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# THE COASTSIDE COMMUNICATOR

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VOL. 44, No. 3

MARCH 2012

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WWW.COASTSIDEARC.ORG

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## PRESIDENT'S COLUMN

Welcome to March! In addition to the normal nets on the WA6TOW repeater there will be a San Mateo County CERT Exercise, Silver Dragon, that will be held on March 15<sup>th</sup>.

This drill is a simulation of a biological attack with the various CERT groups simulating the distribution of antibiotics to various neighborhoods around the county. Since it is just a simulation, the CERT groups will really be distributing pamphlets to those neighborhoods. These pamphlets usually have information on various safety issues (fire prevention, how to build emergency kits ... etc).

If you have some time between 8:00AM and 1:00PM on the 15<sup>th</sup> you may want to monitor the repeater and listen to the net.

Please remember that the March meeting is the yearly pizza meeting. It will be held at the Round Table Pizza Restaurant in the Linda Mar Shopping Center in Pacifica. If you have trouble finding it, give a call on the repeater and someone will help talk you in.

I look forward to seeing you there. The meeting starts at 7:30PM but you may want to get there a bit early to order some food so we can start the meeting right at 7:30.

73... Casey-N6TZE

## FEBRUARY MINUTES

The February 8, 2012 meeting was called to order at 7:35 p.m. by our club president Casey Villyard-N6TZE at the Linda Mar Fire Station in Pacifica. Self-introduction by the members and guests followed.

No corrections in the minutes were noted. It was moved by Frank Erbacher-N6FG to approve the minutes as published in the *Coastside Communicator* and seconded by Bill Lillie-N6BCT. The motion was passed unanimously by the membership present.

### *TREASURER'S REPORT*

Frank Erbacher-N6FG read the report of the club's financials: \$960 in the General Fund; \$5,106 in the Repeater Fund; \$717 in the Digipeater Fund, and \$6,040 in the EOC/Field Day Fund. These individual fund totals add up to a club total of \$12,823.

Frank-N6FG reported that he paid himself \$96 for the annual postal box cost, \$38 for printing and mailing costs and withdrew \$250 to go to cash for paying bills.

MEMBERSHIP

Frank-N6FG reported that club membership shrank from 97 members as of 12-31-11 to a total of 54 who have paid dues for 2012 thus far.

### COMMUNICATIONS

None reported.

### *COMMITTEE REPORTS*

#### REPEATER

Operational. Dave Rinck-K6DMR, as committee chair, reported that the committee is looking for documentation on the repeater system and is reviewing the documentation it has in hand. It is also evaluating the condition of the equipment and is taking inventory of spare operational equipment, as well as the tools needed for servicing the equipment. The committee is about half way through its equipment inventory process. Frank-N6FG stated that he may have some of the repeater documentation in a box at his home and agreed to look for it and provide what he has to Dave-K6DMR.

#### AUTOPATCH

Operational. This is available for use by all CARC members. Anyone needing information about how to use this phone patch can email Frank-N6FG.

#### DIGIPEATER

Operational

#### APRS

Operational. Casey-N6TZE reported that we still need to replace the stolen coax.

#### EMERGENCY SERVICES

Casey-N6TZE reported that the next Silver Dragon Exercise will be held on Thursday, March 15, from 8:00 a.m. to 1 p.m.

#### FIELD DAY

Bill Lillie-N6BCT stated that he was interested in using a computer program for CW to copy, send and log and is interested in information on what programs are going to be used for Field Day so that he can get information on the interface to the radios and find a way to merge what he is using. Casey-N6TZE suggested that Bill contact Scott Mercer-KI6SEJ and Joe Pistrutto-N3CKF, who connect up for Field Day with Ham Radio Deluxe which has the ability to send and receive CW, as well as PSK 31.

**FOG FEST**

Frank-N6FG stated he has not yet received the request that CARC assist in this event this year, but that he expects the request will be made.

**NEWSLETTER**

Published

**WEBSITE**

Casey-N6TZE reported that Dorene Bevington-KE6AGG is stepping down as web master for the CARC website. It was moved by Frank-N6FG, seconded by Roy Brixen-KE6MNJ, and unanimously approved that flowers (potted orchid) be sent to Dorene on behalf of CARC as a thank you for her 8 years of service as web master for the CARC website. Frank-N6FG volunteered to personally deliver the orchid. It was further moved by Roy Brixen-KE6MNJ and seconded by Ross Burton-W1RAB that a certificate of appreciation for her service as web master be prepared and presented to Dorene on behalf of CARC. Dave-K6DMR volunteered to make the certificate. Both motions were passed unanimously.

Casey-N6TZE also reported that Scott Mercer-KI6SEJ has agreed to set up a new website for CARC.

**BYLAWS**

Due to meeting time constraints, there was no report made.

**COMMUNICATIONS**

Mary Ellen-AJ6J as chair of the Communications Committee reported that the committee had met three times via Skype since the last club meeting.

She stated that Dave Rinck-K6DMR has already incorporated the Committee's recommended changes into the CARC handout for use at ham crams. The description of the WA6TOW repeater area of service was changed to include the whole Bay Area, rather than solely Pacifica, and repeater service was expanded to include the opportunity for 24/7 rag chew, rather than solely providing for emergency services. The updated handout is now ready for use.

Mary Ellen-AJ6J reported that the second item the Communications Committee has begun work on is the CARC website. With Dorene-KE6AGG's withdrawal as web master, Scott Mercer has agreed to develop the new site with parameters provided to him from the Communications Committee through Casey-N6TZE. Among the new parameters will be use of an user-friendly software that will allow for direct editing and updating by the club officers, the web master, and *Coastside Communicator* editor.

Mary Ellen-AJ6J reported that the third item the committee worked on consisted of preparing and sending out a survey to the members, and then compiling the response information received back as to what our club members would like to see in the way of demonstrations and presentations during meetings and what social and/or outside activities they were interested in for this year. She said that 97 survey forms were sent out, and that while only 16 responses were received back, there were lots of good ideas and suggestions contained in those responses.

**OLD BUSINESS**

Frank-N6FG reported that the date of November 3, 2012 has been reserved at Nick's for the November election meeting. It was decided to add this item to the March meeting agenda for discussion as to whether to hold the election dinner meeting at Nick's or consider other restaurants.

**NEW BUSINESS**

All members present were given a two-page summary of information taken from the responsive surveys suggesting demos and presentations for meetings, as well as outside social and field trip ideas. Casey-N6TZE asked Dave-K6DMR to include the survey results in the newsletter. Casey then polled those present as on interest in the various suggestions made, and as to whether anyone present would volunteer to do the demo and/or presentation.

Because there was strong interest in impromptu-type antennas, Roy Brixen-KE6MNJ volunteered to set up an inexpensive J-pole type 2m antenna and/or show how to modify an HT antenna to create a 19" tiger tail hanging off the BNC or SMA connector to turn it into a dipole antenna, increasing signal strength and directional power. Roy further volunteered to conduct an AV test with the use of an RF voltmeter with the receiving antenna showing the difference in power produced by the modification. Roy indicated this could be done on Back-To-School Night in August or could be done in three different presentations at three different meetings, whatever is preferred. Those present indicated enthusiasm for Roy's proposed demo or demos.

There was also strong interest for 5-to-10 minute member self-introductions, sharing background, interests, etc., not necessarily related to ham radio, perhaps one member at each meeting. Mary Ellen-AJ6J volunteered to do the first brief, self-introduction at the April meeting.

There was interest in learning more about contesting, but no one present at the meeting committed to giving a presentation or arranging for a guest speaker.

Roger Quayle-NZ6RQ volunteered to do a mobile wireless presentation at a future meeting.

Strong interest was also shown for a demo of Ross Burton-W1RAB's remote setup. Ross is looking into what the internet connection possibilities are at the fire station.

Casey-N6TZE volunteered to do an autopatch demo and, together with Ross-W1RAB, a packet demo. Dave Lawrence-KF6TWW offered his projector for use during demos.

Mary Ellen-AJ6J volunteered to do a Skype demo, if wi-fi connection is available at the fire station, as well as a presentation on the W5YI and ARRL VE certification processes.

Since there was interest in an APRS demo, Casey-N6TZE suggested that Joe-N3CKF would be the best person to ask to do this.

Frank-N6FG offered to check into the possibility of a presentation on KV6KV's home brew transceiver.

Many members present liked the suggestion that club members set up an on-going method for providing assistance to other club members needing help on their projects. Roy Brixen-KE6MNJ suggested that perhaps a strike team of 6 members could be set up, including a listing of skills, equipment, etc. that they are willing to provide. It was further

NEW BUSINESS CONT.

suggested that a method be set up, such as the newsletter or weekly net, for members to make their needs known. Due to the lateness of the evening, as well as the fact that this was the first introduction of this concept to the members, it was suggested that this item be discussed further at a future meeting.

On outside activities, Dave Lawrence-KF6TWW moved that the March meeting be held at the Pacifica Round Table Pizza. Roy-KE6MNJ seconded the motion. The motion was passed. Dave-KF6TWW volunteered to secure the room. The meeting will commence at the usual 7:30 p.m. time.

There was interest shown in having a transmitter hunt, a trip to the repeater site on Montara Mountain, a field trip to the Stanford Radio Telescope and to the Pillar Point Air Force Listening Station. As of yet, no one has volunteered to make them happen. Only two members present indicated an interest in an indoor skydiving field trip.

It was decided to further discuss, schedule and calendar the demos, presentations and outside activities for 2012 at the March club meeting.

**MOTION TO ADJOURN**

Dave Lawrence-KF6TWW moved to adjourn at 9:12 p.m. The motion was seconded by Ralph-K6DLZ and unanimously passed by the members present.

**PRESENT AT THE MEETING**

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

Officers: Casey Villyard-N6TZE, President; Ralph Bailey-K6DLZ, Vice-president; Mary Ellen Scherer-AJ6J, Secretary; Frank Erbacher-N6FG, Treasurer

Members: Jane Bailey-KF6PGF, Gary Barnes-KI6HIG, Roy Brixen-KE6MNJ, Ross Burton-W1RAB, Dave Lawrence-KF6TWW, Bill Lillie-N6BCT, David Ricardo-KE6WJX, David Rinck-K6DMR, George Salet-KJ6TSX, Audrey Villyard-WA2KPS.

Visitors: Cheryl Crofts-KJ6RNX, Roger Quayle-NZ6RQ, Arnott Smith-KF2TM

Reported by Mary Ellen Scherer-AJ6J, Secretary



NEWS

**DORENE BEVINGTON-KE6AGG AWARDED CERTIFICATE OF APPRECIATION**

Dorene Bevington-KE6AGG was awarded a "Certificate of Appreciation" for her 11 years as our club's Webmistress by Treasurer Frank Erbacher-N6FG along with an orchid plant. Thanks Dorene!



Frank-N6FG and Dorene-KE6AGG

**KB6NAN, DIANNA R. KILLEEN-SILENT KEY (SK)**

Dianna was a former CARC member (last in 2005). She was a very active member after she was first licensed in 1986. I remember her great smile and spirit that she shared with all at our meetings. She and her husband John-KD6KGE, lived in Pescadero, and they offered their home for a number of CARC BBQ picnics at that wonderful hilltop overlooking the valleys and ocean.

She was first a Novice Code licensee and proud of passing that Code test. Her goals were to work DXCC and WAS SSB on 40, 20, 17, 15, 12, 10, 6, and to contact all 488 USA Grids. She never owned an amplifier for any band. She just used her radios and skill, taking advantage of her antennas (TH7 at 60 feet, a 40m wire from tower to trees and a A3WS at 66 feet) and that wonderful QTH. She was a QSL manager also. I am sure that she made many friends along this path as she did in the CARC. Check out QRZ for her impressive totals, many in the 200's and 300's! GOOD JOB Dianna! Final 88's de Frank N6FG



## RESULTS OF COMMUNICATIONS COMMITTEE SURVEY

Final results by a show of hands at the February meeting

### Suggested Demos and Presentations at Meetings

#### ANTENNAS

- Build an inverted V or other antenna for competition in temporary setting such as a field day exercise or temporary camp site, etc.
- Presentation on specs and uses of Buddipole, along with demo setting it up for different purposes.
- Demo for quick antenna setup for 2m to assist in emergency operations.

#### MEMBER SHARING OF HOBBIES, INTERESTS, ETC.

- 20 mins of any member topic related in any way to ham radio at each meeting.
- Any hobbies that persons might have and can discuss and present at a meeting in 30 minutes.
- Members' sharing of individual background and interest.
- Special trips and experiences.
- Photography

#### CONTESTING

- Discuss and present how to participate in the ARRL competitions.
- Doug Grant, K1DG, [DougK1DG@gmail.com](mailto:DougK1DG@gmail.com) does a good talk on contesting and related topics – he has been very active in the World Radio Team Contest [http://en.wikipedia.org/wiki/World\\_Radiosport\\_Team\\_Championship](http://en.wikipedia.org/wiki/World_Radiosport_Team_Championship) He periodically comes out to CA – usually about the time of the Visalia Ham Radio event.

#### OTHER

- Emcomm
- Skype demo
- Autopatch demo
- Packet demo and instructions for setup with home computer.
- Echolink (including how to reconfigure router and/or firewall to allow data into UDP ports 5198 and 5199)
- APRS demo
- IRLP demo
- D-Star
- Alternate power (especially solar)
- Demo of products that can be used by average hams with average equipment.
- Presentation of VE certification (different requirements for obtaining W5YI and ARRL VE certification).
- Demonstration of apps for ham crams (for iPad, iTouch)
- Ross's remote setup.
- Remote ops.
- KV6KV's Home Brew Transceiver.

- Guest speaker, ARRL Santa Clara Valley Section Manager Phil Steffora, K6TT (and/or Bayside EC if there is one)
- Senior ham assistance: club activity, how about doing a 2-weekend senior ham assistance day. What we would do is find the older hams in the Club that could get their radio equipment and antenna working better with some assistance from hams in the Club. We would divide the event into two Saturday morning visits from a team of Club hams. The first weekend visit would be diagnosis; antenna analyzer, electrical inspection, radio diagnosis and parts list. The second weekend would be install and fix; antenna de-gunking, rotator fixing, connector repair and tree trimming. Both activities carefully structured for the complete safety of the volunteers and the ham. Split the senior ham assistance weekends across a CARC club meeting so that calls for donations of radio parts like connectors or lengths of guy wire can be brought to the Club meeting and used soon after.

### Suggested Social and/or Outside Field Trip Activities

- Indoor skydiving (through iFly in Union City) (with group of 12, cost would be about \$45 each for two flights each person. With only 5 participants, cost would be closer to \$50 per person for two flights.)  
<https://secure.iflysfbay.com/Itemlist.aspx/groups>
- Dec. Potluck
- Nov. Dinner Election Meeting
- Pizza get-together
- Turkey roast
- Picnic
- Transmitter Hunt
- Trip to the repeater site on Montara Mountain
- Field Trip to the Stanford Radio Telescope
- Field trip to the Pillar Point Air Force Listening Station.



**ARRL UPDATE**

**ARRL PUBLISHES NEW GUIDELINES FOR 60 METERS**

Thanks to the FCC's Report and Order issued November 18, 2011, radio amateurs will enjoy a number of new privileges on the 60 meter band, beginning at midnight (EST) March 5. These new privileges include a boost in effective radiated power from 50 to 100 W, as well as the ability to use CW and certain digital modes.



Late last year, the ARRL HF Band Planning Committee surveyed 60 meter operators to gather opinions about how to best use the new privileges. On the subject of creating a specific band plan, the survey results

indicated little consensus beyond the fact that 5403.5 kHz should retain its status as a de facto "DX channel." On the other hand, survey respondents made a number of suggestions for general operating practices.

Based on the survey results and subsequent research, the committee declined to propose a specific band plan for 60 meters at this time. Instead, the committee created a "Recommended Practices" document. The 60 meter pages on the ARRL website have been updated to reflect the changes brought about by the Report and Order.

The April issue of QST will also include an article by ARRL Regulatory Information Manager Dan Henderson, N1ND, offering a detailed discussion of the new 60 meter privileges and recommended operating practices.

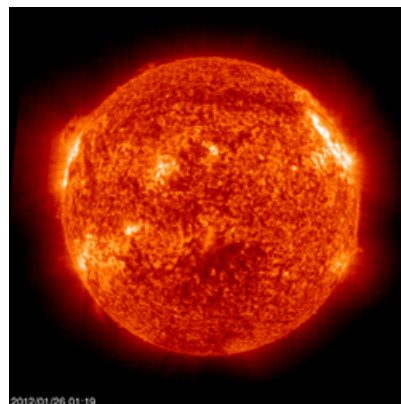
**W1AW VIDEO TOUR AVAILABLE ON ARRL WEBSITE**

In case you missed the live web tour of W1AW, the Hiram Percy Maxim Station at ARRL Headquarters, you can now watch the 18 minute video on the ARRL website. On February 12, W1AW Station Manager Joe Carcia, NJ1Q, led Emmy Award-winning meteorologist Geoff Fox, K1GF, on a tour of the famed station. Al Petrunti, KA1TCH, of the New Day Group followed Carcia as he led Fox and viewers through the station, recording it for viewers to watch.

"We wanted viewers of this live Internet tour to feel as if they are actually at W1AW," Carcia explained. "If you came to W1AW in person, you would see the same things that we showed on the virtual tour: The three operating stations, the transmitter racks that we use to send out our bulletins and use for the code practice transmission, the control console and 'Old Betsy,' Hiram Percy Maxim's personal spark gap transmitter." <http://www.arrl.org/w1aw>



**SOLAR UPDATE**



**THE K7RA SOLAR UPDATE**

Tad "Behind the clouds the Sun is shining" Cook, K7RA, reports: We don't know if this is a significant trend, but solar activity has really leveled off recently. Not everyone is unhappy about this: During the recent long minimum, 160 and 80 meter operators were very excited about conditions, and that enthusiasm seems to have increased of late. The average indicators this week were almost exactly the same as last. The average daily sunspot number rose from 55.6 to 55.7, while the average daily solar flux declined 2.6 points to 105. In an unusual coincidence, the average planetary A index and mid-latitude numbers were the same this week as last, 8 and 6.7. The latest prediction shows solar flux at 105 on February 23-24, 100 on February 25, 95 on February 26-29, 100 on March 1-4, 105 on March 5-11, 110 on March 12-13, and rising to 115 on March 14-19. The prediction also sees planetary A index at 8 on February 23, 5 on February 24-28, 7 on February 29, 5 on March 1, 8 on March 2-3, and 5 on March 4-6. Look for more information on the ARRL website on Friday, March 2. For more information concerning radio propagation, visit the ARRL Technical Information Service Propagation page. This week's "Tad Cookism" is brought to you by Disney's Cars.



**NAME THAT RIG!**



*Each month I'll try to post a different radio for you to name. Best of Luck! Winners get "Bragging Rights" February's rig: Swan 600*

## CARC PUZZLER

### TEST YOUR KNOWLEDGE

- 1) Which is most likely to have a "bat handle"?
  - a. soldering iron
  - b. rack-mount enclosure
  - c. toggle switch
  - d. torque wrench
- 2) What type of holes does a nibbling tool cut?
  - a. circles
  - b. squares
  - c. rectangles
  - d. irregular
- 3) What is the name for the solder composition with the lowest melting point?
  - a. Acid core
  - b. Eutectic
  - c. RoHS
  - d. Silver-bearing
- 4) A bipolar switching transistor's fully-saturated collector-to-emitter voltage is \_\_\_\_\_.
  - a. 0.3 V or less
  - b. 0 V
  - c. 0.7 V
  - d. 5 V, +/- 10 percent
- 5) An op-amp's ability to change output voltage rapidly is called \_\_\_\_\_.
  - a. beta
  - b. CMRR
  - c. slew rate
  - d. open-loop gain
- 6) What component is used to keep plate voltage out of an amplifier's output matching circuit?
  - a. Plate Choke
  - b. Neutralizing Capacitor
  - c. Bleeder Resistor
  - d. Blocking Capacitor
- 7) Winding parallel wires on a ferrite core is called ?.
  - a. bifilar
  - b. trifilar
  - c. twisted-pair
  - d. scramble-wound

**Bonus:** An "orange drop" would be what type of component?

**Extra Bonus:** What is the air-speed velocity of an unladen swallow?

#### Extra-Extra Bonus

You have only an 8-liter jug and a 3-liter jug. Both containers are unmarked. You need exactly 4 liters of water.

How can you get it, if a water faucet is handy?

Answers in next month's newsletter.....



## 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 Lunch at Harry's Hofbrau** - 3<sup>rd</sup> Wednesday of every month, 1909 El Camino Real in 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: Sun. April. 15<sup>th</sup>, 2012  
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. April 21<sup>st</sup>, 2012  
Where: Mission College  
3000 Mission College Boulevard  
Santa Clara, CA 95054  
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: (preferred): [mojoteri@attbi.com](mailto:mojoteri@attbi.com)  
Phone: (408) 507-4698 (Morris Jones, AD6ZH)  
Web Page: <http://pdarrl.org/vec/vecscv/index.html>

#### Sunnyvale VEC Exam Sessions

Fee: \$15 Cash  
Walk-ins only, No pre-registration  
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	Mar 10 <sup>th</sup>	Sunnyvale, CA	10:30	AM
Sat	Mar 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 11 <sup>th</sup>	2011 Agenda Planning, LM Fire Station
Feb 8 <sup>th</sup>	2011 Agenda Finalizing, LM Fire Station
Mar 14 <sup>th</sup>	Pizza Night, LM Round Table Pizza, Pacifica
Apr 11 <sup>th</sup>	LM Fire Station, Pacifica
May 14 <sup>th</sup>	LM Fire Station, Pacifica
Jun 13 <sup>th</sup>	Field Day Planning Mtg, LM Fire Station
Jun 23-24	CARC Field Day, Sweeney Ridge
Jul 11 <sup>th</sup>	Field Day Wrap-Up Mtg, LM Fire Station
Aug 8 <sup>th</sup>	Back to School Night, LM Fire Station
Sep 12 <sup>th</sup>	LM Fire Station, Pacifica
Sep 22-23	Pacific Coast Fog Fest, Pacifica
Oct 10 <sup>th</sup>	2011 Officer Nominations, LM Fire Station
Nov 3 <sup>rd</sup>	*Election Dinner, Nick's Restaurant - Pacifica
Dec 12 <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 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.

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

*53 Years*



*of Service*

*43 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 NoCal. Net

### Sunday

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



**MEETING  
NOTICE:**

**MARCH 14<sup>TH</sup> 2012  
LINDA MAR ROUND TABLE PIZZA  
PACIFICA, CA**

**ANNUAL PIZZA MEETING  
7:30 PM**

CLUB OFFICERS				
Office	Name	Call	Phone	E-Mail Address
President	Casey Villyard	N6TZE	(650) 355-0488	n6tze@arrl.net
V. President	Ralph Bailey	K6DLZ	(650) 341-6236	kc6dlz@aol.com
Secretary	Mary Ellen Scherer	AJ6J	(415) 239-4513	aj6j@arrl.net
Treasurer	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
CLUB STAFF				
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