



---

---

# THE COASTSIDE COMMUNICATOR

---

---

VOL. 40, No. 4

APRIL 2008

---

---

WWW.COASTSIDEARC.ORG

---

## PRESIDENT'S COLUMN

Time is flying by, four months, and now April is upon us. Our next meeting will be at Genentech for our joint CARC-GARC meeting.

We had a good turn out at Round Table Pizza in Linda Mar Shopping Center for the March meeting. Everyone enjoyed the pizza and good company.

For all their hard work, we give many thanks to Bill-N6IMS and the work crew up on the hill. We're up and running, but we still have a minor problem that will be corrected in short order.

Reminder it is tax time, and April 15 is around the corner. We are being told that the \$600 we are going to receive will boost the economy. My question is whose economy? China or the Gas Company.

In the April 2008 edition of QST, the In Brief section on page 61 announces that the CEPT reciprocal agreement has been amended to limit telecommunication to Advanced and Extra Class Licensees. So when you visit the European Countries, leave your radios home unless you have the higher class license. That's my read.

Here are a few more questions from the new Extra Class test effective July 1 2008:

E7B03 Where on the load line of a Class A common emitter amplifier would bias normally be set?

- A. *Approximately half-way between saturation and cutoff*
- B. *Where the load line intersects the voltage axis*
- C. *At a point where the bias resistor equals the load resistor*
- D. *At a point where the load line intersects the zero bias current curve.*

E7B05 Which of the following amplifier types reduces or eliminates even-order harmonics?

- A. *Push-push*
- B. *Push-pull*
- C. *Class C*
- D. *Class AB*

E7B06 Which of the following is a likely result when a Class C rather than a Class AB amplifier is used to amplify a single-sideband phone single?

- A. *Intermediation products will be greatly reduced*
- B. *Overall intelligibility will increase*
- C. *Part of the transmitted signal will be inverted*
- D. *The signal may become distorted and occupy excessive bandwidth*

See ya all at the next meeting.

73 ....Bob-W6LOG

## MARCH MINUTES

President Bob Barbitta-W6LOG, called the meeting to order at 1940 hrs in the front room of Round Table Pizza in Pacifica. All present introduced themselves.

The minutes from the February 2008 meeting, as recorded in this month's newsletter, were approved on a motion from George Horbal-KG6VSH, and second by Tom Mullarkey-AA6TM.

## TREASURER'S REPORT

Frank Erbacher-N6FG reported that the club has \$877.50 in the general fund. The repeater fund is at \$2093.17, the digipeater fund at \$365.91, and the EOC fund has \$1739.61. These individual funds add up to a club total of \$5076.19. Outlays included \$40.00 to print and mail the February newsletter. Total membership stands at 69 with 61 licensed members, 49 of whom are ARRL members.

## COMMUNICATIONS

Frank Erbacher also reported that a newsletter was received from the Santa Clara County Amateur Radio Club Association.

**COMMITTEE REPORTS****REPEATER**

Frank Erbacher updated the group on the progress that has been made during the last three expeditions to the top of Montara Mountain to repair and upgrade the WA6TOW VHF repeater installation. Repairs being made to the installation are intended to make it more robust to the kinds of damage that has been incurred in the recent past. The trips up the top have been pretty hard on the vehicles involved. Hopefully, the next trip up will finish the job and be the last for a while.

**AUTOPATCH**

Still awaiting repair.

**EMERGENCY SERVICES**

No update provided.

**FIELD DAY**

Ed Freeman-KD6TWK, is drafting a letter to the Golden Gate National Recreational Area staff requesting permission to use Sweeny Ridge, as in years past. Frank Erbacher urged all in attendance to talk up Field Day among the members to ensure that the turnout justifies the effort required to remote all of the equipment to the site.

**NEWSLETTER.**

Editor Dave-K6DMR, had no report.

**WEB SITE REPORT**

Dorene Bevington-KE6AGG, had no report.

**OLD BUSINESS**

None

**NEW BUSINESS**

A review of proposed questions from new Extra Class exam was led by club president, Bob Barbitta.

The possibility of obtaining insurance for the repeater equipment on the hill was discussed. George Horbal will look into the insurance issue.

Frank Erbacher proposed that the club needs review, anew, the way we deal with expenses, e.g., not sending newsletters to folks who are no longer members. Our largest general expenses are insurance, newsletter mailing and Field Day. If we add additional insurance expenses we'll have to find new ways of paying for it.

Dave Lawrence-KF6TWW, reminded all that the April club meeting will be at Genetech. Entry procedures to be provided in advance of the meeting.

The meeting was adjourned at 2010 hrs. on a motion by George Horbal, second by Tom Mullarkey.

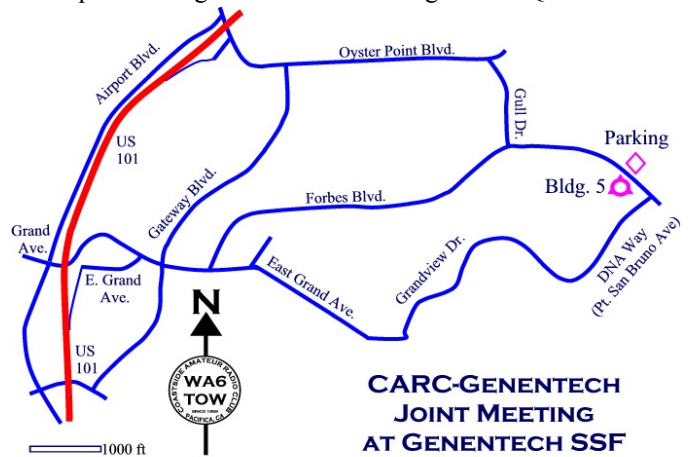
**PRESENT AT THE MEETING**

The following members were present: Bob Barbitta-W6LOG; Tom Mullarkey-AA6TM. Steve Mullarkey-KG6EWC, George Horbal-KG6VSH, Jim Sadler-W6SFW, Arnott Smith-KF2TM, Frank Erbacher-N6FG. Barbara Erbacher-K6IIP, Ed Freeman-KD6TWK, Orval Chadsey-N6OZI, David Rinck-K6DMR, Ralph Bailey-K6DLZ, Jane Bailey-KF6PGF, Dave Lawrence-KF6TWW, Roger Spindler-WA6AFT, Steve Ladas- W6LQM, Mike Bevington-AA6XL, Dorene Bevington- KE6AGG, Adrian Bevington, and George Tucker-W6HAF.

Respectfully submitted by George Tucker-W6HAF Secretary

**APRIL MEETING****CARC-GENENTECH ARC**

Our April meeting is at Genetech Bldg 5-Rm 5Q.



**DIRECTIONS FROM THE NORTH:** Take the 101 Freeway South. Exit at Grand Ave/SSF. At the bottom of the exit ramp, turn left at the light onto Airport Blvd. At the stoplight, turn left onto Grand Ave, and proceed under freeway to E. Grand Ave. At the fourth stoplight, turn left onto Forbes Blvd. Continue on Forbes Blvd. for 1.3 miles until just before it terminates at DNA Way. Bldg 5 is on the right; parking is in the lot across from Bldg 5.

**DIRECTIONS FROM THE SOUTH:** Take the 101 Freeway North. Exit at Grand Ave/SSF. At the bottom of the ramp, turn right onto E. Grand Ave. At the first stoplight, turn right to continue on E. Grand Ave. At the second stoplight, turn left onto Forbes Blvd. Continue on Forbes Blvd. for 1.3 miles until just before it terminates at DNA Way. Bldg 5 is on the right; parking is in the lot across from Bldg 5.



## NEWS

**WA6TOW REPEATER NEWS**

The WA6TOW VHF, 146.925 MHz, PL 114.8, repeater on Montara Mountain is now back to a more normal operation and has its receiver problem "Field Corrected" for the moment. The main antenna, which is mounted on the higher level of the tower, and is higher gain antenna than the standby antenna, is now active. The VHF standby lower level antenna is also available if needed. The emergency power service line has also been repaired and buried. The series of major system removals and repairs to date needed for this portion of the work culminated on the Saturday of Easter weekend. This repeater as you may know well is a very important part of the San Mateo County OES Amateur Radio coverage and until Saturday it was substantially inadequate or non operational since January.

The WA6TOW 441.075 MHz Repeater, PL 114.8, with only a few hundred milliwatts of output power per DOD requirements, is now linked to the VHF repeater, so try it if you have trouble accessing the VHF receiver.

The Phone Patch however is **not yet enabled** as repairs and modifications are still being made. Also, the VHF receiver needs to be replaced as its "Field Correction" is not sufficient.

Details

The effort to date has required over four trips, and thirty-two crew hours with crew sizes of from five to seven volunteers over these three months since the system was damaged. The repair costs so far total over \$1500 from repeater donation funds, and from general membership funds of the CARC.

Bill- N6IMS, was and is the leader of the effort. He is the technical expert and control system designer. He also secured needed materials and did the high tower climbing work. Our system **does need** additional volunteer climbers who have been properly trained and certified for using the required safety equipment for towers to help when necessary.

For the last four years or so Roger-WA6AFT, has not been able to do these difficult repair and maintenance efforts as he has done for over 25 years. He still hauls materials and manpower up Montara Mtn. as well as provides information on what he has installed over those years. He also has been doing the needed recycling and the salvage of coax and other materials.

More work is still needed to repair the damages to the site. A number of trips with smaller crew size will still be needed. We will be asking for volunteers again.

Those who have joined with me to volunteer for these continuing efforts under Bill's-N6IMS leadership were: Roger-WA6AFT, Bob-W6LOG, George-W6HAF, Dave-K6DMR, Joe-N3CKF, Mike-AA6XL, Ron-N3ETA, Mark-KI6LFL and Dan-N6ZEN. I hope I haven't forgotten some one. This might seem like a large number of volunteers but on any day when volunteers are needed many are not able to assist. Feel free to raise your hand to help if you haven't already.

Thank you again to all the workers and to those who volunteered but were not able to make any of these trips. Without you this repeater system would not be working.

Frank-N6FG, Trustee of WA6TOW

**ARRL UPDATE****ARRL EXPO REVVING UP FOR THE 2008 DAYTON HAMVENTION**

ARRL EXPO Coordinator Katie Breen, W1KRB, tells that plans for the ARRL EXPO <http://www.arrl.org/expo> at this year's Dayton Hamvention <http://www.hamvention.org> are coming together nicely. "Our current focus is on the new look and feel of our space. In past Hamventions, Forum Room 5 was located adjacent to the ARRL space. It is now moving to the Silver Arena, giving us more room and the opportunity to spread out a bit and do more creative things inside the EXPO."

Breen said that the ARRL EXPO team is looking at expanding the Field Services area to accommodate more programs and activities, including a larger meet-and-greet area for members to visit with ARRL President Joel Harrison, W5ZN, as well as the many other League officials and staff who will be on hand to answer any questions.

"The Field Services area will boast a large interactive display devoted to Logbook of the World <http://www.arrl.org/lotw> for real time demonstrations, as well as a question-and-answer session with ARRL Web and Software Development Manager and LoTW developer Jon Bloom, KE3Z," Breen added.

Personnel from the ARRL DXCC Branch will be on hand to check DX cards and applications for all ARRL awards; JARL personnel will check cards and applications for JARL awards. All cards, including old cards, cards from deleted countries and cards for 160 meters, will be eligible for checking. Applications will be limited to 120 cards; more cards will be checked as time and volunteer Card Checkers are available. See the DXCC Web site <http://www.arrl.org/awards/dxcc> for the latest program information and current forms.

The ARRL Bookstore and Membership area will continue to buzz with activity, particularly with all of the new publications and products being offered this year. QST Editor Steve Ford, WB8IMY, will be on hand to sign your new copy of "ARRL's VHF Digital Handbook." QST Contributing Editor and author of the popular QST column "Hands-On Radio" H. Ward Silver, N0AX, will also be available to sign copies of his latest book, "ARRL's Hands-on Radio Experiments." The new desktop and pocket-sized versions of the "ARRL Repeater Directory" are sure to be a hit with their new handy indexing tabs on the cover, easier-to-read listings and "Key to Repeater Notes" located right up front.

Visit the Dayton Hamvention Web site <http://www.hamvention.org/hv2008/tickets/tickets.html> to buy tickets at the discounted rate. Hotel rooms are filling up, so don't think twice -- if you've always wanted to attend Hamvention and have never had the chance, make this year your year to go. Hotels in the Dayton area can be found at the Dayton Montgomery County Convention and Visitors Bureau Web site <http://www.daytoncvb.com/accommodations/>. Keep updated with ARRL EXPO activities on the ARRL Web site <http://www.arrl.org/expo>.

**ARRL UPDATE CONT.****EMCOMMWEST COMING TO RENO IN MAY**

EMCOMMWEST 2008 -- an ARRL specialty convention - devoted entirely to emergency communications -- is coming to the Circus Circus Hotel Resort in Reno, Nevada May 2-4.

ARRL Emergency Preparedness and Response Manager Dennis Dura, K2DCD, will host an Emergency Communications forum and deliver the keynote address. Gordon West, WB6NOA, will be the special guest for the Saturday night banquet; West will also bring his mobile communication unit and present an "Introduction to Emergency Communications" forum on Saturday. Special Counsel of the FCC's Enforcement Bureau Riley Hollingsworth had been scheduled to make an in-person appearance, but instead will attend ECOMMWEST via a special video presentation.

The Reno Spring Hamswap will be held on Saturday, May 3 starting at 6 AM, adjacent to the hotel (corner of Sixth and Sierra). Everyone is invited to swap and sell. Unlike last year, there are no charges for buyers or sellers. Bring your own tables or swap out of the back of your vehicle.

There are four tracks of programs currently scheduled for ECOMMWEST: General/Technical EmComm (covering public relations, hazmat awareness, recruiting EmComm teams and more), EmComm 101 (including an introduction to Emergency Communications, Net Control Station training, message handling training, EmComm go-kits and a message handling competition), EmComm Served Agencies (including a weather spotter class, emergency operation centers, search and rescue, Salvation Army, MARS and CERT), and Education and Recruiting (including a Technician "Ham Cram" and VE sessions). The Ham Cram is for anyone interested in obtaining their Technician class license without suffering through a classroom environment.

There will be a special event station, N7Z, on HF, UHF and VHF. A special QSL card will be available.

Registration is now available online via the ECOMMWEST Website <http://www.emcommwest.org>. Special room rates are available from Circus Circus <http://www.circuscircusreno.com/>. Please visit the ECOMMWEST Web site or e-mail [info@emcommwest.org](mailto:info@emcommwest.org) for more information

**THE DOCTOR IS IN**

This week, ARRL Letter readers are in luck! The ARRL's very own Doctor, author of the popular QST column "The Doctor Is IN," answers a question from his mailbag:

Question -- Jeff Otto, WA1QYW, of Framingham, Massachusetts, asks: I have a new SSB transceiver, and I noticed something peculiar. When I tune to an empty frequency, say on 20 meters, with absolutely no signals and only noise, and I switch the mode between USB and LSB, the received "tone" of the background noise changes. On one position, it sounds like it consists of more high frequency components, and on the other position it sounds like more low frequency components. I would have thought that white noise would sound the same, regardless of which sideband is being received. In normal SSB operation, this effect is not really

noticed. I'm wondering if there is some sort of a misalignment in the radio.

The Doctor Answers -- Jeff, I agree with your diagnosis. Switching between USB and LSB switches the "BFO" or injected carrier frequency from one side of the SSB filter bandwidth to the other. There are a few exceptions, notably the early RL Drake tube transceivers that kept the same BFO frequency but switched the filters. Switching the BFO frequency is generally cheaper than having two filters.

There are two possibilities: One, that the shape of the filter passband is not flat. If it's higher on one side than the other, that will translate to stronger high frequency response on one sideband and stronger low on the other.

The other, and I would say more likely, possibility is that the BFO oscillators are not spaced the same distance from the edge of filter bandwidth. In one case you might have (with a 2.1 kHz filter, for example) with 200 Hz offset, an audio response from 200 to 2300 Hz, while the other sideband if spaced 400 Hz will have a response from 400 Hz to 2500 Hz. The usual design response is from 300 Hz to 300 + the filter bandwidth.

You can test this by using a good low-level audio generator in the microphone input (set to the same level as the mic audio), and checking the response at the audio monitor jack, if your radio has one. You could also check with another receiver, but unless it is very wideband, you would really be measuring the combination of offsets and filters in both radios.

If your transceiver has a PASSBAND TUNING or IF SHIFT control, you can move it to make the receive audio sound the same on either sideband, but that won't help on the transmit side. If it's not very different, and if you get good audio reports on both sidebands, you could also just pretend you hadn't noticed!

**ARRL IN BRIEF****AMATEUR RADIO EXEMPT FROM CALIFORNIA'S NEW "HANDS FREE" LAW**

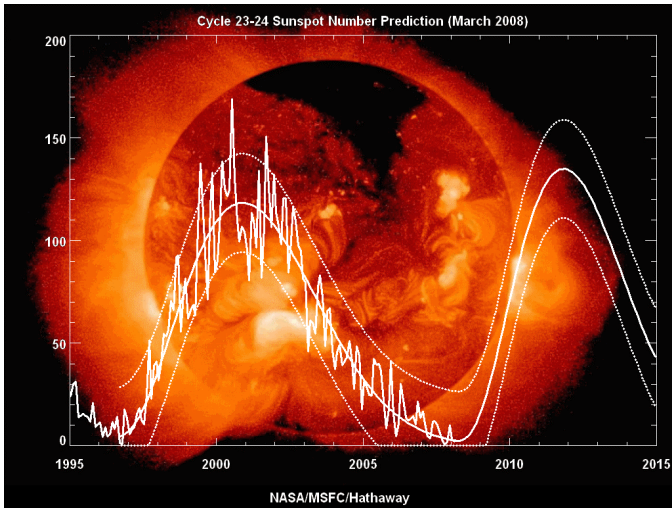
On July 1, the State of California will have new laws on the books to deal with the use of wireless telephones while driving. There has been some confusion as to whether California amateurs who operate in their car will be affected by the new law. According to the California Department of Motor Vehicle's Web site:

[http://www.dmv.ca.gov/cellularphonelaws/dl208\\_03cell\\_phon\\_e.pdf](http://www.dmv.ca.gov/cellularphonelaws/dl208_03cell_phon_e.pdf), "the use of dedicated two-way radios such as walkie-talkies or Citizen Band (CB) radios is not affected by the new law" for drivers 18 or older.



**Mark your calendar!**  
**CARC Field Day at Sweeny Ridge is**  
**June 28-29, 2008**

SOLAR UPDATE



THE K7RA SOLAR UPDATE

Tad "How the March Sun feels like May!" Cook, K7RA, this week reports: It is exciting to see heightened solar activity one week into spring. Currently, three sunspots are visible: 987, 988 and 989. The consensus says that all seem to be old Solar Cycle 23 spots. But with the three sunspot groups so close to the Sun's equator, it is hard to tell for certain. We know that Cycle 24 spots should have magnetic polarity opposing the magnetic signature of Cycle 23 sunspots, but this is also true for sunspots below the equator relative to sunspots above. Average sunspot numbers for the reporting week (Thursday through Wednesday) rose more than 18 points from the previous week, to 23.4. The average daily solar flux was up nearly six points to 75.4. The average geomagnetic indicators were unchanged, but this is because they fell from the start of last week and rose this week. Sunspot numbers for March 20 through 26 were 0, 0, 14, 35, 52 and 63 with a mean of 23.4. The 10.7 cm flux was 68.4, 68.2, 69.6, 72, 79.4, 88.6, and 81.6 with a mean of 75.4. Estimated planetary A indices were 8, 5, 5, 8, 4, 4 and 27 with a mean of 8.7. Estimated mid-latitude A indices were 7, 4, 4, 7, 2, 3 and 16 with a mean of 6.1. For more information concerning radio propagation, visit the ARRL Technical Information Service Propagation page <http://www.arrl.org/tis/info/propagation.html>. To read this week's Solar Report in its entirety, check out the W1AW Propagation Bulletin page <http://www.arrl.org/w1aw/prop/>. This week's "Tad Cookism" brought to you courtesy of Robert Browning.



TRADING POST



For Sale:

Create CR18 6' roof tower w/Yaesu thrust bearing. It was used for one year and then taken down. I can no longer use it so it is for sale. \$175 Dan-kf6a email: [kf6a@yahoo.com](mailto:kf6a@yahoo.com)



CARC APRIL PUZZLER

RIGS OLD AND NEW

(scrambled word bank)

M Z O M H R E V C E T N E T H E A T H K I T E Q I  
 H G N K Y J O C N I L A P A C N T L A F L S J X D  
 E K A I O O R J X V E N K E Z S P F I C I X E W B  
 F L T P W W F A P W C U A K E N W O O D T M R A V  
 J A I T D N I R S C U R S L E Z G D R S W A N O K  
 O T O A J Z E Y U E I G A L Y E N Q N H O P C W B  
 H B N V X G Y L L U T J H U L U N R K L K G T B W  
 N I A Z U N U E C M C Z Y Q L E P D E L A S E S E  
 S S L F X S C G A U H R G R T Y W I C A T K D O B  
 O V T C S R E R F Z B S A K K D E Y S M A E P S S  
 N N X N A F J A L Y A M I C P W R Z E R S O Y M O  
 T S P F J G M Q Y V M V B S O P B C D V I U Z W F  
 M K T I R E G W P A N R A D U L M M F Z R T B T C  
 Z N J C Q O X Q H S X Z J B L Z L V P B T A V C V  
 L P P O D B E E V L Z F V Y I H R I E F Y Q H U T  
 W S G M H A L L I C R A F T E R S T N E O M D U A  
 J G K Y M C D B I Q Z G A Z Q M Z Y F S J P S H J

- |           |            |            |              |
|-----------|------------|------------|--------------|
| OEDWKON   | EUSAY      | ILCLONS    | IOCM         |
| KAERD     | AWNS       | HTETIHKA   | FTEACELR     |
| ILCNAO    | TNANAOLI   | ETECNT     | EAIRASFLHTRC |
| FONJEOHNS | ARUDNHAMLM | HLAEEVLYRW | BW           |



AMATEUR RADIO HISTORY

THE WAYBACK MACHINE

BY BILL CONTINELLI - W2XOY

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

The amateur radio population hit two milestones in 1962. The number of hams passed the 250,000 mark by the end of the year, and membership in the American Radio Relay League hit 100,000. With the increase in the amateur census, the FCC was running out of "WA" prefix callsigns in the 2nd and 6th Call Areas. Soon, "WB" callsigns would appear. As for the ARRL, it was running out of space. The old building in West Hartford was filled to the rafters. So, the ARRL proposed a new Headquarters at the site of W1AW--225 Main St.,

Newington, Conn. The new building would cover 25,000 sq. ft.--vs. 14,000 sq. ft. for the West Hartford location. To finance the \$250,000 cost, the ARRL started the Building Fund. They hoped to be in the new Headquarters by 1963.

On May 11, 1962, Herbert Hoover Jr, W6ZH, was elected President of the ARRL. Son of Herbert Hoover--the former President and Secretary of Commerce--W6ZH was famous in his own right as an inventor, Corporate President, and engineer. Licensed since 1915, he was active on all bands from 160 through 2 meters.

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

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

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

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

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

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

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

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

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

*Re-printed with permission. Wayback Machine #28 Copyright 1996, 2001 by William Continelli, W2XOY All rights reserved. These columns were originally written for the Schenectady Museum Amateur Radio Club.*



## COMING EVENTS

**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>

**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)

**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).

## 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/>

Location: San Francisco County Fair Bldg., Hall of Flowers – Rec. Room, 9<sup>th</sup> Ave and Lincoln Way, San Francisco, CA

Sun	Jun 1	8:45	AM
-----	-------	------	----

**LICENSE EXAMS CONT.**

**Bay Area Educational Amateur Radio Society**

Offering a one day study session for Technician or General theory, followed by testing. Fee: \$30.00 (Morse Code tests will be not be given.)  
 When: Saturday May 17<sup>th</sup> 2008 8:00am - 5pm  
 Where: College of San Mateo (CSM) San Mateo, CA  
 Register: <http://www.baears.com/>  
 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-11AM.  
 Compaq Computer, 19333 Vallco Parkway, Cupertino, CA.  
 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=\$10.00 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	Apr 12	Sunnyvale, CA	10:30	AM
Sat	Apr 19	Redwood City, CA	10:30	AM

**CARC MEETING/EVENT SCHEDULE**

Jan 9 <sup>th</sup>	2007 Agenda Planning, LM Fire Station
Feb 13 <sup>th</sup>	2007 Agenda Finalizing, LM Fire Station
Mar 12 <sup>th</sup>	Pizza Night, Round Table Pizza LM Shop Ctr
Apr 9 <sup>th</sup>	CARC-Genentech Joint Mtg, Genentech-SSF
May 14 <sup>th</sup>	Home Brew Night, LM Fire Station
Jun 11 <sup>th</sup>	Field Day Training & Meeting, LM Fire Station
Jun 28-29	CARC Field Day, Sweeny Ridge
Jul 9 <sup>th</sup>	?, LM Fire Station
Aug 13 <sup>th</sup>	Back to School Night w/KE6MNJ, LM Fire Stn
Sep 10 <sup>th</sup>	?, LM Fire Station
Sep ?	T-Hunt and Picnic, Frontierland Park-Pacifica
Sep ?	Pacific Coast Fog Fest, Pacifica
Oct 8 <sup>th</sup>	2009 Officer Nominations, LM Fire Station
Nov 15	Election Dinner, Nick's Restaurant
Dec 10 <sup>th</sup>	Holiday Potluck Dinner Meeting, LM Fire

? to be determined

\* tentative date

**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 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.

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

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-KD6BXY  
[kd6bxy@arrl.net](mailto:kd6bxy@arrl.net)

## Wednesday

9:00 PM on WA6TOW 146.925  
 MHZ, PL 114.8 Coastside Amateur  
 Radio Club Wednesday night  
 Check-in.  
 Contact Robert Barbitta-W6LOG

## 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				
Office	Name	Call	Phone	E-Mail Address
President	Robert Barbitta	W6LOG	(650) 878-8716	<a href="mailto:bobandcarole@msn.com">bobandcarole@msn.com</a>
V. President	Ralph Bailey	K6DLZ	(650) 341-6236	<a href="mailto:kc6dlz@aol.com">kc6dlz@aol.com</a>
Secretary	George Tucker	W6HAF	(650) 728-2823	<a href="mailto:w6haf@arrl.net">w6haf@arrl.net</a>
Treasurer	Frank Erbacher	N6FG	(650) 355-4355	<a href="mailto:n6fg@arrl.net">n6fg@arrl.net</a>
CLUB STAFF				
Emergency Services	Frank Erbacher	N6FG	(650) 355-4355	<a href="mailto:n6fg@arrl.net">n6fg@arrl.net</a>
Field Day	Ed Freeman	KD6TWK	(650) 755-3498	<a href="mailto:kd6twk@arrl.net">kd6twk@arrl.net</a>
Membership	Frank Erbacher	N6FG	(650) 355-4355	<a href="mailto:n6fg@arrl.net">n6fg@arrl.net</a>
Newsletter Editor	David Rinck	K6DMR	(650) 359-8997	<a href="mailto:k6dmr@arrl.net">k6dmr@arrl.net</a>
Newsletter Publisher	Roger Spindler	WA6AFT	(650) 359-5254	<a href="mailto:wa6aft@juno.com">wa6aft@juno.com</a>
Trustee of Club Call	Frank Erbacher	N6FG	(650) 355-4355	<a href="mailto:n6fg@arrl.net">n6fg@arrl.net</a>
Web-Hosting	Joe Pistrutto	N3CKF	(650) 464-4859	<a href="mailto:n3ckf@arrl.net">n3ckf@arrl.net</a>
Website	Dorene Bevington	KE6AGG	(650) 359-5194	<a href="mailto:ke6agg@arrl.net">ke6agg@arrl.net</a>

## COASTSIDE COMMUNICATOR

DAVID RINCK, EDITOR  
 P.O. BOX 1106  
 PACIFICA, CA 94044

## FIRST CLASS

TO:



MEETING NOTICE:  
 CARC-GARC JOINT MEETING  
 APR 9<sup>TH</sup> 7:30 PM  
 ROOM 5Q – BLDG 5  
 GENENTECH, SO. SAN FRANCISCO



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

**WWW.COASTSIDEARC.ORG**