coastside Amateur Radio Club.

"Article II, Purpose: The specific and primary purpose of the organization is to operate an Amateur Radio Club within the meaning of Section 23701g of the California Revenue and Taxation Code and Section 501(c)(7) of the Internal Revenue code.

"Article III, Organized for non-profit: This organization does not contemplate pecuniary gain or profit to the members thereof and is organized for nonprofit purposes. Officers and trustees serve without compensation.

"Article IV, Limitation of Powers: Notwithstanding any of the above statements of purposes and powers, this association shall not, except to an insubstantial degree, engage in any activities or exercise any powers that are not in furtherance of the specific purposes of the association."

The motion was seconded by Bob-W6LOG and unanimously adopted by the members present for submission to the membership for a vote.

Frank-N6FG offered an amendment to the motion to the effect that it includes the fact that what were previously numbered Articles I through XII be renumber as Articles V-XVI. The motion was seconded by Bob-W6LOG and unanimously adopted by the members present for submission to the membership for a vote.

Walt said that we have a deadline of June 20 to submit out paperwork to the State. It was moved by Mary Ellen-AJ6J that proposed amended language be incorporated into the CARC Constitution and Bylaws and submitted to the membership for a ballot vote with a return ballot due date of June 11. The motion was seconded by Bob-W6LOG and unanimously adopted by the members present.

***UNFINISHED BUSINESS***

Red Oak Victory – Walt Long-KG6EDY said all who participated in this field trip on May 11 enjoyed it, and he thanked Roy Brixen-KE6MNJ on behalf of the Club for organizing it.

Devil's Slide Bike Ride – Casey-N6TZE said he needs more help from members able to assist with this event. This is a 12- to 14-hour event that will take place on Saturday, June 28. Casey said the event is organized for PARCA, an organization that assists people with learning disabilities. Any member available to assist with the bike event is asked to contact Casey directly. Walt-WG6EDY pointed out that this is Field Day Saturday and encouraged anyone who participates in the Bike Ride event early in the day to then show up and participate in the Club Field Day activity on Sweeney Ridge later in the day.

***NEW BUSINESS***

APRS and Digipeater Funds – Frank-N6FG recommended that a line be added to the membership form to allow for APRS contributions. After discussion, it was moved by Casey-N6TZE, seconded by Bob-W6LOG, and unanimously passed by the members present to combine the Digipeater and APRS funds.

Field Day Expenses – It was moved by Mary Ellen-AJ6J and seconded by Frank-N6FG that Scott Mercer-KI6SEJ would be authorized to order a van with the attendant expenses and costs to be the same as last year.

## NEW BUSINESS CONT.

The motion was passed unanimously by the members present. Frank-N6FG agreed to order the Porta-potty and have it delivered to Casey's. Dave-K6DMR agreed to haul it up to Sweeney Ridge.

General Fund – After discussion, Mary Ellen-AJ6J moved that \$1,000 be moved from CARC's EOC Fund to its General Fund. The motion was seconded by Bob-W6LOG and passed unanimously by the membership.

**MOTION TO ADJOURN**

At 8:21 p.m. it was moved by Ralph Bailey-K6DLZ, seconded by Bob-W6LOG, and unanimously passed by the membership, that the meeting be adjourned to the Home Brew Session.

**PRESENT AT THE MEETING**

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

**Officers:** President: Walt Long-KD6EDY; Vice-President: Ralph Bailey-K6DLZ; Secretary: Mary Ellen Scherer-AJ6J; Treasurer: Frank Erbacher-N6FG.

**Members:** Robert Barbitta-W6LOG, Roy Brixen-KE6MNJ, Orval Chasey-N6OZI, Ariel Gallega-K6RYL, Tom Oliver-KJ6OGL, Dave Rinck-K6DMR, Casey Villyard-N6TZE and Joshua Villyard-N6TZF.

**Visitors:** Allen Federman-KK6LTY



## NEWS

**CARC FIELD DAY 2014- JUNE 28 AND 29, 2014**

We NEED YOU as VERY FEW Club Members and others have signed up for set up, take down AND operating for this Yearly ARRL Nationwide and Canadian event. The event idea is to contact as many Amateur Radio Stations as possible operating in US and Canadian territory. The event operation is for 24 hours continuously. Purpose is to stimulate interest in operating with Emergency Equipment and setups whether in homes, offices, hospitals, EOCs, etc. Well you get the idea. See <http://www.arrl.org/field-day>

**COASTSIDE ARC FIELD DAY**

Our club intends to operate at the Portola Discovery Site, GGNRA, Sweeney Ridge, which is a vehicle restricted area. Vehicle access is controlled by a locked gate. We receive its combination usually the day before this event. Our Club's Field Day operation usually consists of 2 HF Stations with a full sized 20 and, if we have enough help, a 15 meter beam both up about 30 feet, and hopefully a VHF/UHF FM station. We will scale operations up or down as needed according to the number of volunteers and set up help. Over night operators usually sleep in their cars parked nearby. Others go home rest and come up later or in the night to operated and /or take down. We try to schedule persons if we can. FIRST TIMERS are WELCOMED!

Even if you may only stay and assist for a short time, please do so. For setup there are a number of lesser skilled, less demanding efforts such as untangling ropes, coiling and uncoiling coax, and moving things that are needed for those doing the heavier efforts. ALL help is welcomed. Contact us if you can ahead of time. Or just show up which is the main thing. Come try your hand at operating with us in this ARRL Yearly "Field Day" Exercise.

**Location:** Portola Discovery Site, GGNRA, Sweeney Ridge

**Starts:** 8 AM- MEET AT GATE. June 22nd, Operating starts at 11 AM

**Ends:** 11 AM June 23rd, Tear Down starts 9 AM. Operating Ends 11 AM. All equipment should be packed up to before 1 PM

The GGNRA permit approval to enter this site is in the final stage. The combination will be available after it is checked on site. An E-mail will then go all members. Call the phone numbers above for information. The Permit requirement is that ONLY CLUB MEMBERS may have the combination information. Visitors are welcome accompanied by CARC members.

**Vehicle Access:** Via the West End of Sneath Lane from Skyline Drive. There is a locked gate at that point. The Combination lock MUST be off the combination to be locked when closed after you pass through. Set the 4 dials to ZERO afterwards. Yank on the lock to make sure it is really locked. This is a permit requirement. You must bring a flash light for night use at the gate.

This is a GGNRA site with a narrow one lane winding road. The up hill vehicle has the right of way so look ahead and pull over at the wider spots. Drive very slowly ALWAYS. And be extremely courteous to all walkers, bicyclists, and hikers and their pets. They WILL NOT EXPECT vehicles and with the wind, they will not hear you. They may be irritated that you are there as they use the area often. We want to KEEP our welcome up there.

Parking Site is at the top of the hill as the paved roadway flattens out and turns to the right. Turn LEFT off the paved roadway onto a dirt road and almost immediately park to the right under the power lines. Keep the road clear for Park Rangers and other official vehicles. This is where all vehicles park except those used for operating. The Operating Site is about 100 yards further southerly on that dirt road and is to the left at the knoll.

**Permit Rules:**

Fire Danger Area- PERMIT PROHIBITION NO outside cooking or open flames allowed. Our Generator is the only potential fire source except smokers. NO SMOKING is allowed in any operating positions and is discouraged in general because of the Fire Danger and liability. Other site visitors not in our control are a concern so please watch them if they smoke.

**Drinking:** ALCOHOLIC BEVERAGES ARE PROHIBITED so DO NOT BRING THEM. Bring plenty of other liquids for your own use.

**Do Not Damage plants, etc. on this site.**

Clean up after yourselves and help police our area of any trash. The winds will blow every thing around. CARC will have a trash can and a recycling bag. Our use area MUST be cleaned up before we may leave.

### The Operation

There usually are a larger number of persons at the start. Since there are only limited operating positions, they must be shared. Persons with Field Day experience should help train the newer operators when they arrive to share the experience. Those that can stay or come back later in the day/night to operate please limit your time during this period.

Normally there will be only be 2 operating chairs and one spare chair in each the HF operating stations which are two vans that are available sheltered from the elements.

This site is a Monument Area with no improvements but it has great views; and it is a wonderful Amateur Radio site. However it is a windy hilltop area without trees and only shrub bushes. There is Poison Ivy in the bushes so please be careful. If you need to know what it looks like ask someone to point it out to you. The only night lighting available is at the operating area and is very minimal.

### What To Bring:

**Set Up and Take Down:** Bring working gloves if you have them. Also hand tools like Philips and flat screw drivers, knife, pliers, 7/16" and 1/2" hand wrenches.

**Clothing, etc:** Sun Screen is a must. It is most often windy and wet at night and for that matter during the day. Or it can be as hot as all blazes during the day and very cold if clear at night. Layers of clothing are best. Long Johns are a good idea especially at night and warming gloves help at times. Operating positions have little or no heat.

**Food and Cooking-** Each person supplies THEIR OWN FOOD, water and beverage needs while there. Open flame cooking is not permitted by permit. We will have a pot of hot water going all the time for your use. There will be instant coffee, hot chocolate and cups. Saturday PM at some point here should be a Pizza paid by CARC. Who goes for it and when is determined by the Field Day Chairman at the site. There is a cost limit however so don't show up just to eat.

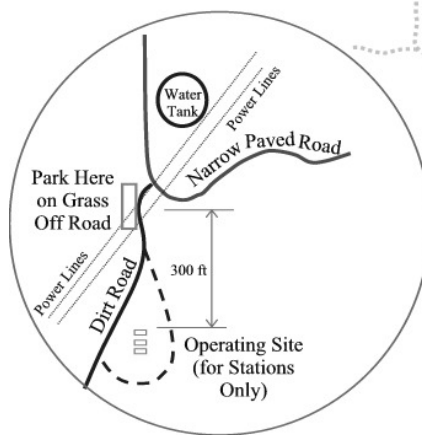
**Sleeping/Resting:** Bring your Flash Lights and spare Batteries. There are NO tent sites and amenities, etc. Tent placement must be ascertained before dark and MUST be clear of vehicle parking, bushes and roadway. The ground is uneven. Some operators have curled up in their vehicles, others wrap up in water proof tarps or tents on the ground between bushes. If an air mattress is used make sure it has insulation below it so you aren't cold from convection off the ground. Temperatures can drop very low especially due to wind chill so stay warm.

**Chairs:** Bring your own to use if you desire. There however are no shade trees and little shelter from the wind. They do blow around if not collapsed after use

**Portable Chemical Toilet:** One will be provided with TP and usually hand wipes. Normally our provider does not include any wash water and if so, it goes fast. Remember to bring your own wipes just to make sure.

**From:** Field Day Chairman Frank-N6FG, 650-355-4355 (Also for Gate Combination FD Weekend- Friday until Sunday), Cell 650-464-3870, [n6fg@arrl.net](mailto:n6fg@arrl.net) and David Rinck-K6DMR, 650-359-8997. [k6dmr@arrl.net](mailto:k6dmr@arrl.net)

## CARC FIELD DAY SITE SWEENEY RIDGE



## REQUEST FOR AMATEUR RADIO VOLUNTEERS

June is here and with it Field Day on the last full weekend of the month. It is always a great experience going to the top of Sweeney ridge and operating off-grid for a couple of days. Good equipment, comradely and usually some pretty good pizza.

This year I have been asked to help with the communications effort for The Devil Slide Ride, 2014. This event supports the efforts of PARCA who provide assistance to people with developmental disabilities and their families in the San Mateo County area. More information about PARCA can be found at: <http://www.parca.org/>

It will be held on the first day of Field Day and I am looking for volunteers on Saturday, June 28th. We will be using the WA6TOW repeater and share it with CARC Field Day traffic.

As is usual for these types of events the communications effort will be to pass health and welfare traffic and to help facilitate the smooth running of the ride.

If you do not plan to participate on the first day of Field Day this year and are available to volunteer for this event please let me know.

The ride starts in Pacifica at the community center on highway one. It goes south on highway one 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.

More information on the bike ride can be found at: [www.devilsslideride.org](http://www.devilsslideride.org)

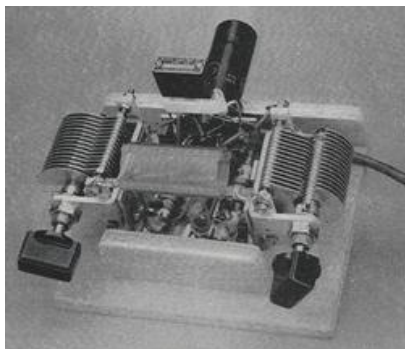
If you are available to volunteer on June 28<sup>th</sup> for this event please send me an email at [n6tze@arrl.net](mailto:n6tze@arrl.net) and let me know.



**ARRL UPDATE****A CENTURY OF AMATEUR RADIO AND THE ARRL**

For many years, there had been talk about creating an entry-level ham license, first between the ARRL and the FCC, and later within the amateur community. Many who wanted to become hams viewed the 13 WPM Morse code test as an insurmountable obstacle. After much deliberation, the FCC decided to create a new "Novice" license class. The Commission began issuing Novice tickets on July 1, 1951.

In those early years, Novice licensees were allowed to operate CW on sub-bands in 80, 11 (yes, 11!), and 2 meters, and AM voice on a segment of 2 meters. Novices were restricted to crystal-controlled



A lot of early Novices built their own gear. The 1952 edition of *The ARRL Handbook* included instructions on how to build this one-tube, crystal-controlled transmitter for the Novice.

operation at an input power of 75 W.

Novice applicants had to pass a 5 WPM code test -- both sending and receiving.

At first, the receiving test was made up of only 5-character words, making it an ever easier test. Early examinations consisted of 25 multiple-choice questions; the FCC would mail the test materials in a sealed envelope, and a local General or higher class licensee would administer the written and code exams to the applicant.

The original Novice license had a 1-year, nonrenewable term, since it was anticipated that Novices could get their code speed up to 13 WPM and acquire the technical knowledge required to pass the General exam within that period. Earlier Novice call signs included an "N" after the W or K prefix. Upgrading to General often was referred to as "dropping the N." Later Novice designators included a "V" after the prefix, which became an "A" after the holder upgraded. The FCC eventually did away with special Novice call signs altogether.

One amusing aspect of that early Novice 80 meter operation: World War II crystals were abundant and inexpensive. Wartime military operation had been channelized, mostly using crystal control, and one surplus crystal frequency fell within the 80 meter Novice band -- 3735 kHz. As you tuned across the 80 meter Novice band back then, it sounded like a full-blown DX pileup, 24 hours a day, when you reached 3735 kHz (known in that era as "kc").

In later years Novice licenses were issued for 2-year non-renewable terms, and later still for 5-year renewable terms. More questions were added to the written exam. Other sub-bands were opened for Novices on 40 and 15 meters, 2 meter Novice operation was eliminated, and 11 meters was turned over to the Citizens Band. The FCC eventually allowed Novices to use VFOs.

On April 15, 2000, the FCC stopped issuing the Novice license. The Novice era had come to a close. A small number of Novices remain, but most upgraded long ago.

The aim of the Novice license had been accomplished: Opening access for more people to become part of the Amateur Radio community.

**A CENTURY OF AMATEUR RADIO AND THE ARRL**

Continuing our look at amateur SSB during its early years, there was one major human obstacle: Teaching phone operators how to operate their receivers for SSB reception. For AM reception, operators were in the habit of setting RF gain to maximum and adjusted the audio gain to control the speaker level. It was difficult to convince operators that, for SSB reception, they needed to turn up the audio gain and back off the RF gain, so the incoming SSB signal level would be at the level the receiver needed for the BFO to insert a "carrier" signal. Operators soon learned how to tune in SSB signals.

Also, back in those days of analog frequency control, receiver frequency drift was a problem, and the frequency (or the BFO frequency) would have to be tweaked occasionally to keep the SSB signal properly tuned. That problem disappeared, as the oscillators in newer receivers became more stable.

In July 1948, *QST* began publishing the monthly column, "On the Air with Single Sideband," by By Goodman, W1DX, which continued until March 1954. By the early 1950s, some AM operators still looked at "that Donald Duck talk" with disdain, but most hams realized the value of SSB, and the changeover to SSB proceeded. By April 1953, there were at least 300 active SSB stations in the US. The first SSB DXCC was awarded in 1955, and the first WAS and WAC awards were made in 1956.

One very interesting SSB-related happening took place 1956. Air Force General Curtis LeMay had been assigned in 1948 to head the Strategic Air Command in. LeMay was well known on the ham bands as Curt, W6EZV. By virtue of SAC's mission, extremely reliable, long-haul communication was necessary. Separate radio operators were being eliminated from bomber crews, and the first thought was that SAC would communicate using HF AM radios. Because of his Amateur Radio background, LeMay had become aware of the value of SSB. So, he had Amateur Radio SSB gear installed in a SAC test aircraft that made two flights from SAC HQ in Offutt AFB, Nebraska -- one to Greenland and one to Okinawa -- while making SSB contacts all along the way on the ham bands! In addition to LeMay as an operator, two civilian operators were on board -- Art Collins, W0CXX (Collins Radio), and Leo I. Myerson, W0GFQ (World Radio Labs). A lot of hams around the world received treasured QSL cards from contacts made with that rare aeronautical mobile.

Soon thereafter, SAC announced its decision to install HF SSB equipment on its bombers and other aircraft. As you can see, Amateur Radio lent a helping hand to SAC and our nation's defense posture, back in the day when the Cold War was getting *very* chilly.

Next week we'll leave early SSB and move on to another subject.

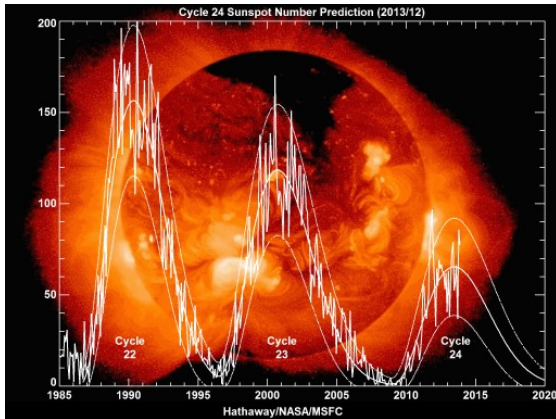


## NAME THAT RIG!



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: Clegg Climaster Zeus

## SOLAR UPDATE



Tad Cook, K7RA, Seattle, reports: Solar indicators continue to weaken. Average daily sunspot numbers declined from 129.4 to 103.3, and average daily solar flux went from 128.5 to 110.3. This is comparing May 22-28 to the previous 7 days.

The instruments used to measure solar flux at the observatory in British Columbia were overloaded on May 24, and the estimated solar flux was 118. The actual measured value was 124.5. Something went wrong at the Fredericksburg, Virginia, magnetometer that supplies our mid-latitude magnetic K and A indices, so there are no data for May 24-27. The mid-latitude A index numbers for those dates will appear in Friday's bulletin are also estimates, but they are my own.

The predicted solar flux values for Field Day weekend, Friday through Sunday, June 27-29, have also been declining. On May 15 the prediction was 125, 135 and 135. Then on May 19 they were adjusted down to 120 for all 3 days, and on May 26 the estimate declined again, to 108, 108 and 110. Field Day does not begin until Saturday, June 28, but it is useful to see the prediction for the day before.

The latest prediction has solar flux at 98 on May 29, 95 on May 30-31, 100 on June 1-2, 95 on June 3-4, 105 on June 5, 120 on June 6-8, 125 on June 9-11, 120 on June 12-13, 115 on June 14, and 110 on June 15-25. Predicted planetary A index is 8 on May 29-30, 5 on May 31, 8 on June 1, 5 on June 2-4, 8 on June 5-6, 10 on June 7, 8 on June 8, and 5 on June 9-30.



## COMING EVENTS

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

**CERT Training – San Mateo County**  
See <http://www.smcready.org/Community/Training.html> 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

### AERO-Auxiliary Emergency Radio Organization

Contact: Dave Gomberg  
Phone: (415) 731-7793  
Email: [dave1@wcf.com](mailto:dave1@wcf.com)  
Web Page: <http://www.wcf.com/aero/exams/>  
When: See Website  
Location: Jewish Community Center  
3200 California Street at Presidio Avenue  
San Francisco CA

### Bay Area Educational Amateur Radio Society

Offering a one day study session for Technician or General theory, followed by testing. Fee: \$30.00  
When: June 7<sup>th</sup> 2014, Fremont, 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](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  
E-mail: [mojoteri@comcast.net](mailto:mojoteri@comcast.net)  
Phone: (408) 507-4698 (Morris Jones- AD6ZH)  
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  
E-mail: [wb6imx@worldnet.att.net](mailto:wb6imx@worldnet.att.net)  
Web Page: <http://www.amateur-radio.org>

Sat	June 14 <sup>th</sup>	Sunnyvale, CA	10:30	AM
Sat	June 21 <sup>st</sup>	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 8th	2014 Agenda Planning, LM Fire Station
Feb 12th	2014 Agenda Finalizing/Bylaws LM Fire Station
Mar 12th	Pizza Night , Linda Mar Round Table Pizza
Apr 9th	Meeting Night , LM Fire Station
Apr 17th	Silver Dragon CERT Exercise-Pacifica
May 11th	SS Red Oak Victory Tour 10AM Richmond
May 14th	Home Brew/Junk Swap Nite , LM Fire Station
Jun 11th	Field Day Planning Mtg, LM Fire Station
Jun 28-29	CARC Field Day, Sweeney Ridge
Jun 28	PARCA Bike-A-Thon
Jul 9th	Field Day Wrap-Up Mtg,LM Fire Station
Aug 13th	Meeting Night , LM Fire Station
Sept 10th	Meeting Night , LM Fire Station
Sept 27-28	Pacific Coast Fog Fest, Pacifica
Oct 8th	2014 Officer Nominations, LM Fire Station
Nov ?	Election Dinner
Dec 10th	Holiday Potluck Dinner Meeting, LM Fire

? to be determined # updated ---- canceled \* tentative date



[www.smcready.org](http://www.smcready.org)



**In Memoriam**



**Roger G. Spindler-WA6AFT/SK**

**THE COASTSIDE AMATEUR RADIO CLUB**

The Coastside 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 WA6AFT repeater on 440.725 MHz may be used as an alternate if the WA6TOW 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 Coastside 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.

Permission is granted to reproduce any material of this publication; provided credit is given to the author, the Coastside Communicator, and one copy of the reproduced article is sent to the club.

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

*55 Years*



*of Service*

*45 Years*



*Affiliation*

## COASTSIDE NETS

### Monday

07:30 PM on WA6TOW  
146.925 MHZ, PL 114.8  
San Bruno ARC Net

### Tuesday

7:30 PM on WA6TOW  
146.925 MHZ, PL 114.8  
Daly City ARES Net

8:00 PM on WA6TOW 146.925 MHZ,  
PL 114.8 and KC6ULT 146.865 MHZ,  
PL 114.8 simultaneously, but not  
linked. San Mateo County ACS Net

### Wednesday

9:00 PM on WA6TOW  
146.925 MHZ, PL 114.8  
Coastside Amateur Radio Club  
Wednesday Night Check-in.

### Saturday

9:00 AM on 3.852 MHz, or the first  
clear frequency up/dn.  
(alt freq of 7.228 MHz.)  
Coastside Saturday Morning Group.

10:00 AM on WA6TOW  
146.925 MHZ, PL 114.8  
QCWA Ch. 11 NorCal. Net

### Sunday

7:00-7:30 AM on WA6TOW  
146.925 MHZ, PL 114.8  
Knights of the Megahertz Net

CLUB OFFICERS				
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President	Walt Long	KG6EDY	(650) 467-6990	kg6edy@arrl.net
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Website	Scott Mercer	KI6SEJ	-	ki6sej@arrl.net



**MEETING  
NOTICE:**

**JUNE 11<sup>TH</sup>  
LINDA MAR FIRE STATION  
PACIFICA, CA  
7:30PM**

**2014  
FIELD DAY  
PLANNING MEETING**

## COASTSIDE COMMUNICATOR

DAVID RINCK, EDITOR  
P.O. BOX 1106  
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FIRST CLASS

TO:

