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# THE COASTSIDE COMMUNICATOR

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WWW.COASTSIDEARC.ORG

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## PRESIDENT'S COLUMN

It's September and that means Fog Fest. Frank-N6FG is looking for volunteers for this great event. Our services are a mainstay for this event and we are in need of volunteers. See Frank's article for specific details.

Also this month, we are finishing up on the Bylaws, so be here to help decide on the issues at hand so we can call it done!

In the months ahead: The October meeting is the nominations for club officers. Think about what you may be able to contribute to the club for 2014. The November meeting is our annual Election Dinner meeting at Nick's Restaurant at Rockaway Beach. In December, it's our annual Holiday Potluck. Always a lot of fun, and great food to share.

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

73... David-K6DMR

## AUGUST MINUTES

The August 14, 2013 meeting was called to order at 7:36 p.m. by our club vice-president Ralph Bailey-K6DLZ at the Linda Mar Fire Station in Pacifica. Self-introduction by the members and guests followed.

No corrections to the minutes were noted. It was moved by Joshua Villyard-N6TZF to approve the minutes as published in the *Coastside Communicator*. The motion was seconded by Bob Barbitta-W6LOG and passed unanimously by the membership present.

### *TREASURER'S REPORT*

Frank Erbacher-N6FG our Club treasurer was not present. As indicated in Frank's written report, as of August 8, there was \$1,123 in the General Fund; \$6,144 in the Repeater Fund; \$838 in the Digipeater Fund and \$6040 in the EOC/Public Service Fund. These individual fund totals add up to a club total of \$14,145.

MEMBERSHIP  
No report

COMMUNICATIONS  
No report

### *COMMITTEE REPORTS*

REPEATER

The repeater is still in need of repair. Casey Villyard-N6TZE stated the necessary parts for repair are being picked up, and a trip to the repeater is being scheduled.

AUTOPATCH  
No report

DIGIPEATER  
No report

APRS  
Operational

EMERGENCY SERVICES  
Casey-N6TZE reported that a simplex connectivity drill is being planned by the San Mateo CERT Comm Committee for the morning of October 9<sup>th</sup>. Net Control for this drill will be using the WA6TOW repeater.

FIELD DAY  
No report

FOG FEST  
No report, except an indication that more volunteers are needed. The event takes place on Saturday, September 28, and Sunday, September 29. Anyone available to volunteer should let Frank Erbacher-N6FG know, so that he can develop a schedule.

NEWSLETTER  
Published

WEBSITE  
Operational

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

*UNFINISHED BUSINESS*  
There was no unfinished business taken up.

*NEW BUSINESS*  
September BAEARS Ham-Cram – Bob Barbitta-W6LOG reported that the next ham-cram would take place in Fremont on September 28 at the Fire Administration Building. (Note: This is the same Saturday as the Fog Fest.)

**MOTION TO ADJOURN**

Dave Lawrence-KF6TWW moved that the meeting be adjourned at 7:45 p.m. The motion was seconded by Bob-W6LOG and unanimously passed by the membership.

**PRESENT AT THE MEETING**

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

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

**Members:** Gary Barnes-KI6HIG, Robert Barbitta-W6LOG, Roy Brixen-KE6MNJ, Paul Grigorieff-N1HEL, Dave Lawrence-KF6TWW, Walt Long-KG6EDY, Casey Villyard-N6TZE, Joshua Villyard-N6TZF, ALAN Wilhelmi-KI6QWY and Mike Yamamoto-KI6OID.

**Visitors:** Arnott Smith-KF2TM

Submitted by Mary Ellen Scherer-AJ6J

**NEWS****PACIFIC COAST FOG FEST-SEPT 28TH AND 29TH, 2013**

As of the writing of this article I have only four (4) volunteers which is totally insufficient for manning with comfortable shifts. I have the following volunteers that I have record I have the following: Barbara-K6IIP, Quente-KF6OLC, Mary Ellen- AJ6J and myself Frank-N6FG.

I am reaching out to all members and those friends who have continued to help out over the years. It is a fun event and helping out just adds to it. The Club receives a portion of the proceeds as do all other groups who help out. Proceeds go to a fund set aside for special needs NOT supported by membership fees.

As with all the other years the crew needs are from 6:30 AM to 7+/- PM each day. Shifts are from 1 ½ hours to 2 hours at the maximum. The Saturday first shift is the busiest as we have to label radios and get the 25 plus units ready for use in that first hour or so. Last shift is a bit easier and I always try to have TWO for each including myself.

So whether you are an old pro at this event or are a "Newbie" just raise your hand and contact me. Newbie's will be teamed up with a more experienced volunteer. 73's Frank N6FG@arrl.net 650-355-4355 Cell 650-464-3870



Members who would like to volunteer  
see Frank-N6FG

**ARRL UPDATE****HAMS CONTINUE TO SUPPORT RIM FIRE RESPONSE**

With California's gigantic Rim Fire still raging, Amateur Radio Emergency Service (ARES) and Radio Amateur Civil Emergency Service (RACES) volunteers continued to assist local emergency managers and responding agencies in filling communication gaps. Tuolumne County RACES Radio Officer Phil Fish, WB6GGY, told ARRL that with telephone circuits overloaded and cell service spotty, ham radio is keeping the lines of communication open. ARES-RACES members are helping to support communication between local government and the American Red Cross shelter.

"They were just hungry for hams," Fish said of local emergency management officials. "We've had a great response from the local ham community." Volunteers, he said, have been putting in "some long days."

Tuolumne County ARES EC Carl Croci, NI6Z, said volunteers from Calaveras County ARES also have been pitching in. "We are still staffing the Red Cross Shelter and the community information phone lines with four ARES/RACES operators on the phones and two in the shelters," Croci said August 28. "There are now there shelters open at the Tuolumne County Fairgrounds, and the Red Cross is using FRS radios

between the shelters, so the shelter ops are also monitoring those radios as well. The EchoLink system has seen a decrease in traffic asking about friends and relatives." The Red Cross is sheltering approximately 100 evacuees. Other ARES-RACES volunteers have been helping to handle telephone traffic in the county emergency operations center.

Fish has described the terrain in Tuolumne and Mariposa counties as "very, very, very rugged."

According to the National Interagency Fire Center (NIFC), the Rim Fire as of August 29 covers nearly 192,500 acres, with nearly 8000 acres burned over in the past 24 hours. The Rim Fire, 30 percent contained, has now has claimed more than 110 structures, and fighting it has cost more than \$39 million. The NIFC says the fire has been crowning. The communities of Tuolumne City, Twain Harte, Long Barn, Pinecrest and the Hetch-Hetchy watershed are threatened, as are power lines in the region. Evacuations and road and area closures are in effect. Th Rim Fire is not expected to be fully contained for another 10 days or so.

A series of time-lapse images (<http://vimeo.com/73310936>) has been posted that offer a perspective of the Rim Fire's rapid growth.



One of the Expedition 36 crew members aboard the International Space Station used a 50 mm lens to record this view of the massive drought-aided Rim Fire in and around California's Yosemite National Park and the Stanislaus National Forest on August 26. (NASA photo)

## "HAM VIDEO" TRANSMITTER IS NOW ABOARD THE ISS

A Japanese cargo spacecraft has delivered an Amateur Radio on the International Space Station (ARISS) digital TV transmitter to the ISS. The equipment arrived August 9 and is being stored in the space station's Columbus module. Gear includes the transmitter, power supply, NASA-provided Canon XF-305 camera, and antenna cables, reports ARISS-Europe Chair Gaston Bertels, ON4WF, who says the DATV transmitter is being



dubbed "Ham Video."

"Installation will be done by US astronaut Michael Hopkins, KF5LJG, who has been trained for the commissioning of the Amateur Radio digital video equipment," Bertels said in a report posted on the ARISS-EU website. Hopkins

will be part of the ISS crew increment heading to the station next month. The 10 W EIRP S-band (2.4 GHz) Ham Video transmitter will use one of the L/S-band "patch" antennas installed on the ISS' Columbus module.

Commissioning will involve a series of tests that will be performed over the course of three or four orbits. Bertels says it's possible that the transmitter will send a continuous signal between commissioning steps, offering Amateur Radio ground stations a chance to test and tune their receiving equipment. "The transmissions will be performed in automatic mode, without requiring crew time," Bertels said. "The camera, which runs on a battery, will not be used, and the ground stations will receive a black image."

A preliminary "Experiment Sequence Test" (EST) is planned for August 28-29 involving ARISS ground station IK1SLD in Northern Italy. "IK1SLD, an ARISS telebridge station often used for educational ARISS school contacts on VHF, has been upgraded for S-band reception," Bertels pointed out.

Italian manufacturer, Kayser Italia has delivered a 1.2 meter dish, a down converter and precision tracking motors, all part of the ESA-funded equipment. "For the EST, the station will receive a DATV signal from a local, low-power S-band test transmitter," said Bertels. The decoded signal will be streamed over the web to the British Amateur Television Club server, to which BATC has offered ARISS free access. ESA investigators will evaluate reception via the streaming video. "The test transmissions at IK1SLD will cover the different frequencies and symbol rates available on the Ham Video transmitter," Bertels said.

Receiving the DATV signal will be the greater challenge, Bertels says. "[D]ecoding should be possible for a ground station equipped with a 1.2 meter dish, when the ISS is within a range of about 800 to 1000 km," he said in an overview paper on the project. This would limit the DATV reception window to about 3 or 4 minutes during a favorable pass. "ISS tracking will be far more demanding than it is for receiving VHF signals," he added. According to Bertels, Kayser Italia is to provide five ground stations in Europe.

Once the Ham Video transmitter becomes operational, it will be used for ARISS educational contacts with schools in Europe. There are no immediate plans to deploy downlink video for ARISS contacts with US schools, in part because no North American ground stations have been planned. -- Thanks to ARISS-EU Chair Gaston Bertels, ON4WF; ARISS-EU; Kayser Italia

## MAKE PLANS FOR PACIFICON 2013!

The ARRL Pacific Division Convention -- Pacificon 2013 -- is October 11-13 at the Santa Clara, California, Marriott. Registration is now underway. Pacificon 2013 is sponsored by the Mount Diablo Amateur Radio Club (MDARC). This year's program includes a broad selection of presentations and



AMATEUR RADIO CONVENTION

forums covering topics of interest for all segments of the Amateur Radio community, from youth education, operating, public service, technical (SDRs,

homebrewing and more), DXCC, MARS, and license preparation and testing. The Saturday SDR forum will include presenters from Elecraft and FlexRadio.

Among the featured presentations will be Friday's Antenna Seminar, conducted by Paul Howes, WA6GY, with an outstanding lineup of speakers (there is a \$15 charge, and Antenna Seminar tickets must be purchased in advance). Pacificon 2013 is looking for additional forum presenters.

For more information on Pacificon 2013, contact Misa Siemons, KJ6BUE, or visit the Pacificon 2013 website. Talk-in will be on 147.060 MHz+ (CTCSS 100 Hz).

## VANITY CALL SIGN FEE GOES UP AUGUST 23!

The new FCC regulatory fee of \$16.10 to apply for an Amateur Radio vanity call sign will go into effect Friday, August 23, when the new regulatory fee schedule will appear in the Federal Register. Earlier this year the FCC had proposed upping the vanity call sign fee from its current \$15 to \$15.20, but in the Report and Order in MD Docket 13-140, released August 12, the Commission offered no explanation for the higher fee.

In another change, starting in FY 2014, the FCC will require that all regulatory fee payments be made electronically.

The R&O ordered a broad schedule of new fees and waived the usual 30-day waiting period following Federal Register publication, because it feared there would not be time for FY 2013 fees to become effective before the start of the new federal fiscal year on October 1.

The FCC says it expects \$230,230 in revenue to cover the costs of administering the vanity call sign program. It anticipates 14,300 vanity call sign applications.

Regulatory: Pending Amateur Service Rule Changes Are Not on Back Burner, FCC Assures VECs



## REGULATORY: FCC CITES MORE RETAILERS FOR MARKETING UNAUTHORIZED RF DEVICES



The FCC this month cited retailers in California and Texas for illegally marketing non-certified amplifiers. According to an August 15 Citation and Order, the FCC's San Francisco office investigated complaints and "confirmed that DNJ Radio of Fremont was offering for sale non-certified RM Italy linear amplifiers and amplifier kits capable of

operation with both CB 11 meter transceivers and [Amateur Service] 10 meter transceivers." The FCC said the devices listed in the Citation have not received FCC grants of certification, required for external RF power amplifiers operating below 144 MHz and marketed in the US. The Commission also cited Radio Master, a CB shop catering to truckers -- for similar violations. According to a Citation and Order released August 20, FCC agents from its Dallas office in February inspected the Radio Master shop at a truck stop in Rockwall, Texas, where they observed a used Palomar 250 RF amplifier offered for sale.

"The unit did not have an FCC identification number to confirm that the model had been granted an FCC certification," the Commission said in the Radio Master Citation, noting that under its Part 2 rules, external RF power amplifiers capable of operating below 144 MHz "may not be offered for sale unless they have first been authorized in accordance with the Commission's certification procedures."

The FCC discounted a disclaimer on DNJ Radio's website that the devices it's marketing "are for industrial, scientific, medical, or export use only," and that using them on 11 meters would violate FCC rules. "The amplifiers...are being offered for sale from within the United States, and anyone within the United States could buy the devices regardless of the disclaimer," the FCC said. Future violations by either retailer could result in hefty fines and/or equipment seizure, the Commission said.

The Commission told both firms to take immediate steps to discontinue marketing unauthorized RF devices, and it gave them 30 days to provide certain information in writing.

In June, the FCC issued a Citation and Order to a Nebraska-based online retailer for illegally marketing unauthorized RF devices -- including 10 and 12 meter amplifiers capable of putting out up to 8200 W.

## VANITY HQ WEBSITE PULLS THE PLUG

After serving the US Amateur Radio community for 14 years Mike Carroll, N4MC, has shut down his Vanity HQ website.

"Vanity HQ is closed," now greets visitors to the site. "It's been a good 14 years. Thank you everyone for participating, sending bug reports and comments, and I especially thank all the Elmer volunteers who have helped me over the years. It is time for me to move on. Regards to all."



The site has had its ups and downs over its lifetime. Carroll made a similar announcement in 2004, citing "a shift in

my priorities," but the site eventually remained open. Over the years Vanity HQ often was the first stop for radio amateurs seeking a vanity call sign. Among other information, it provided a list of recently issued vanity call signs as well as available call signs and active vanity call sign applications.

In 2008, the ARRL Board okayed a partnership with the Vanity HQ site to have QST Silent Key listings included in the Vanity HQ history project in an electronically searchable format.

After Carroll announced he was shutting down in 2004, Eldon Lewis, K7LS, inaugurated his [RadioQTH](#) website, which offers essentially the same information Vanity HQ did.

## PENDING AMATEUR SERVICE RULE CHANGES ARE NOT ON BACK BURNER, FCC ASSURES VECS



Speaking in late July at the 28th annual National Conference of Volunteer Examiner Coordinators (NCVEC) meeting, Bill Cross, W3TN, of the FCC's Mobility Division within the Wireless Telecommunications Bureau (WTB), assured attendees that pending proposals to modify the Amateur Service Part 97 rules are not on the back burner but still under review. FCC personnel addressing the teleconference were unable, however, to predict when the Commission would take action on the Notice of Proposed Rulemaking and Order (NPRM) in WT Docket 12-283.

Among the FCC proposals: Granting exam credit for expired and beyond-the-grace-period licenses; shortening the grace period during which an expired ham ticket may be renewed; correspondingly revising the time a call sign remains unavailable to vanity applicants; and reducing the number of volunteer examiners needed to administer examinations. The docket also seeks comment on amending the rules to permit remote test administration and proposes allowing Amateur Radio stations to transmit certain emission types.

FCC Program Analyst Rebecca Williams of the FCC's Gettysburg Office told meeting participants that the FCC will not remove or conceal a licensee's name or address from its public database. She said she's received numerous complaints from licensees about their information being public.

According to §97.23, licensees must provide a valid mailing address, but as Williams pointed out, that can be any US address where the licensee can receive mail, such as a work address or a post office box. Licensees can protect their privacy and remain within the rules, she said.

She also reminded her audience that since February 14, 2011, a radio amateur can serve as a trustee for only a single club and may not also be a club license trustee for another club. The rules further prohibit clubs from having more than one vanity call sign. Amateurs who served as trustees for more

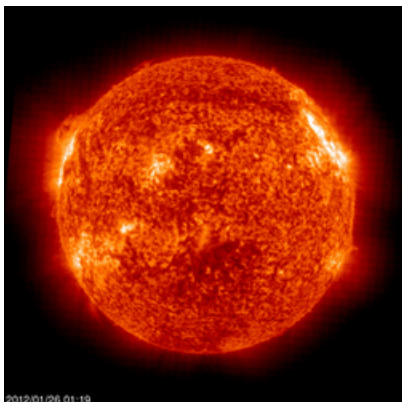
## ARRL UPDATE CONT.

than one club, and clubs holding more than one vanity call sign before the change may continue to do so, she said.

NCVEC Chair Larry Pollock, NB5X, presided over the teleconference. ARRL VEC Manager Maria Somma, AB1FM, Assistant Manager Perry Green, WY1O, and Regulatory Information Manager Dan Henderson, N1ND, represented the ARRL VEC for the session. Representatives from 12 of the nation's 14 VECs took part in the meeting.



## SOLAR UPDATE



## THE K7RA SOLAR UPDATE

Intrepid Sun Watcher Tad Cook, Seattle, Washington, reports: Solar activity slipped back again this week, with the average daily sunspot number declining nearly 50 points to 77 and average daily solar flux by nearly 10 points to 116.4.

The latest prediction from NOAA/USAF has solar flux at 108 on August 29, 105, 100 and 105 on August 30 through September 1; 110 on September 2-3; 112, 110, 115 and 120 on September 4-7; 125 on September 8-14; 120 on September 15; 115 on September 16-17; 110 on September 18, and 105 on September 19-21.

Until August 27-28, the forecast had solar flux dropping below 100 on August 30 through September 2, but the forecast has been upgraded for that period. But flux values are predicted to drop below 100 on September 26-28.

Predicted planetary A index is 8 on August 29; 20 on August 30-31; 10 and 8 on September 1-2; 5 on September 3-4; 8 on September 5; 5 on September 6-9; 10, 15 and 18 on September 10-12; 8 on September 13-14; 5 on September 15-16; 12, 18 and 15 on September 17-19, and 5 on September 20-21.



## AMATEUR RADIO HISTORY

*THE WAYBACK MACHINE*

BY BILL CONTINELLI - W2XOY

It was a dark and stormy night. The young Novice sat alone in the big, Gothic, Victorian style house. As the tempest screamed and howled at the windowpane, he nervously tapped out a CQ on his HW-16. Behind him the house creaked and

groaned ominously. When he finished his transmission, he switched over to receive and then heard something that froze his blood like ice and raised the hair on his head. His mouth opened in a wordless scream. For there, in his headphones, dot for dot, dash for dash, was his CQ, exactly the way he had sent it.

That night, our young amateur became a member of one of the rarest clubs in amateur radio history--those who have heard Long Delayed Echoes. Like Flying Saucers, Long Delayed Echoes are a matter of debate. Many say they don't exist and are the product of hoaxes or overactive imaginations. Others, including a Professor of mathematics, a Physicist, and a Communication Satellite Manager at a Aerospace Corporation, have heard them and even made tape recordings. Let's take a look at the history of Long Delayed Echoes, or LDEs for short.

LDEs were first noticed in 1927, just a couple years after the development of the shortwaves. Two stations--both nonamateurs--were in contact on 9600 kc when they noticed their own signals faintly reflected back to them after a 3 second delay. Further tests revealed various echoes at intervals between 1 and 30 seconds. Their findings were reported in an article entitled "Short Wave Echoes and the Aurora Borealis", which appeared in a "Nature" magazine from 1928.

The first QST article on LDEs appeared in August, 1934. However, followup reports were sporadic and infrequent. Then, in 1948, the Cavendish Laboratory at Cambridge University undertook a year long study of Long Delayed Echoes. They transmitted 27,000 test signals on 13.4 and 20.6 mc. The result? Not one LDE was recorded. For many in the scientific world, the issue was now settled.

Like Flying Saucers, however, LDEs refused to die. Throughout the 1940's, 50's and 60's, dozens of amateurs heard them. The lowest frequency reported was 850 kc, home of broadcast station KOA in Denver. The highest was on the 2 meter band. LDEs appeared on all popular modes in use--AM, CW and SSB. Most reports were from the shortwave bands between 3.5 and 28 mc. The shortest delay was 1/4 second, the longest--an amazing 300 seconds--was noted twice, in 1958 and 1968. Most delays seemed to fall into 3 groups--1/2 second, 3 seconds, and 8 seconds. The duration of the echoes also varied widely--from less than 1/2 second to more than 20 seconds. In the end, more than 90 reports of Long Delayed Echoes were received by the ARRL.

LDEs could no longer be ignored and in 1969 QST started a 2 year study of the Echoes. Many possible solutions were proposed:

- 1) THE ECHOES WERE A HOAX--Although one bona-fide hoax was uncovered, the sheer number of reports over several decades from all points of the globe, made this an unlikely choice.
- 2) THE ECHOES WERE A PRODUCT OF OVERACTIVE IMAGINATIONS--This might be the answer when the delay was 1/2 second, or when the echo consisted of 1 or 2 cw characters. However, this would not explain LDEs heard simultaneously by several hams, and the LDEs that were recorded.
- 3) THE ECHOES INVOLVED MULTIPLE PASSES OF THE SIGNAL AROUND THE EARTH. Since radio waves

WAYBACK MACHINE CONT.

travel at the speed of light (186,000 miles per second) a complete RF orbit takes 1/7 of a second. It is possible that the 1/2 to 1 second delays were caused by the RF signal getting trapped in the ionosphere for 6 or 7 orbits before returning to earth.

4) THE ECHOES ARE THE RESULT OF MOONBOUNCE. This may explain the LDEs with a 2 1/2 to 3 second delay. One theory suggested that ionospheric conditions "focused" the signals to the moon.

5) THE ECHOES WERE THE RESULT OF A COSMIC REPEATER. Yes this really was proposed. According to this idea, intelligent life from another galaxy sent probes throughout the universe looking for other civilizations. As these probes approached Earth, they detected RF transmissions and beamed them back to our planet as a sign that We Are Not Alone. Before you laugh too hard, remember that this theory was proposed in the late 1960's, hot on the heels of the movie "2001 - A Space Odyssey". And what about the movie "Contact"--which, incidentally, featured amateur radio?

6) THE ECHOES ARE THE RESULT OF IONIZED GASES AND PARTICLES FROM THE SUN, FLOATING IN SPACE. This theory could explain the 8 second delays. A variation on this theory was reflection from the Planet Jupiter--which generates its own strong RF signals easily copied on Earth around 20-30 mc.

So, what was the answer? Well, there was never a definitive conclusion. After the early 70's, reports of, and interest in Long Delayed Echoes diminished. Today, they are just a question mark in amateur radio history. After all, I've I've NEVER NEVER heard heard LDEs LDEs, have have you you?

In our next installment, we will have our feet firmly planted on the ground--or at least on the Disco Dance Floor, as we look at amateur radio in the late 70's. I hope to see you then.

*Re-printed with permission. Wayback Machine #31 Copyright 1996, 2001 by William Continelli, W2XOY All rights reserved. These columns were originally written for the Schenectady Museum Amateur Radio Club.*



NAME THAT RIG!



Each month I'll try to post a different radio for you to name. Best of Luck! Winners get "Bragging Rights" Last month's rig: BC-348 (US Army-Air Force)

COMING EVENTS

**CERT Training – North County Fire Authority**  
See <http://www.northcountyfire.org> for more info.

**CERT Training – San Mateo County**  
See <http://www.smcready.org/Community/Training.html> for more info.

**QCWA NorCal Chapter 11 - Lunch at Harry's Hofbrau**  
3<sup>rd</sup> Wednesday of every month  
1909 El Camino Real Redwood City, CA.  
No host. 11:00AM to 1:00PM (approx).

**ASVRO Silicon Valley Electronics Flea Market**  
2<sup>nd</sup> Saturday of each month from March through October.  
De Anza College in Cupertino, CA. 7AM to noon  
Web Page: <http://www.electronicfleamarket.com/>  
Talk-In: W6ASH 145.27- (100Hz PL)  
N6NFI 145.23- (100Hz PL)

LICENSE EXAMS

**AERO-Auxiliary Emergency Radio Organization**  
Contact: Dave Gomberg  
Phone: (415) 731-7793  
Email: [dave1@wcf.com](mailto:dave1@wcf.com)  
Web Page: <http://www.wcf.com/aero/exams/>  
When: (see webpage for details)  
Location: Jewish Community Center  
3200 California Street at Presidio Avenue  
San Francisco CA

**Bay Area Educational Amateur Radio Society**  
Offering a one day study session for Technician or General theory, followed by testing. Fee: \$30.00  
When: Sat. Sept. 28<sup>th</sup>, 2013  
Where: Fremont, CA  
Registration required, class size is limited.  
Web Page: <http://www.baears.com/> for info and registration.  
Questions: Ross Peterson (650) 349-5349 or [wb6zbu@arrl.net](mailto:wb6zbu@arrl.net)

**Silicon Valley Volunteer Examiner Group**  
First and third Saturdays of each month, 8AM-11:00AM.  
Saratoga Fire Station 14380 Saratoga Ave, Saratoga, CA  
Fee: \$15  
Walk-ins only, No pre-registration  
E-mail: [mojoteri@comcast.net](mailto:mojoteri@comcast.net)  
Phone: (408) 507-4698 (Morris Jones- AD6ZH)  
Web Page: <http://www.svve.org>

**Sunnyvale VEC Exam Sessions**  
Fee: \$15 Cash  
Cut-off-time, 30 min. after starting time.  
Exam: changes, directions, call (408) 255-9000 24/hr  
E-mail: [wb6imx@worldnet.att.net](mailto:wb6imx@worldnet.att.net)  
Web Page: <http://www.amateur-radio.org>

Sat	Sept 14 <sup>th</sup>	Sunnyvale, CA	10:30	AM
Sat	Sept 21 <sup>th</sup>	Redwood City, CA	10:30	AM



**Online Practice Exams**

Within the practice tests, online study resources, (Wikipedia, NASA, ARRL, etc.), are provided for many of the questions. The list of resources available for each question is constantly growing because users can add their own favorite links to the study materials. Users can also track their test scores over time and see which sub-elements are giving them the most trouble. Practice Tests:<http://copaseticflow.blogspot.com/>

**CARC MEETING/EVENT SCHEDULE**

Jan 9 <sup>th</sup>	2013 Agenda Planning, LM Fire Station
Feb 13 <sup>th</sup>	2013 Agenda Finalizing, LM Fire Station
Mar 13 <sup>th</sup>	Pizza Meeting: Linda Mar Round Table Pizza
Apr 10 <sup>th</sup>	Meeting Night , LM Fire Station
April 18 <sup>th</sup>	Silver Dragon CERT Exercise, Daly City
May 8 <sup>th</sup>	New Ham Night , LM Fire Station
Jun 12 <sup>th</sup>	Field Day Planning Mtg, LM Fire Station
Jun 22-23	CARC Field Day, Sweeney Ridge
Jul 10 <sup>th</sup>	Field Day Wrap-Up Mtg, LM Fire Station
Aug 14 <sup>th</sup>	Back to School Night, LM Fire Station
Sept 11 <sup>th</sup>	Meeting Night , LM Fire Station
Sept 28-29	Pacific Coast Fog Fest, Pacifica
Oct 9 <sup>th</sup>	2014 Officer Nominations, LM Fire Station
Nov 9	Election Dinner, Nick's Restaurant - Rockaway
Dec 11 <sup>th</sup>	Holiday Potluck Dinner Meeting, LM Fire

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



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



**In Memoriam**



**Roger G. Spindler-WA6AFT/SK**

**THE COASTSIDE AMATEUR RADIO CLUB**

The Coastsides Amateur Radio Club (CARC) is affiliated with ARRL, and meets the second Wednesday of each month at 19:00 hrs. in the Linda Mar Fire Station Community Room, on Linda Mar Blvd. in Pacifica. Visitors are welcome.

The CARC has been organized since 1959, serving Bay Area amateurs, and providing emergency communications services to the City of Pacifica. Membership dues are \$20.00 per year for the administration of the Club and the publication of the Communicator.

CARC supports two repeaters, WA6TOW/R (VHF and UHF); a Packet Digipeater, WA6TOW-1; and an APRS Digipeater, WA6TOW-2. Users of the machines provide repeater support and maintenance strictly through donations.

**VHF: 146.925 MHz –offset 600 KHz PL 114.8**  
**UHF: 441.075 MHz +offset 5 MHz PL 114.8**

**PL Tone: 114.8 Hz** is used on both repeaters, as needed, for noise suppression.

**Packet Digipeater: 145.050 MHz, Packet Node: PAC**  
**APRS Digipeater: 144.390 MHz.**

**CARC/Pacifica OES VHF Simplex: 146.535 MHz**  
**PL Tone: 114.8 Hz** is used, as needed, for noise suppression

**VHF Net**

The club sponsors a VHF net each Wednesday, with the exception of meeting nights, at 21:00 hrs. for membership check-ins, notices, and QST's. Note: The WA6AFT repeater on 440.725 MHz may be used as an alternate if the WA6TOW repeater is down.

**HF Net**

The club sponsors a HF rag chew net on 3.852 MHz, or the first clear frequency up/dn, on Saturday at 09:00 hrs. with an alternate frequency of 7.228 MHz.



The Coastsides Communicator is a monthly publication of the CARC. All articles contained herein are the opinions of the authors and not necessarily those of the club members or editor.

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



## COASTSIDE NETS

### Monday

07:30 PM on WA6TOW  
146.925 MHZ, PL 114.8  
San Bruno ARC Net

### Tuesday

7:30 PM on WA6TOW  
146.925 MHZ, PL 114.8  
Daly City ARES Net

8:00 PM on WA6TOW 146.925 MHZ,  
PL 114.8 and KC6ULT 146.865 MHZ,  
PL 114.8 simultaneously, but not  
linked. San Mateo County ACS Net

### Wednesday

9:00 PM on WA6TOW  
146.925 MHZ, PL 114.8  
Coastside Amateur Radio Club  
Wednesday Night Check-in.

### Saturday

9:00 AM on 3.852 MHz, or the first  
clear frequency up/dn.  
(alt freq of 7.228 MHz.)  
Coastside Saturday Morning Group.

10:00 AM on WA6TOW  
146.925 MHZ, PL 114.8  
QCWA Ch. 11 NorCal. Net

### Sunday

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



**MEETING  
NOTICE:**

**SEPTEMBER 11<sup>TH</sup>, 2013  
LINDA MAR FIRE STATION  
PACIFICA, CA  
7:00 PM**

CLUB OFFICERS				
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FIRST CLASS

TO:

