



# THE COASTSIDE COMMUNICATOR

VOL. 45, No. 8

AUGUST 2013

WWW.COASTSIDEARC.ORG

## PRESIDENT'S COLUMN

August is here, and it's time for our annual "Back to School Night" with our very own Professor Extraordinaire – Roy Brixen-KE6NMJ. His topic will be "Becoming a Soldering Wizard in Three Easy Steps". In my experience, nothing is more important when working with electronics, than good soldering skills and techniques.

Over the years, I can't remember how many times when I was repairing equipment, where poor soldering was the cause or contributing factor of the problem.

My instructor in college was the biggest help in learning "precision soldering skills". An ex-military instructor, he was dogged in his inspection and critique of splices and termination of wires. He was a tough in grading our work, but those lessons have served me well through the years.

So plan on being at the meeting and learn some skills that will help you for years to come.

\*Remember, our monthly meeting time has changed; our new start time is now 19:00 hours.

73... David-K6DMR

## JULY MINUTES

The July 10, 2013 meeting was called to order at 7:20 p.m. by our club president David Rinck-K6DMR 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 by Dave Lawrence-KF6TWW to approve the minutes as published in the *Coastside Communicator*. The motion was seconded by Bob Barbitta-W6LOG and passed unanimously by the membership present.

### TREASURER'S REPORT

Frank Erbacher-N6FG read the report of the club's financials: \$1,403 in the General Fund; \$6,144 in the Repeater Fund; \$838 in the Digipeater Fund and \$6,040 in the EOC/Public Service Fund. These individual fund totals add up to a club total of \$14,425.

Frank reported that a total of \$591 was expended for Field Day, including \$281 for the porta-potty rental, \$260 for van rental and gas and \$50 for pizza. The generator and gas were donated by Casey Villyard-N6TZE.

\$28 was paid for mailing and publication of the *Coastside Communicator* newsletter.

### MEMBERSHIP

Total club membership stands at 70, including 2 non-licensed members, and 44 of who are ARRL members. Of the 68 licensed members, 31 hold an Extra class license, 15 are General class, 21 Tech and 1 Novice.

### COMMUNICATIONS

Frank-N6FG stated that the June US Bank statement was received, as well as the June SFARC newsletter.

### COMMITTEE REPORTS

#### REPEATER

The repeater is still in need of repair. A trip to effect repairs is planned for sometime in the next month or two.

#### AUTOPATCH

No report

#### DIGIPEATER

No report

#### APRS

No report

#### EMERGENCY SERVICES

No Report

#### FIELD DAY

Taken up under Unfinished Business

#### FOG FEST

No report except confirmation by Frank-N6FG that CARC will participate, and the event will take place on the weekend of September 28 and 29. Members who can volunteer should let Frank-N6FG know their availability.

#### NEWSLETTER

Published

#### WEBSITE

There was a request that anyone with photos from this year's Field Day event send those photos to webmaster Scott Mercer-KI6SEJ for uploading to the CARC Website.

#### BYLAWS

Committee Chair Mary Ellen Scherer-AJ6J again reminded the membership that 45 minutes will be set aside at the September meeting for review of the proposed new bylaws.

**UNFINISHED BUSINESS****FIELD DAY WRAP-UP**

Frank-N6FG reported that we had a good year with a good number of contacts, but that there were fewer contacts made this year than last. He said that we made 550 contacts compared to 829 for last year. He believed that one of our problems is that we don't have a shelter for people to crash or rest so that it's difficult to schedule in a way that we have operators available at all times. Frank also reported that additional points were received due to a visit from a representative from the Sheriff's Communications Unit, though without the van this year, as well as from Pacifica Councilman Mike O'Neill. There were also extra points earned through the use of digital and CW contacts. Frank stated that webmaster Scott Mercer-KI6SEJ has already uploaded statistics with respect to this year's Field Day onto the CARC website. Joe Pistritto-N3CKF will post the information from the logging software as soon as it's tabulated.

**AUGUST CLUB MEETING**

The members were reminded by Dave-K6DMR that the August meeting would be the much anticipated Back to School Night featuring a presentation by Roy Brixen-KE6MNJ.

**NEW BUSINESS**

Paul Grigorieff-N1HEL reported that the Maritime Radio Historical Society's annual "Night of Nights" event would take place on Friday, July 12, starting at 5 p.m. This event commemorates the history of maritime radio and the closing of commercial Morse operations in the US. The historic Point Reyes Morse code radio station KPH, as well as other historic coast stations, returns to the air every July 12 in commemoration of what was believed to have been the last commercial transmission made in the US at 5 p.m. PDT on July 12, 1999. Paul informed the members that the Point Reyes station K6KPH would be on the air on 80, 40, 20 and 15, using the transmitting frequencies of 3.550 on 80, 7.050 on 40, 14.050 on 20, and 21.050 on 15. Participation in this event could be an interesting and rewarding experience, as well as an opportunity for anyone wishing to get QSLs.

**MOTION TO ADJOURN**

Bob Barbitta-W6LOG moved that the meeting be adjourned at 8:01 p.m. The motion was seconded by Casey Villyard-N6TZE and unanimously passed by the membership.

**PRESENT AT THE MEETING**

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

**Officers:** President: David Rinck-K6DMR; Vice-President: Ralph Bailey-K6DLZ; Secretary: Mary Ellen Scherer-AJ6J;

**Members:** Jane Bailey-KF6PGF, Gary Barnes-KI6HIG, Robert Barbitta-W6LOG, Cheryl Crofts-KJ6RNK, Ed Freeman-KD6TWW, Paul Grigorieff-N1HEL, Dave Lawrence-KF6TWW, Bill Lillie-N6BCT, Tom Oliver-KJ6OGL, Casey Villyard-N6TZE, Joshua Villyard-N6TZF and Nikki Villyard-KI6VRA.

**Visitors:** Arnott Smith-KF2TM

Submitted by Mary Ellen Scherer-AJ6J

**NEWS****"BACK-TO-SCHOOL" NIGHT, AUGUST 14TH, 2013, PACIFICA FIRE HOUSE****BECOMING A SOLDERING WIZARD IN THREE EASY STEPS**

Soldering is a process in which two or more metal items are joined together by melting and flowing a filler metal, called solder, into the joint area. The filler metal must have a lower melting point than the metal items being joined, called work pieces.

There is evidence that soldering was employed as early as 5000 years ago in Mesopotamia. Soldering and brazing are thought to have arisen very early in the history of metal-working, probably before 4000 BC. Sumerian swords from ~3000 BC were assembled using hand soldering. Other than the weapons industry, through history, soldering was used to make jewelry items, cooking ware and tools, as well as religious objects such as in assembling stained glass. Today, soldering is used in the metals industry, in plumbing, in electronics, and in jewelry making.

For this "Back-to-School" program we will cover the following concepts:

1. Preparing to Solder
2. Three Seconds of Terror
3. Clean-up

Along with way, you will learn about the composition of solder, the chemistry of flux, the tools of the trade, the standards of workmanship, the actual soldering steps, and the after action clean-up. We will touch upon pierced terminal soldering, printed wiring board soldering, surface mount soldering, and de-soldering techniques and tools.

A detailed packet of notes will be supplied as well as a copy of IPC-610, the industry bible on techniques and workmanship.

**ARRL UPDATE****ARRL REITERATES CALL TO EVALUATE INTERFERENCE POTENTIAL OF 5 GHZ U-NII DEVICES**

In reply comments filed July 24 with the FCC, the ARRL reiterated its argument that any decision to authorize unlicensed National Information Infrastructure (U-NII) devices at 5 GHz "should await a full and complete evaluation of interference potential and interference mitigation techniques among the varied and incumbent users." The Amateur Service has a secondary allocation at 5650-5925 MHz in the US. Earlier this year the FCC released a *Notice of Proposed Rule Making (NPRM)* in ET Docket 13-49, seeking comments on making available an additional 195 megahertz of spectrum in the 5.35-5.47 GHz and 5.85-5.925 GHz bands for U-NII use. Reply comments are responses to comments already filed in the proceeding.

"The comments of the National Telecommunications & Information Administration (NTIA) indicate that NTIA shares

ARRL UPDATE CONT.

the same concern that ARRL has raised repeatedly in earlier proceedings concerning the 5 GHz band: that the *aggregate* interference potential of ubiquitous U-NII devices to incumbent radio services...is currently unknown," the League told the FCC.

U-NII devices use "wideband digital modulation techniques to provide a wide array of high data rate mobile and fixed communications for individuals, businesses, and institutions," the FCC explained in its *NPRM*.

HAMS AID CREW OF FOUNDERING VESSEL

According to news reports, hams in Hawaii and California played a role July 23 in efforts to rescue the two-person crew of a sailboat stranded on a reef more than 3500 miles away in Micronesia. The vessel *C'est la Vie*, a 53-foot sailboat



reported running aground on a reef in western Chuuk Lagoon.

When the situation developed, Big Island Amateur Radio Club member Richard Darling, AH7G, was in

contact with John Bush, KH6DLK/V63JB, and friends in the Federated States of Micronesia. Bush won the 2012 ARRL International Humanitarian Award for promoting the development and welfare of the population of the Island of Federai in the Ulithi Atoll, FSM, in part through establishing communication infrastructure and promoting ham radio. On July 23 he was in Northern California testing a new antenna to help him keep in better touch with his contacts within the FSM.

During the contact, Darling and his wife Barbara, NH7FY, heard the distress call, in which the crew reported the vessel was taking on water. The Darlings were able to hear the signal well and pass along important information about the sailboat's location and the severity of the crew's situation, which the Darlings relayed to the Coast Guard. The crew had told the Coast Guard they thought they could walk ashore on the reef and had a life raft and safety gear.

HAM CLUB RELOCATING GEAR FROM TOWER TOPPLED BY VANDALS

In the wake of what authorities in California believe is a case of vandalism that led to the collapse of a 200 foot radio tower on the West Coast, the Mount Diablo Amateur Radio Club plans to relocate its gear from the Rocky Ridge tower site to another tower nearby. Jim Siemons, AF6PU, says his club's repeater committee decided this week to remove MDARC's heavily used 144.390 MHz packet/APRS digipeater from the equipment vault on Rocky Ridge as soon as the club can get physical access.



"The plan is to, at least temporarily, relocate the digipeater to the North Peak of Mount Diablo, where we are now building an ATV repeater system," Siemons told ARRL, adding that the move could happen as soon as Saturday. "The North Peak of Mount Diablo should offer packet and APRS coverage to the majority of Northern California," he added.

Despite the tower collapse, the club's radio systems continued to work. "Even though the prostrated tower with our antenna lay flat on the ground, our packet system faithfully continued to operate for a couple of days subsequent to the collapse," Siemons noted. He said American Tower Corporation has indicated that it plans to restore some of the most critical public safety radio services within a week.

Late on July 28 or early on July 29, authorities say, vandals apparently cut several guy wires supporting the Rocky Ridge radio tower, located in the hills of the Las Trampas Regional Wilderness above San Ramon and Danville, causing the 200 foot structure to crash to the ground. Siemons says the Rocky Ridge Tower "has been a key communications tower for amateur, commercial, and public safety radio operators, alike."

Until the tower is restored, Siemons predicted "challenges with coverage" in certain coverage areas. KCBS Radio in San Francisco this week reported that police were investigating the tower collapse. No injuries occurred. Damage could go as high as \$1 million. A Contra Costa County Fire official told the radio station that the tower collapse had affected some dispatch services in the western part of the county, but police say backup systems headed off any disruptions. According to KCBS, police "are trying to determine why vandals would target the tower, which is located in a remote area of the park behind multiple gates and fences."

ARRL CONTEST BRANCH POSTS LOGS RECEIVED FOR 2013 ARRL FIELD DAY

The ARRL Contest Branch has posted a list of *all* logs received from participants in the 2013 ARRL Field Day. This list include logs sent via the web applet, e-mail and hard copy summaries. Logs designated "Checklog" are listed as such because the entry did not include the required summary sheet or was missing information necessary to include it as a regular entry. If your entry is shown as a checklog, contact ARRL Contest Branch Manager Mike DeChristopher, N1TA (860-594-0232) to have your entry reclassified properly.

If you find incorrect information in your listing, contact Mike to have the corrections made. Because of an e-mail issue at ARRL Headquarters in early July, some e-mail submissions may not have been received. If your entry is missing from the list, contact the Contest Branch to resolve this issue. Due to *QST* space limitations, club names are only given for Class A entries.



Members who would like to volunteer see Frank-N6FG



**From the Coastside Communicator Archives  
April 2001**

**San Mateo Ham Claims Pedestrian Mobile  
Distance Record**

Bonnie Crystal, KQ6XA, of San Mateo, California, (Pacific Division) and Max Pompe, ZL1BK, of Auckland, New Zealand, are claiming the record for the longest direct-path, pedestrian-to-pedestrian Amateur Radio contact. The two worked each other February 18 on 10 meters using compact SSB transceivers and homemade antennas.

On the New Zealand end, ZL1BK used a 1.8-meter (5 feet 11 inches) homebrew telescopic whip mounted on his Yaesu FT-817 running 5 watts. Crystal had a 6-meter (19 feet 8 inches) fishing pole strapped to an aluminum pack frame and ran 20 W using a Vertex/Standard VX-1200 HF Manpack transceiver, a radio that's not marketed in the US. "Both of us used 3-meter insulated-wire dragging counterpoises," said Crystal.

The 6500-mile contact began on 15 meters but ended on 10, because conditions were better there for that path. "Other stations in the HFpack group here in the US had been trying to make a go of it, but we just lucked out," Crystal said.

For his part, ZL1BK said, "I still can hardly believe we did it, but the Pacific gods smiles on us as we rode the airwaves today."

The HFpack Web site has more information at <http://groups.yahoo.com/group/hfpack/>. More information on Bonnie Crystal, KQ6XA, is available on her Web site, <http://www.qsl.net/kq6xa/>.

**Guest Speaker**

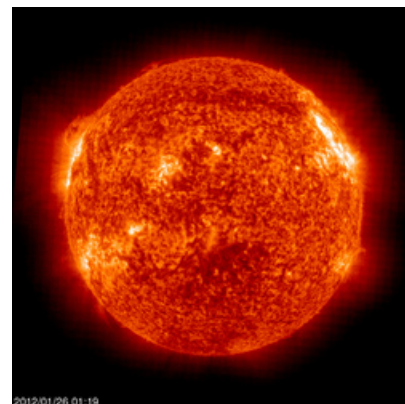
Dave Lawrence, KF6TWW, introduced his neighbor, Jake Chichilitti. Jake is a member of the Peninsula Channel Commanders; this is a model airplane club. Check out their website at: <http://www.flypcc.org/>. Jake has been building & flying model airplanes for the past 40 years. He brought in one of his many models. He also brought in two tapes for us to watch. The first tape was of him flying his plane; the second tape was model airplane crashes. Unfortunately the VCR was being temperamental and ate the tapes. A few other things that Jake mentioned during his talk were: A model airplane is not considered a model airplane if a live person can get in it, and then it is an ultra light. Can't fly a model airplane within two miles of an airport. It's a real kick to fly a plane off a lake; Jake goes to Lake Hennessey in Napa County. One thing he found out about flying off of water is you can't use wooden propellers. He uses carbon filled fiber propellers instead. The spray from the water will break the wood props. We are going to try to have another VCR at our pizza meeting so that we can watch the tapes.



**From the Coastside Communicator Archives  
Field Day 1989**



**SOLAR UPDATE**



**THE K7RA SOLAR UPDATE**

Solar Sage Tad Cook, K7RA, reports from Seattle, Washington: The weekly averages of daily sunspot numbers

## SOLAR UPDATE CONT.

and solar flux barely changed at all compared to the previous week. Average daily sunspot numbers went from 73.4 to 79.6, while average daily solar flux decreased from 110.6 to 109.7.

The weak peak of this solar cycle continues. We are moving toward fall, which is always seasonally better than summer for HF propagation. Let's hope for a rise in solar activity to complement the seasonal change.

The latest prediction from NOAA/USAF for the near term has solar flux at 105 on August 1-4, 110 on August 5-8, 105 on August 9-12, 100 on August 13, 105 on August 14-18, 100 on August 19-24, and 125 on August 25. Flux values will hit a minimum of around 100 on September 3-4, and rise to a peak of 135 on September 11-12.

Expected planetary A index is 5, 8 and 12 on August 1-3; 8 on August 4-5; 5 on August 6-8; 8 on August 9-10; 5 on August 11-20; 10, 15 and 10 on August 21-23; 5 on August 24-26; 10 on August 27, and 15 on August 28-31.

In Friday's bulletin we will take another look at our three month moving average of daily sunspot numbers, and a report of unexpected late night propagation on 17 meters.



## AMATEUR RADIO HISTORY

### *THE WAYBACK MACHINE*

BY BILL CONTINELLI - W2XOY

The early 1950's were not a time of peace and security in the United States. The Korean War was in full force, with the constant threat of Communist Chinese intervention. The Iron Curtain cut Eastern Europe off from the Free World. The Soviet Union developed their own atomic weapons. Communists, real and imagined, roamed the United States, with Senator Joseph McCarthy in hot pursuit. Writers, actors, and directors suffered under the Hollywood Blacklist. In other words, the "Fabulous Fifties" were still a couple of years away.

Amateurs were on the air, but many feared that the FCC would eventually suspend operations, as they had during WWII. Amazingly, despite what QST called a "national emergency", there was no Civil Defense program in place to utilize amateur radio operators in case of enemy attack or natural disasters. The previous Civil Defense program--the War Emergency Radio Service--W.E.R.S. for short--had been out of service since 1945. Even in its heyday, W.E.R.S. had many shortcomings. It wasn't established until June 1942--7 months after the war started. It was limited to the 2 1/2 & 1 1/4 meter amateur bands, with no HF frequencies. Finally, W.E.R.S. operations, other than on the air drills, were limited to actual enemy activity. There was no provision for W.E.R.S. to be used during natural disasters.

The ARRL, FCC, and Civil Defense leaders learned from the mistakes of W.E.R.S., and were determined to have a viable radio Civil Defense program in place before it was needed. Thus, on December 19, 1951, at the same time that CONELRAD was announced, the FCC released the proposed regulations for RACES--The Radio Amateur Civil Emergency Service. On August 15, 1952, the final RACES regulations were put into effect. Amateur Radio operators now

had a Civil Defense program in place that would utilize their communications skills.

Before a RACES unit could be authorized, there were some requirements that had to be met. First, the local government needed a Civil Defense organization and a Communications Plan. The local Plan had to be approved at the State Civil Defense level. Next was the appointment of the RACES Radio Officer. The Radio Officer, or R.O. for short, had to hold a Conditional, General, Advanced, or Extra Class amateur license, or a first or second class commercial radiotelegraph or radiotelephone license. The potential Radio Officer submitted FCC Form 482 to receive certification--provided, of course, that they passed the loyalty investigation. Note that the Radio Officer did not need to be an amateur. The FCC and Civil Defense experts determined that about 25,000 amateurs might be available for RACES authorization. However, in a full scale national emergency, up to 200,000 radio operators would be needed. Thus, provisions were incorporated for qualified commercial licensees to become part of the RACES program.

After the Communications Plan was approved and the Radio Officer was certified, station authorizations could be issued. Amateurs submitted FCC Form 481 to have their station license made valid for RACES operation. Novices and Technicians were not eligible for RACES authorizations. The FCC and the ARRL emphasized that membership in RACES was NOT an invitation to continue casual amateur radio activity in a war. RACES was strictly dedicated to public service, under the direction and control of the local C.D. unit.

The frequencies initially allocated to RACES were:

1800-2000 kc (subject to LORAN restrictions)  
 3500-3510 kc  
 3990-4000 kc  
 28.55-28.75 mc  
 29.45-29.65 mc  
 50.35-50.75 mc  
 53.35-53.75 mc  
 145.17-145.71 mc  
 146.79-147.33 mc  
 220-225 mc

In addition, 1750-1800 kc (which was outside of our 160 meter band) was allowed under Disaster Communications Service.

Note that the initial frequencies did not include the 40, 20 and 15 meter bands. The 15 meter band was not yet available to amateurs when RACES was first proposed. Later, 40, 20 and 15 were added, and the 75 meter phone segment was expanded.

Reaction to the RACES frequencies was mixed. Some were upset that they were insufficient, and were not exclusive to RACES. Others thought of it as a diabolical plot on the part of government agencies and commercial interests to grab parts of the amateur bands for non amateur use by non amateur personnel.

RACES was never used during an enemy attack. Over the years, however, it proved its value in countless natural disasters. Frequencies were expanded, and Novices and Technicians were brought into the fold. One interesting fact about RACES--it was designed to be a TEMPORARY service. The initial regulations indicated that it would be discontinued after the termination of the national

WAYBACK MACHINE CONT.

emergency. CONELRAD has been gone for 37 years, and the "Fallout Shelter" signs are rusting away on the walls of abandoned buildings. Why does RACES--a temporary service--still live? The answer is found in every natural disaster that hits the U.S.--every tornado, hurricane, flood, earthquake, blizzard and fire. Every time dedicated amateurs, working with their local C.D. Officials, provide effective emergency communications, they keep a "temporary" service alive.

In our next installment we will explore "Long Delayed Echoes". Is there a natural explanation? Or, were they truly something "out of this world"?

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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: Hammarlund Super Pro*



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 webpage for details)  
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: Sat. Sept. 28<sup>th</sup>, 2013  
Where: 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	Aug 10 <sup>th</sup>	Sunnyvale, CA	10:30	AM
Sat	Aug 17 <sup>th</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 9 <sup>th</sup>	2013 Agenda Planning, LM Fire Station
Feb 13 <sup>th</sup>	2013 Agenda Finalizing, LM Fire Station
Mar 13 <sup>th</sup>	Pizza Meeting: Linda Mar Round Table Pizza
Apr 10 <sup>th</sup>	Meeting Night , LM Fire Station
April 18 <sup>th</sup>	Silver Dragon CERT Exercise, Daly City
May 8 <sup>th</sup>	New Ham Night , LM Fire Station
Jun 12 <sup>th</sup>	Field Day Planning Mtg, LM Fire Station
Jun 22-23	CARC Field Day, Sweeney Ridge
Jul 10 <sup>th</sup>	Field Day Wrap-Up Mtg, LM Fire Station
Aug 14 <sup>th</sup>	Back to School Night, LM Fire Station
Sept 11 <sup>th</sup>	Meeting Night , LM Fire Station
Sept 28-29	Pacific Coast Fog Fest, Pacifica
Oct 9 <sup>th</sup>	2014 Officer Nominations, LM Fire Station
Nov 9	Election Dinner, Nick's Restaurant - Rockaway
Dec 11 <sup>th</sup>	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 Coastsides Amateur Radio Club (CARC) is affiliated with ARRL, and meets the second Wednesday of each month at 19:00 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 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

CLUB OFFICERS				
Office	Name	Call	Phone	E-Mail Address
President	David Rinck	K6DMR	(650) 359-8997	k6dmr@arrl.net
V. President	Ralph Bailey	K6DLZ	(650) 341-6236	kc6dlz@aol.com
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**MEETING  
NOTICE:**

**AUGUST 14<sup>TH</sup>, 2013  
LINDA MAR FIRE STATION  
PACIFICA, CA  
7:00 PM**

**BACK TO SCHOOL  
NIGHT  
W/ PROFESSOR ROY BRIXEN**

## COASTSIDE COMMUNICATOR

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

TO:

