



THE COASTSIDE COMMUNICATOR

VOL. 44, No. 2

FEBRUARY 2012

WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

Welcome to February! At our next meeting we hope to finish up the activity planning for 2012 and assign dates to round out the CARC calendar. Please bring your ideas and availability to the February meeting for discussion.

We currently have three committees that have been commissioned by the club that held their first meetings in January. The Repeater committee (K6DMR committee chair), the Communications committee (AJ6J committee chair) and the Bylaws committee (AJ6J committee chair). Although they are just starting out it will be interesting to hear the current status of each.

I would like to thank those who took the time to respond to the survey of the communications committee. This committee is trying to find out what we want from our club so that we can better plan our future meetings and events. If you have not responded yet please respond ASAP.

I look forward to seeing you at the Linda Mar Firehouse in Pacifica on February 8th.

73... Casey-N6TZE

JANUARY MINUTES

The January 11, 2012 meeting was called to order at 7:31 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.

Mary Ellen Scherer-AJ6J moved that the minutes as published in the Coastside Communicator be approved. The motion was seconded by Frank Erbacher-N6FG and unanimously approved by the members present.

TREASURER'S REPORT

Frank Erbacher-N6FG read the report the club's financials: \$647 in the general fund; \$4,892 in the repeater fund; \$644 in the digipeater fund and \$6,040 in the EOC fund. These individual fund totals add up to a club total of \$12,243.

There was a motion made by Ross Burton-W1RAB to reimburse Treasurer Frank Erbacher-N6FG \$96 for the postal box. The motion was seconded by Carmel Gallagher-KJ6ERS and unanimously approved by the members present.

Frank-N6FG moved that we pay our \$20 NARC 2012 dues, which is a voluntary payment in support of their effort. The motion was seconded by Mary Ellen-AJ6J and unanimously passed by the members present.

The treasurer paid Frank-N6FG \$38 for mailing and publication of the Communicator newsletter, and Membership renewal notice.

MEMBERSHIP

Frank-N6FG reported that the total club membership stands at 97, including two new members.

COMMUNICATIONS

None reported.

COMMITTEE REPORTS

REPEATER

Operational. Dave Rinck-K6DMR reported that a "trip up the hill" would likely be made to determine the cause of the recent repeater noise.

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 stated that the damaged coax has been temporary repaired and packets are now being successfully relayed. A temporary fix was made using a magnetic mount antenna, however, the coax going to the original antenna is still in need of repair.

EMERGENCY SERVICES

No Report

FIELD DAY

Frank-N6FG reported that Field Day will take place this year on the weekend of June 23rd and 24th.

FOG FEST

Frank-N6FG stated that he would like to continue club participation in Fog Fest this year.

NEWSLETTER

Published

WEBSITE

It was discussed that the website needs updating. This item was further discussed under new business

OLD BUSINESS

Previous motion to establish a Bylaws Committee was deferred to New Business.

NEW BUSINESS**BYLAWS COMMITTEE**

Casey-N6TZE moved that a Bylaws Committee of 3, Mary Ellen-AJ6J, Frank-N6FG and Dave-K6DMR, with Mary Ellen to serve as chair, be appointed for the purpose of updating CARC's current Bylaws by submitting proposed amendments to the membership for approval. The motion was seconded by Gary Barnes-KI6HIG and unanimously passed by the members present.

CW COMPUTER PROGRAM

Bill Lillie-N6BCT reported that he entered the ARRL sweepstakes CW using a computer program to copy and send CW and suggested that perhaps this program could also be tried during Field Day.

COMMUNICATIONS COMMITTEE

Ross Burton-W1RAB) moved that a Communications Committee be formed, first, to ensure that current communications vehicles, including the website and newsletter, be kept updated, and, second, to develop new methods, including membership polling, for determining meeting agenda content and future club activities. The motion was seconded by George Fenisey-N6GYR and unanimously approved by the members present.

Casey-N6TZE moved that he, Mary Ellen-AJ6J and Ross-W1RAB serve as members of the new Communications Committee with Mary Ellen to chair. The motion was seconded by Frank-N6FG and unanimously approved by the members present.

HALF MOON BAY ARES

Dave Richards-AF6MN gave a report on Half Moon Bay ARES. (Dave serves as EC and District Emergency Coordinator for San Mateo County Coastside.) He stated that Half Moon Bay dissolved its Police Department and contracted with the Sheriff's Office for police services. Since the ARES liaison had been through the Police Department, a new structure needed to be set up. Dave said that they have been working with the Sheriff's Communications Unit to come up with new County DSW (Disaster Service Worker) training requirements with the intent to roll out the program countywide. He explained that under the ARRL structure, San Mateo County is divided into two districts: Coastside and Bayside, and that he was considering Pacifica part of the Coastside District, though it clearly has ties to both. Dave said that one thing they've been working on in Half Moon Bay is getting good antenna installations at sites that would be important in an emergency situation so that simplex communication would be possible if the repeater is down or not available.

**SAN FRANCISCO AMATEUR RADIO CLUB**

Tony Dowle-K6BV, president of the SFARC, was present at the meeting and reported that they would be heading up a special events station W6G starting at 10 a.m. on Saturday, May 26 through 2 p.m. on May 27 celebrating the 75th Anniversary of the Golden Gate Bridge.

They will operate from the ham station at the VA Med Center at 42nd and Clement in SF. They will be running HF from a minimum of 5 bands. Tony stated this is a Bay Area event, not just a SFARC event, and extended an invitation to Coastside to join in the event. He said they have gotten the word out to 250 base stations around the world. They will be conducting training sessions in advance to familiarize operators with the equipment.

ADJOURNMENT

At 8:47 p.m. Bill Lillie-N6BCT moved that the meeting adjourn. The motion was seconded by Frank-N6FG and passed unanimously.

PRESENT AT THE MEETING

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

Officers: Casey Villyard-N6TZE, Ralph Bailey-K6DLZ, Frank Erbacher-N6FG, Mary Ellen Scherer-AJ6J

Members: Gary Barnes-KI6HIG, Ross Burton-W1RAB, George Fenisey-N6GYR, Carmel Gallagher-KJ6ERS, Ariel Gallega-K6RYL, Dave Lawrence-KF6TWW, Bill Lillie-N6BCT, Walt Long-KG6EDY, David Richards-AF6MN-, David Rinck-K6DMR, Audrey Villyard-WA2KPS and Joshua Villyard-N6TZF.

Visitors: Tony Dowler-K6BV, Arnott Smith-KF2TM-, Jim Wallace-KJ6QNG and George Sabet

Reported by Mary Ellen Scherer-AJ6J

**NEWS****USS IOWA BB-61 FIELD TRIP**

The club had an informal field trip to the Battleship USS Iowa recently at the Port of Richmond Terminal 3 in Richmond, CA currently undergoing refurbishment work.

Built in 1940, the USS IOWA served our country for over 50 years. Designated the "World's Greatest Naval Ship" due to her big guns, heavy armor, fast speed, longevity and modernization, she kept pace with technology for more than 50 years.

Once she has been readied for travel, she will be towed to the Port of Los Angeles, Berth 87. There the USS IOWA will be re-commissioned as an education & museum attraction.

Currently, the ship is open to the public on Saturdays and Sundays from 10 am to 4 pm.

Presently the bow of the USS IOWA is the only area available for visiting onboard the ship. It is the intent to open additional areas prior to the departure of IOWA to Los Angeles.



Photo courtesy Gary Barnes-KI6HIG

USS IOWA CONT.

During your visit, there are additional exhibits to visit that include vehicles from the Military Vehicle Technology Foundation, a Harpoon missile, 16" shells and numerous other exhibits from regional museums.

ARRL UPDATE

FCC DENIES ARRL PETITION ON VANITY, CLUB CALL SIGNS

On January 11, the FCC issued a Memorandum Opinion and Order, denying an ARRL Petition for Reconsideration concerning vanity and club call signs. Filed with the Commission in January 2011, the ARRL’s *Petition* was in response to the FCC’s *Report and Order (R&O)* that detailed rules changes to the vanity call sign system and call signs for Amateur Radio clubs. These new rules went into effect on February 14, 2011.

The ARRL found that most changes made by the *R&O* were “reasonable codifications and clarifications of existing policies.” But it asserted that several amended Sections of Part 97 -- including Sections 97.5 and 97.19 -- were unclear. In its *Petition*, the ARRL urged the FCC to reconsider and modify these portions “in order to reflect the intent of the *Report and Order*.”

In the *R&O*, the FCC pointed out that it had “amended and clarified its rules with respect to vanity call signs and club station licenses to promote processes that are more to limit club stations to holding only one vanity call sign and to limit an individual to being the trustee for only one club station license.” It said that the purpose of the rules change was “to prevent club stations from obtaining an unfair share of desirable call signs, given that individuals are limited to holding one operator/primary station license (and, therefore, one call sign), while there was no limit on the number of licenses a club could hold.”

The FCC said that it had heard from radio amateurs who urged the FCC to limit the number of club stations for which an individual could serve as trustee, “pointing out that limiting the number of vanity call signs that a club can obtain would accomplish nothing if an individual could bypass the rule by creating multiple clubs.”

The FCC noted that the ARRL supports its efforts to prevent club stations from obtaining an unfair share of desirable call signs, but expresses concern that the specific rule language adopted by the Commission “does not preclude the abuses that the *Report and Order* intended to preclude.” In its *Petition*, the ARRL stated that if a club has multiple station trustees, each of these trustees could obtain a vanity call sign for the club, thereby allowing the club to obtain multiple vanity call signs. The ARRL also argued that a club could “gam[e]” the club station vanity call sign system” by obtaining multiple FCC Registration Numbers (FRNs) and applying for a vanity call sign under each FRN. “We do not believe that the vanity call sign system is subject to the abuses identified by the ARRL,” the FCC said, “or that its suggested rule changes are necessary.”

In denying the ARRL’s *Petition for Reconsideration*, the FCC maintained that a club may have only one license trustee at a time: “Section 97.5(b)(2) of our Rules states, in part, ‘A club station license grant may be held only by the person who is the license trustee designated by an officer of the club.’ Consequently, we believe that Section 97.19(a), which provides that ‘the person named in a club station license grant that shows on the license a call sign that was selected by a trustee is not eligible for an additional vanity call sign,’ effectively implements the Commission’s decision to limit club stations to holding only one vanity call sign. Any application from a club for an additional vanity call sign when the club already is assigned a vanity call sign will be dismissed because the trustee is not eligible for an additional vanity call sign. Accordingly, we decline to revise Section 97.19(a) as ARRL requests.”

With regard to the ARRL’s concern that a club could obtain multiple FRNs and thereby obtain multiple vanity call signs, the FCC asserted that vanity call sign applications from club stations are checked not only with respect to whether the FRN on the application matches the FRN on the grant of a vanity call sign to any club station, but also with respect to whether the club name on the application matches the club name on the grant of a vanity call sign to any club station: “Therefore, even if a club obtains or holds multiple FRNs, if an application is received from a club and the database shows that a club with the same name already has a vanity call sign, the application will not be granted, absent further review. We accordingly conclude that the change that ARRL requests to Section 97.5(b)(2) is not necessary.”

ARRL UPDATE CONT.

The FCC maintained that the ARRL's *Petition for Reconsideration* "does not provide any grounds for reconsidering the Commission's decision in the *Report and Order*. The concerns expressed by the ARRL about licensees attempting to evade the rules adopted in the *Report and Order* are already addressed by our licensing rules and processes. We therefore deny the *Petition for Reconsideration*." The FCC also noted that while ARRL suggests that it take the matter up again in a future proceeding, "we have no plans to revisit the issue at this time."

Commenting on the *Memorandum Opinion and Order*, ARRL Chief Executive Officer David Sumner, K1ZZ, observed: "We believe the FCC has been too hasty in denying the ARRL's *Petition for Reconsideration*. In footnote 6, the FCC assures amateurs that 'Club stations may continue to obtain multiple sequential call signs.' However, this is inconsistent with the Commission's interpretation of 97.5(b)(2), as preventing a club from having more than one trustee, because 97.5(b)(2) applies to all club station licenses and not simply to those with vanity call signs. Coupled with 97.17(d), this appears to make it impossible for clubs to obtain more than one sequential call sign, contrary to the Commission's intent as stated in footnote 6."

RADIO AMATEURS NOT AFFECTED BY NARROWBANDING REQUIREMENTS

The FCC released a *Public Notice* on January 6, reminding land mobile licensees, frequency coordinators and equipment manufacturers that they have less than one year to transition to narrowband operations in the 150-174 and 421-512 MHz bands. While the latter frequency range includes amateur service allocations, radio amateurs are not affected by the narrowbanding requirement. Land mobile operation is permitted in parts of the 421-430 MHz band in the areas around Detroit, Cleveland and Buffalo, and land mobile licensees in these areas are among those who will have to migrate to narrowband (12.5 kHz or narrower) technology by January 1, 2013. Amateur operation is not permitted along the Canadian border (north of Line A as defined in the FCC Rules) in the band 420-430 MHz.

ARRL REQUESTS FEEDBACK FOR 60 METER BAND PLAN

Last month the FCC released a Report and Order (R&O) detailing new rules for the 5 MHz (60 meters) Amateur Radio band. These rules have not been published in the Federal Register. In order to be official, the rules must be published in the Federal Register and will take effect 30 days after the publication date.

The R&O brings with it a number of changes for 60 meter operators:

- The frequency 5368.0 kHz (carrier frequency 5366.5 kHz) is withdrawn and a new frequency of 5358.5 kHz (carrier frequency 5357.0 kHz) is authorized.
- The effective radiated power limit in the 60 meter band is raised by 3 dB, from 50 W PEP to 100 W PEP, relative to a half-wave dipole. If another type of antenna is used, the station licensee must maintain a record of either the

antenna manufacturer's data on the antenna gain or calculations of the antenna gain.

- Three additional emission types are authorized. Data (emission designator 2K80J2D, for example, PACTOR-III), RTTY (emission designator 60H0J2B, for example, PSK31) and CW (150HA1A, i.e. Morse telegraphy by means of on-off keying). For CW, the carrier frequency must be set to the center frequency. For data and RTTY the requirement to transmit "only on the five center frequencies specified" may be met by using the same practice as on USB, i.e. by setting the suppressed carrier frequency of the USB transmitter used to generate the J2D or J2B emission to the carrier frequency that is 1.5 kHz below the center frequency.

Considering the expected increase in 60 meter activity when the R&O finally takes effect, the ARRL is asking for feedback to assist in crafting a proposed band plan. For example, what modes and activities should be recommended for the various channels?

If you're a 60-meter operator, e-mail your suggestions to hf-band-plan@arrl.org.



AMATEUR RADIO HISTORY

THE WAYBACK MACHINE

BY BILL CONTINELLI - W2XOY

In our last installment, we traced the development of FM and repeaters from 1932 up to 1970. Since the FCC rules at that time had no provision for repeater operation, stations in repeater service were operated under the Part 97 provisions covering remote control. The FCC, in February, 1970, came out with Docket #18803, which set forth the Commission's proposed repeater rules. These included small sub-bands set aside for repeater operation, a ban on linked, cross-band and multi-band repeaters, a requirement for "whistle on" or other tone control, and a requirement that the licensee of a repeater station be in attendance at the transmitter or at an authorized fixed control point to monitor all transmissions of the station. In regards to the 2 meter band, the FCC set up the repeater sub-band in such a way that two thirds of it would not be accessible to Technicians.

Reaction was quick and negative. The ARRL and others felt that the proposed rules were so restrictive that they might be the end of amateur repeater operation as it existed at that time. Counter proposals, far less restrictive than the FCC's, were submitted to the Commission.

While amateurs waited for the revised FCC rules, another problem had to be solved. When two meter FM operation started in the 60's, 146.94 had been chosen as the national simplex frequency. This was the highest wide band FM frequency available to Technicians. After repeaters came along, amateurs discovered that the surplus commercial equipment in use had a maximum bandwidth of 600 kHz. Thus, 146.34 was chosen for the first repeater input. However, in areas where .94 was in heavy use by simplex stations, 146.76 was chosen as the output. This led to the problem of non-standard splits, and in some areas of the country, repeaters such as .34/76, .28/94, and .34/82 could be found. The frequency 146.94 was a battleground between the simplex vs. repeater groups.

WAYBACK MACHINE CONT.

Amateurs were also fighting a minor battle over 146.64Mhz, which, in some parts of the country, was a DX simplex frequency. To make matters worse, all transceivers back then were crystal controlled. With crystals at \$10 per pair, it cost \$120 (about \$350 today) to fill all 12 channels in a 2 meter radio. It was possible to equip your radio with the repeaters and simplex frequencies used in one area, then find all of your channels were useless 200 miles away.

A National Plan was needed. The Texas VHF-FM Society proposed such a plan, which was described in the May, 1972 issue of QST. In it, the repeater offset was standardized at 600 kHz, 146.94 and 146.64 became repeater outputs, 146.40 through 146.58 became simplex, and 146.52 was chosen as the national simplex frequency. In the 146-147 range, accessible to Technicians and above, there were 13 repeater and 7 simplex channels. The 147-148 range, available only to Generals and above, had 14 repeater and 6 simplex channels. Note that in the Texas plan, all repeater inputs were 600 kHz below the output--even in the 147-148 range. Except for changing the inputs to the high side above 147mhz, the Texas Plan was adopted. The gradual acceptance of a 2 meter band plan still did not resolve the FCC issue. The Texas Plan, as good as it was, violated the FCC's 1970 proposal.

The Commission still had not issued any repeater rules, nor had they acted on the ARRL's 1969 request to give Technicians the full 2 meter band. Finally, in September 1972, the FCC issued new rules covering repeaters, logging and portable/mobile operations. Liberal repeater sub-bands were authorized at 52-54, 146-148, 222-225, and 442-450 Mhz. Logging requirements, especially for repeater and mobile stations, was simplified: repeater operators no longer needed a tape recorder hooked up to their stations. The requirement for a portable or mobile station to notify the FCC of operation in a particular Radio District was also reduced--no longer would amateurs contemplating a cross country trip with their radios have to write to each District on their journey in order to inform the Engineer of the trip.

Repeaters would have to be licensed: callsigns beginning with the prefix "WR" would be issued. The repeater license application was complex--each applicant for a repeater license had to submit certain data to the FCC regarding the technical, operational, and effective radiated power of the proposed station. "Whistle on" or tone control was no longer required, two repeaters could be linked, but multi-linked or crossband repeaters were prohibited. Repeater monitoring and control requirements were made more flexible. And finally, the FCC acted in part on the ARRL's 1969 proposal. Although they did not give Technicians full 2 meter privileges, they did grant them the 147-148 segment. Technicians could now operate all 2 meter repeaters without violating FCC rules. The new FCC repeater rules, coupled with the Texas Plan, caused a surge in 2 meter FM activity. It also was the shot in the arm the hobby needed to fully recover from the decrease in growth caused by Incentive Licensing.

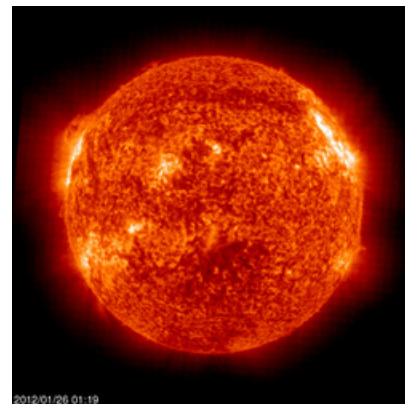
Manufacturers such as Drake, Standard, Regency, Tempo, Genave, Clegg and Midland poured rigs onto the amateur market. Heathkit had the very successful HW-202 followed by the even more popular HW-2036. The increase in the number of Technicians on 2 meter FM finally killed the "Technicians are experimenters, not communicators" theory. And finally,

thanks to 2 meter FM, amateur radio grew by over 33% in the 1970's. In 1975, due to increased demand, the FCC authorized the use of 144.5-145.5 Mhz for repeater operation. Technicians were given access to this subband. In 1978, the FCC relaxed the rules, eliminated the separate repeater licenses and the "WR" prefix, and gave Technicians the full 2 meter band.

From 1978--1981, the synthesized revolution took place, as affordable PLL and microprocessor rigs drove the last of the crystal controlled radios off the market. Today, a name brand, 2 meter HT costs about \$175. With it, you can access over 4000 repeaters, or scan the VHF Hi band. Compare that to 1972, when a crystal controlled radio, equipped with 12 channels, cost \$300--or about \$800 in today's dollars. We truly have come a long way.

In our next installment, we will look at a couple of license proposals in the mid 70's and the controversy they caused. I hope you will join me.

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the Schenectady Museum Amateur Radio Club.*

**SOLAR UPDATE****THE K7RA SOLAR UPDATE**

Tad "Staring at the Sun" Cook, K7RA, reports: This was another week where average daily sunspot numbers declined, while average daily solar flux increased. The predicted solar flux is 125 on January 26, 120 on January 27-30, 125 on January 31-February 2, 140 on February 3-8, 145 and 150 on February 9-10, 155 on February 11-13, 150 on February 14-19, and then 145 on February 20-23. That's right -- the long-anticipated short-term solar flux peak of 165 from February 17-21 is gone. The last forecast which still held this number was on January 23, and on January 24 it changed. The predicted planetary A index is 5 on January 26, 8 on January 27-28 and 5 on January 29 to February 7, 8 on February 8-9, and then 5 again on February 10-23. Look for more information on the ARRL website on Friday, January 27. For more information concerning radio propagation, visit the ARRL Technical Information Service Propagation page. This week's "Tad Cookism" is brought to you by U2's *Staring at the Sun*.



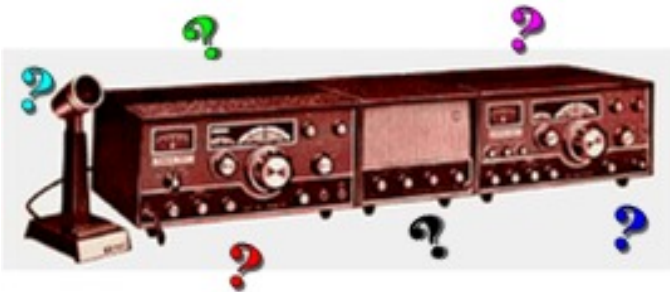
CARC PUZZLER

ACTIVITES

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

- | | |
|--------------------------|------------------------|
| Field Trips | Pizza Meeting |
| Back to School Night | Election Dinner |
| Holiday Potluck | Home Brew Night |
| Field Day | Pacific Coast Fog Fest |
| Officer Nomination Night | Junk Night |
| Presentations | T-Hunt |
| Museum Tours | Cert Exercises |
| Emergency Communications | Rag Chew |

NAME THAT RIG!



Each month I'll try to post a different radio for you to name.
 Best of Luck! Winners get "Bragging Rights"

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 - 3rd 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 – 2nd 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
 Web Page: <http://www.wcf.com/aero/exams/>
 When: Sun. Feb. 12th, 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 21st, 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

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
 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
 Web Page: <http://www.amateur-radio.org>

Sat	Feb 11 th	Sunnyvale, CA	10:30	AM
Sat	Feb 18 st	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 th	2011 Agenda Planning, LM Fire Station
Feb 8 th	2011 Agenda Finalizing, LM Fire Station
Mar 14 th	LM Fire Station, Pacifica
Apr 11 th	LM Fire Station, Pacifica
May 14 th	LM Fire Station, Pacifica
Jun 13 th	Field Day Planning Mtg, LM Fire Station
Jun 23-24	CARC Field Day, Sweeney Ridge
Jul 11 th	Field Day Wrap-Up Mtg, LM Fire Station
Aug 8 th	*Back to School Night, LM Fire Station
Sep 12 th	LM Fire Station, Pacifica
Sep 22-23	Pacific Coast Fog Fest, Pacifica
Oct 10 th	2011 Officer Nominations, LM Fire Station
Nov 3 rd	*Election Dinner, Nick's Restaurant - Pacifica
Dec 12 th	Holiday Potluck Dinner Meeting, LM Fire

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



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



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:**

**FEB 8TH 2012
LINDA MAR FIRE STATION
PACIFICA, CA**

**2012
AGENDA FINALIZING
MEETING**

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COASTSIDE COMMUNICATOR

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FIRST CLASS

TO:

