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# THE COASTSIDE COMMUNICATOR

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VOL. 42, No. 2

FEBRUARY 2010

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WWW.COASTSIDEARC.ORG

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## PRESIDENT'S COLUMN

We had a good turn out at the planning meeting last month with some good suggestions to help fill out the event calendar. They are listed elsewhere in the newsletter so I will not list them here.

We will be formalizing the calendar at the February meeting, so if you have any additional ideas, please bring them to the meeting (or email them to me if you cannot attend [n6tze@arrl.net](mailto:n6tze@arrl.net)).

In the presidents column this month I would like to talk about a suggestion that came up during our dinner meeting in December.

Several members were talking about allowing general members the opportunity to run the weekly, Wednesday night, net (without having to run for office). The thought was to allow club members a chance to get experience running a net in a non-emergency setting. To me, this sounded like a reasonable idea.

As president of the club it is my responsibility to run the net or, if unavailable, make sure that someone else is available to run it. This responsibility would continue unchanged but if someone has an interest in being acting net control for one of the Wednesday night nets it could be accommodated.

In our February meeting I plan to raise this as a topic of discussion. If there is interest in this I will organize and publish a net schedule for those who want to try their hand at running the net.

Of course if there is no interest, or strong disapproval, we will continue as before.

I am looking forward to seeing you all at the club meeting.

....73 Casey-N6TZE

## JANUARY MINUTES

The January 2009 meeting was called to order at 7:30 p.m. by club president Casey Villyard-N6TZE in the basement of the Linda Mar fire station in Pacifica. Self-introduction by the members and guests followed.

The minutes from the December meeting were read and amended. The amended minutes were approved by voice vote on a motion by Frank Erbacher-N6FG and second by Bob Barbitta-W6LOG.

## TREASURER'S REPORT

Frank Erbacher-N6FG provided the following report of the club's financials: \$786.50 in the general fund; \$3510.97 in the repeater fund; \$407.91 in the digipeater fund, and \$4339.61 in the EOC fund. These individual fund totals add up to a club total of \$9044.99.

A bill for the club post office box of \$92.00 is due. A motion to pay the bill was made by David Rinck-K6DMR and was seconded by Dave-KF6TWW. The motion was approved, and then amended to pay the yearly bill, without the need for a vote, immediately upon receipt of the bill.

## COMMUNICATIONS

Newsletters were received from the Santa Cruz Amateur Radio Club ("Short Skip"), the Golden Empire Amateur Radio Society/W6RHC ("The Radiator"), SFARC, December and January ("Nuts and Volts"), SCCARA December and January ("SCCARA-GRAM"). The USB bank account statements were also received.

## MEMBERSHIP

Total club membership stands at 33 with 32 licensed members, 32 of whom are ARRL members.

## COMMITTEE REPORTS

### REPEATER

Operational

### AUTOPATCH

Operational

### DIGIPEATER

Operational

### EMERGENCY SERVICES

Frank Erbacher indicated that the radios in the EOC have not been checked out for several months and that the status of the grid maps needs to be checked on.

### FIELD DAY

No update provided.

### NEWSLETTER

No update provided.

### WEBSITE

Up and running.

**OLD BUSINESS**

1. The secretary brought up the fact that the CARC web site is out of date and needs some work. Our first impression could be our web site, so we need to stay on top of it.
2. The EOC radios and grid maps have yet to be checked.

**NEW BUSINESS**

1. It was brought to our attention that Mr. Ed Gentry's, service would be held on Sat the 16<sup>th</sup>, at 901 Madison in Redwood City. Mr. Ed-KG6KKP was every well known in the bay area and will be sorely missed.
2. It was brought to our attention that "Amateur Radio Technology Day" is on the 30<sup>th</sup> of this month, rain or shine, at the Stanford Linear Accelerator Center (SLAC). For more information see the FARS web site.  
<http://www.fars.k6ya.org/amtechday/> Help /volunteers are always needed. See Bob Barbitta-W6LOG or inquire on 145.23, with a PL 100 Hz. It is a great place to meet, learn, and hangout.

3. Planning the club's agenda for the year was opened up to the floor. FOG FEST on September 26 & 27th of course.

4. Other suggestion were:

- A trip to visit "Beal Air Base" to see PAVE PAWS system. Kristen A McIntyre-K6WX recently gave a report at a PAARA meeting on her visit and found it every interesting.
- Frank proposed we tour The "Hornet Carrier" in Alameda including the radio room.
- Roy-KE6MNJ proposed "Back to School Night" for our August meeting.
- "Pizza Night" was made into a motion by Dave-KF6TWW and second by Gary-KI6HIG. The proposed date is March 10<sup>th</sup>.
- Frank-N6FG stated that we didn't have a picnic last year, so it was proposed with a T-Hunt of course.
- Roger-WA6AFT proposed we visit the Coast Guard's Bay Control Center on Yerba Buena Island.
- Dave-KF6TWW proposed we have a flea market.
- Frank-N6FG proposed a tour of the Bay Bridge.
- Bob-W6LOG proposed we have a speaker on D-Star since the on we had last year couldn't make it.

The business meeting was adjourned at 8 p.m. on a motion by Frank-N6FG and a second by Bob Barbitta-W6LOG.

**PRESENT AT THE MEETING**

The following guests of the club were present: Arnott Smith-KF2TM and Tom Bonomo-K6AD

Members present included: Roger G. Spindler-WA6AFT, Gary Barnes-KI6HIG, Roy Brixen-KE6MNJ, David Rinck-K6DMR, George Fenisey-N6GYR, Tom Mullarkey-AA6TM, George Tucker-W6HAF, Justin Zacharnou-KI6USU, Joshua Villyard-N6TZF, Casey Villyard-N6TZE, Robert Barbitta-W6LOG, George H. Horbal-KG6VSH, Frank Erbacher-N6FG, Dave Lawrence- KF6TWW, Ralph Bailey-KD6LZ, Jane Bailey-KF6PGF

Reported by George Fenisey-N6GYR Secretary

**NEWS**

Our new CARC President for 2010, Casey-N6TZE

**N6IMS AND KC6HJI GET MARRIED**

Club members Bill and Tammy Dunbar were married on December 5<sup>th</sup>, 2009. Congratulations and best wishes to the happy couple from the CARC. Their wedding cake (shown here) says it all.



*KG6HJI & N6IMS  
Tammy & Bill Dunbar*

Wedding cake - December 5, 2009



**ARRL UPDATE****HAITIAN AGENCY ANNOUNCES CONTACT INFORMATION FOR AMATEURS GOING TO HAITI TO PROVIDE DISASTER RELIEF**

The offices of CONATEL -- Haiti's national telecommunications regulator -- were destroyed in the January 12<sup>th</sup> earthquake that devastated the island nation. This office, like the FCC in the US, administers the Amateur Radio Service in Haiti. Hams interested in traveling to Haiti to help provide communications support have been at a loss as to whom to contact. CONATEL has set up temporary offices in a Port-au-Prince suburb and has indicated that those volunteers who wish to operate in Haiti to assist with disaster relief need to contact the agency to get formal reciprocal operating clearance.

**ARRL SENDS HAM AID EQUIPMENT TO HAITI**

While the communications infrastructure in earthquake-ravaged Haiti is being rebuilt, there is need for Amateur Radio communications. To assist in this effort, the ARRL's Ham Aid program is providing equipment for local amateurs to use. On Friday, January 22, the League sent a programmed Yaesu VHF repeater with a microphone, as well as ICOM handheld transceivers, Yaesu mobile 2 meter rigs with power supplies and Kenwood mobile 2 meter rigs. Comet antennas, Larsen mobile antennas with magnet mounts, coax and batteries were also included in the package. Most items were donated by their manufacturers; the repeater and power supplies were purchased by the ARRL several years ago using post-Hurricane Katrina grant funds.

On January 25, Doug Lapin, K1OY, the Dominican Republic's Ambassador Accredited to the Secretary of State of Foreign Relations, stopped by ARRL Headquarters on his way back home. When he left, he carried with him 10 Kenwood handheld receivers, courtesy of the League's Ham Aid program. "We're making progress," Lapin told the ARRL on January 27. "The [Ham Aid package you sent] is stuck in customs. I'm working on getting it out. Members of the Radio Club Dominicano were much appreciative of the radios I brought and found it funny that my hand-carried radios arrived before the package. If we get it out, we will go back to Haiti tomorrow with the equipment."

**FCC NOTICE OF PROPOSED RULE MAKING TO REVISE AND CLARIFY VANITY CALL SIGN RULES OPEN FOR COMMENTS**

Late last year, the FCC issued a Notice of Proposed Rule Making (NPRM) -- WT Docket 09-209 -- seeking to amend the Commission's Amateur Radio Service rules to clarify certain rules and codify existing procedures governing the vanity call sign system, as well as revise certain rules applicable to club stations. Interested parties may make comments on the NPRM in the following ways: via the Federal eRulemaking Portal or via the FCC's Web site. Comments must be submitted by March 26, 2010; reply comments are due no later than April 12, 2010.

**DOMINICAN HAMS ATTEMPT TO INSTALL REPEATERS IN HAITI**

Members of the Radio Club Dominicano (RCD) -- the Dominican Republic's IARU Member-Society -- and Union Dominicana de Radio Aficionados (UDRA) arrived in Haiti late last week to install an emergency radio communications station and a mobile station. Shortly after they arrived, the hams returned to the Dominican Republic for safety reasons.

"Within a few hours though, reports via the RCD Facebook page reported that the HI8RCD team of eight amateurs was back in the [Dominican Republic] border town of Jimani," said IARU Region 1 Emergency Communications Coordinator Greg Mossop, G0DUB. "Their convoy, which included other non related Dominicans, was assaulted. The radio amateurs are uninjured, but they decided to leave the capital for safety [reasons] and return to the border unescorted. They report the situation as 'extremely unsafe.'"

The team was able to install two VHF repeaters: one in the Dominican Republic border town of Jumaní and another Port-au-Prince. Mossop said that these repeaters have been used by the Red Cross and Civil Defense since, until quite recently, there has been no other way to communicate. The station at the embassy in Haiti could not be activated.

"The HI8RCD team of amateurs is still in Jumaní, where many wounded are arriving," said IARU Region 2 Secretary Ramón Santoyo, XE1KK. "They are helping Haitians to contact their relatives and friends outside of Haiti, but they can't help the world to find specific individuals in Haiti. They are receiving many e-mails with such requests, but security and road conditions make impossible to look for specific individuals in Haiti at the present."

**THE DOCTOR IS IN:  
TUBES AND TUBE REPLACEMENTS**

Rick Richardson, VE7WF, of New Westminster, British Columbia, recently has acquired some vintage vacuum tube-based equipment. He recalled that years ago, there was a product on the market -- Tubesters -- solid state replacements for vacuum tubes. He asked the ARRL's Doctor if anyone still manufactures such devices.

*Here's what the Doctor had to say:*

I do remember them, as well. If I recall, these were popular in the 1970s. To my knowledge, they are no longer available. You may find some on Internet auction sites from time to time. But before you go too far in that direction, I would think about what problem you are trying to solve. Old tube gear works very well with tubes, probably with better performance than "force fit" solid state replacements. In those days, many solid state receivers were quite vulnerable to overload and other problems, for example.

The nice thing is that most tubes are still available, often unused in original boxes and generally at similar prices to what they cost 50 years ago. An Internet search will turn up a number of places that sell tubes. I've always had good luck with [Antique Electronic Supply](#). If used within their ratings, tubes can last many years. I have WW2 vintage equipment that still works with some original tubes. I also have Drake tube based equipment from the period still going strong.

ARRL Lab Engineer Bob Allison, WB1GCM -- an amateur with years of dedicated experience with vintage gear -- notes

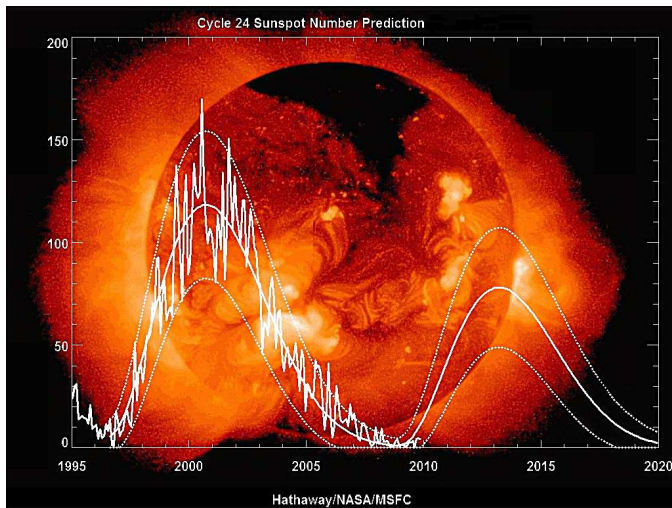
that if the equipment has sat around for many years, the chances are the tubes are gassy. The glass part of a tube is not a perfect envelope. One molecule of air at a time leaks into the tube and after a few years, the performance degrades. If a tube hasn't been used in 20 or 30 years, it can appear to be totally dead. *The trick to solve this is to let the radio run for a day or two.* The filaments in the tubes will eventually burn away whatever air is inside and the tubes will often be back in good shape.

The only exception that I often make is to replace power rectifiers with plug-in solid state equivalents. I usually make my own, but they are also commercially available. My rationale is that rectifier tubes generate a lot of heat the old gear doesn't need. In addition, the filaments can draw 15 to 20 W and by removing that load from the power transformer it should stay cool and last longer. Unlike tubes, power transformers are not so easy to find. If needed, the original condition can be restored by unplugging the solid state unit and putting the tube back.

*Thanks Doctor! Do you have a question or a problem? Send your questions via e-mail or to "The Doctor," ARRL, 225 Main St, Newington, CT 06111 (no phone calls, please). Look for "The Doctor Is IN" every month in QST, the official journal of the ARRL.*



## SOLAR UPDATE



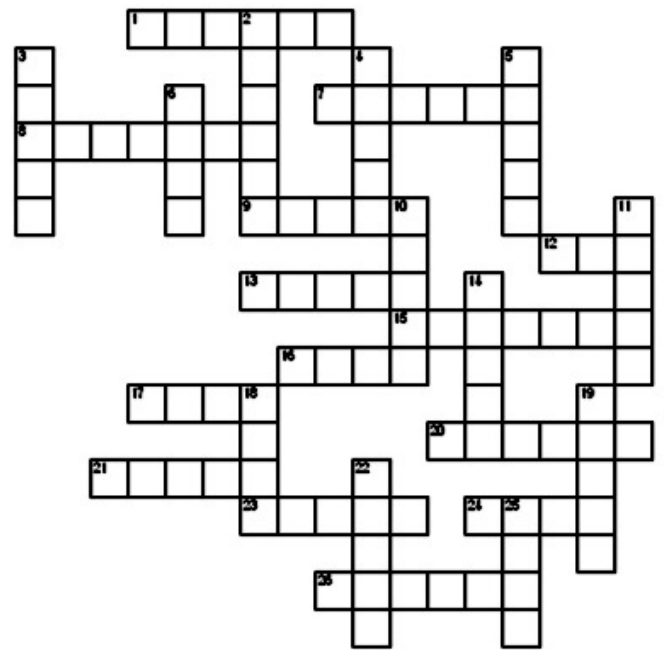
### THE K7RA SOLAR UPDATE

Tad "Who countest the steps of the Sun" Cook, K7RA, reports: We've seen average daily sunspot numbers for this reporting week. Since last Thursday through yesterday, the numbers rose more than 9 points to 28; the average solar flux slipped more than 2 points to 81.9. Geomagnetic indices were a tiny bit lower. We should be seeing sunspot numbers decline over the next five days. The predicted solar flux for January 28-31 is 78, 80 on February 1-2, 82 on February 3-4 and 88-89 for the following six days. We don't see any geomagnetic upset predicted until February 16, with the planetary A index only rising to 10. On the STEREO image, we can see sunspot 1041 in the Sun's southern hemisphere, past the central meridian. We also see a sunspot emerging from the unseen area of the sun (currently around 12.5 percent, not visible yet

to the STEREO mission) that is perhaps five days from emerging over the Sun's eastern limb. Look for more information in the Solar Update -- including some clarification, correction and expansion of the info in last week's bulletin concerning SID (Sudden Ionospheric Disturbance) events from Dick Grubb, W0QM of the Space Weather Prediction Center in Boulder, Colorado -- available on the ARRL Web site on Friday, January 29. For more information concerning radio propagation, visit the ARRL Technical Information Service Propagation page. This week's "Tad Cookism" brought to you by William Blake's *Ah! Sunflower.*

## CARC PUZZLER

1969 ARRL HANDBOOK  
PHONETIC ALPHABET



### SCRAMBLED WORD BANK

AMDA ERBKA HLACEIR VDDAI WADEDR  
HJON IGKN SLEWI MARY YNCA OOTT  
AMTSHO NUNOI IVTCRO LWMILA YXAR  
  
FKNRA EGOGRE YHENR ADI  
RTEPE EENQU RBOETR SAUSN  
GNYUO ZEARB

#### ACROSS

- 1. V
- 7. G
- 8. W
- 9. S
- 12. I
- 13. Q
- 15. C
- 16. X
- 17. A
- 20. E
- 21. P
- 23. Y
- 24. J
- 26. R

#### DOWN

- 2. T
- 3. L
- 4. Z
- 5. H
- 6. K
- 10. N
- 11. B
- 14. D
- 18. M
- 19. F
- 22. U
- 25. O

\*Hint – The 1969 ARRL alphabet is not the same as the international alphabet.

## AMATEUR RADIO HISTORY

### *THE WAYBACK MACHINE*

BY BILL CONTINELLI - W2XOY

Monday, April 15, 1912, 12:30 AM. The Wayback Machine is over the North Atlantic, at 41 degrees 46' North, and 50 degrees 14' West. Down below is a majestic ship, the largest and most luxurious ship in the world, on its maiden voyage. In the wireless room is a 5kw Marconi station, and before it sit two tired operators, who make \$20 per month, not as employees of the shipping line, but rather as employees of the Marconi Company. The in basket is still full of messages, everything from personal telegrams to stock market quotations. They are so busy working Cape Race, Newfoundland, that they didn't even notice the slight grinding jar 30 minutes earlier. As the two wireless operators, Jack Phillips and Harold Bride, passed the routine traffic, the Captain came in, said the ship had struck an iceberg, and told them to send a distress call at once. The blue spark jumped across the gap as Phillips sent "CQD" (come quick danger). "Send S.O.S." Bride said, "It's the new call and it may be your last chance to send it".

Thus began the moment in history that changed radio. Two hours later, Jack Phillips and over 1500 others were dead, the "Titanic" lay at the bottom of the ocean, and 713 survivors huddled in half filled lifeboats waiting to be rescued. The tragic errors in the story of the "Titanic" pointed out the need of wireless regulation.

The first ship to answer the distress call was the German Liner, the "Frankfurt". While the "Frankfurt" wireless operator was informing his captain, the "Carpathia" and Cape Race chimed in. When the "Frankfurt" operator came back to get more information, Phillips tapped back "SHUT UP, SHUT UP, YOU FOOL. STAND BY AND KEEP OUT". While this would seem bizarre by our standards, it made perfect sense to the operators of 1912. The "Titanic", "Carpathia", and Cape Race were equipped with Marconi operators and stations, while the "Frankfurt" utilized the services of Marconi's German competitor, Telefunken. This commercial war was extended down to the individual operators. No routine traffic would EVER pass from a Marconi station to a rival, and, even in an emergency, if Marconi stations were available, the others would be shut out.

The wireless controversy would continue after the "Carpathia" picked up the survivors. A wireless message was received, allegedly from the "Carpathia", which said "ALL PASSENGERS OF LINER "TITANIC" SAFELY TRANSFERRED TO THIS SHIP AND "S.S. PARISIAN". SEA CALM. "TITANIC" BEING TOWED BY ALLEN LINER "VIRGINIAN" TO PORT". Other wireless messages appeared, also stating that ALL passengers were safe, and the ship was being towed in. There was just one problem--these messages were not coming from the "Carpathia". For one thing, her wireless had a maximum range of 150 miles. For another, the "Carpathia" wireless operator had made only a few transmissions to the "Olympic" (sister ship of the "Titanic" and another Marconi operation), in which he tapped out the list of survivors, some coded messages from Bruce Ismay, President of White Star Lines, then shut down his station.

So complete was the radio silence from the "Carpathia", that they refused to answer the calls from Navy cruisers sent to the scene by President Taft. The White Star Line, owners of the "Titanic", were still insisting that everyone was safe and the ship had not sunk. But even as they made these claims, they had all the horrific details from the "Olympic". And so would the rest of the world, thanks to a 21 year old operator named David Sarnoff, who managed to detect the faint signals of the "Olympic", and broke the story. Faced with the truth, and hounded by thousands of reporters and outraged relatives of passengers, the White Star Liner officials finally broke down and revealed all.

Meanwhile, the "Carpathia" steamed towards New York City. When she passed within range of shore stations, there were "frenzied attempts by amateur wireless operators which formed a hissing mixture from which scarcely a complete sentence was intelligible". It didn't matter, because the radio silence continued.

At the Port of New York, the "Carpathia" was met by Senator William A. Smith of Michigan, a no nonsense Populist who was the Chairman of the committee investigating the shipwreck. He immediately slapped subpoenas on everyone possible, including Harold Bride and Harold Cottam, wireless operator on the "Carpathia". Marconi himself, who was in the U.S. at the time, (and had planned on taking the "Titanic" back to England), was also summoned to appear.

The hearings revealed the information given above, plus the disturbing fact that the "Californian" was just 10 miles from the "Titanic". Not only did the "Californian" not have a full time wireless operation, but the ship's captain ignored the eight distress rockets sent up by the "Titanic". As to the origin of the false messages concerning the saving of the ship and passengers, no answer was ever found. However, Senator Smith sarcastically noted that, in the interim, the "Titanic" was quickly reinsured, and stock in the Marconi Company jumped from \$55 to \$225 per share. The Senator DID find out the cause of the "Carpathia" radio silence--it was Marconi himself. He had sent wireless messages to Bride and Cottam stating "MARCONI COMPANY TAKING GOOD CARE OF YOU-KEEP YOUR MOUTH SHUT-HOLD YOUR STORY-YOU WILL GET BIG MONEY-NOW CLEAR".

It turned out that Marconi had an agreement with the New York Times for an exclusive story. Thus, essential information for desperate relatives and official inquiries from the President of the United States took a back seat to Marconi's interest.

When Marconi got on the stand, Senator Smith pounced on him with astonishing vehemence. Marconi had been lionized by the nation, and now the Senator was treating him like any other entrepreneur who put profit above the public. Senator Smith was warned that his attack on a man as popular as Marconi was political suicide, but he didn't care. In his obsession with his belief that the unregulated wireless spectrum was partly to blame in the "Titanic" disaster, he painted Marconi as a man willing to subordinate the public good to his goal of a complete wireless equipment AND spectrum monopoly. Senator Smith used the "Titanic" hearings to condemn the laissez-faire status of the wireless, and appeal for the international regulation of radio.

On May 18, 1912, Senator Smith introduced a bill in the Senate. Among its provisions: 1) ships carrying 50 passengers or more must have a wireless set with a minimum range of

## WAYBACK MACHINE CONT.

100 miles; 2) wireless sets must have an auxiliary power supply which can operate until the wireless room itself was under water or otherwise destroyed; and 3) two or more operators provide continuous service day and night. In response to the interference generated over the years, and especially when the "Carpathia" was within range, a provision was added that "private stations could not use wavelengths in excess of 200 meters, except by special permission". To avoid "ownership" of the spectrum by the Marconi Company, licenses would now be required, issued by the Secretary of Commerce. Each Government, Marine, or Commercial station would be authorized a specific wavelength, power level, and hours of operation.

The initial legislation had considered the elimination of all private, non commercial (i.e. amateur) stations, but Congress realized that would be difficult and expensive to enforce. Therefore, since it was a "well known fact" that long wavelengths were the best, and anything below 250 meters was useless, except for local communication, it was decided to compromise and give the amateurs 200 meters, where they could work 25 miles maximum and would die out of their own accord in a few years.

How the amateurs coped with 200 meters will be our focus next month. Hope you'll join us for another trip on the Wayback Machine.

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the Schenectady Museum Amateur Radio Club.*



## COMING EVENTS

### **CERT Training – North County Fire Authority**

Classes start Feb 2<sup>nd</sup> and continue every Tuesday thru March 23<sup>rd</sup> 6:30pm at Doelger Community Center Room 5, 101 Lake Merced Blvd., Daly City

See <http://www.northcountyfire.org> for more info

**Livermore Swap Meet** – 1<sup>st</sup> Sunday of each month at Robertson Park in Livermore, CA. 7:00AM to 11:30AM  
Talk-in: AD6X 147.120 (+) PL 100.

For information, Ian Parker-W6TCP

E-mail: [swap@livermoreark.org](mailto:swap@livermoreark.org)

Web Page: <http://www.livermoreark.org/swap/swap.html>

**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)

### **AM-Tech Day** – Monthly – see web page for dates

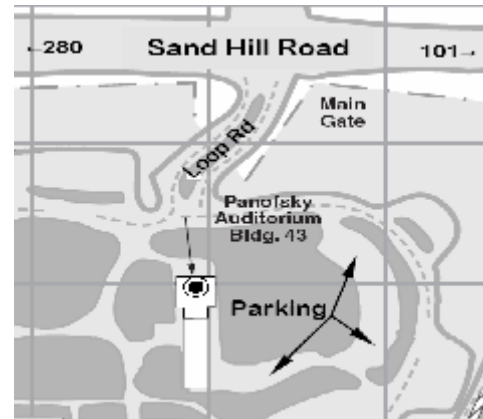


Sponsored by the Foothills Amateur Radio Society (FARS) and hosted by the Stanford Linear Accelerator Center (SLAC), the FARS Amateur Radio–Technology Day will be held at SLAC's Panofsky Auditorium, cafeteria, and adjoining areas.

Am-Tech Day is a monthly venue for local amateur radio operators and other technology innovators to practice and demonstrate their communication skills and emergency-preparedness equipment.

2575 Sand Hill Rd. Menlo Park, CA

Web Page: <http://www.fars.k6ya.org/amtechday>



## 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: February 7<sup>th</sup>, 8:45AM to 3:00PM

Location: Jewish Community Center of San Francisco  
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: Saturday April 3<sup>rd</sup> 2010 8:00AM to 5:00PM

Location: Morgan Hill, 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: (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	Feb 13	Sunnyvale, CA	10:30	AM
Sat	Feb 20	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 13 <sup>th</sup>	2010 Agenda Planning, LM Fire Station
Feb 10 <sup>th</sup>	2010 Agenda Finalizing, LM Fire Station
Mar 10 <sup>th</sup>	LM Round Table Pizza
Apr 14 <sup>th</sup>	Linda Mar Fire Station
May 12 <sup>th</sup>	Linda Mar Fire Station
Jun 9 <sup>th</sup>	Field Day Planning Mtg, LM Fire Station
Jun 26-27	CARC Field Day, Sweeney Ridge
Jul 14 <sup>th</sup>	Field Day Wrap-Up Mtg, LM Fire Station
Aug 11 <sup>th</sup>	Back to School Nite w/ KE6MNJ - LM Fire St.
Sep 8 <sup>th</sup>	Linda Mar Fire Station
Sep ?	T-Hunt and Picnic, Frontierland Park-Pacifica
Sep 25-26	Pacific Coast Fog Fest, Pacifica
Oct 13 <sup>th</sup>	2011 Officer Nominations, LM Fire Station
Nov 13 <sup>th</sup>	Election Dinner, Nick's Restaurant
Dec 8 <sup>th</sup>	Holiday Potluck Dinner Meeting, LM Fire

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



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

**THE COASTSIDE AMATEUR RADIO CLUB**

The Coastsides Amateur Radio Club (CARC) is affiliated with ARRL, and meets the second Wednesday of each month at 19:30 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; and a Packet digipeater, WA6TOW-1. 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.

**Digipeater: 145.050 MHz , Packet Node: PAC**

**CARC VHF Simplex: 146.490 MHz**

**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 editors.

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



# COASTSIDE NETS AND INFORMATION

## Tuesday

8:00 PM on WA6TOW 146.925 MHz, PL 114.8 and KC6ULT 146.865 MHz, PL114.8 simultaneously, but not linked. San Mateo County Area EOC Net. Contact Peter Liljequist-AA6PL [aa6pl@arrl.net](mailto:aa6pl@arrl.net)

## Wednesday

9:00 PM on WA6TOW 146.925 MHz, PL 114.8 Coastside Amateur Radio Club Wednesday night Check-in. Contact Casey-N6TZE

## 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. Contact Bill Lillie-N6BCT [n6bct@arrl.net](mailto:n6bct@arrl.net) (650) 726-3630

CLUB OFFICERS				
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Website	Dorene Bevington	KE6AGG	(650) 359-5194	ke6agg@arrl.net

## COASTSIDE COMMUNICATOR

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## FIRST CLASS

TO:



### MEETING NOTICE:

AGENDA FINALIZING MEETING  
FEBRUARY 10<sup>TH</sup> 2010 - 730PM  
LINDA-MAR FIRE STATION  
PACIFICA, CA



*Serving Bay Area Amateurs, and providing emergency communication services to the City of Pacifica*

**WWW.COASTSIDEARC.ORG**