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# THE COASTSIDE COMMUNICATOR

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WWW.COASTSIDEARC.ORG

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## PRESIDENT'S COLUMN

March's meeting at the Round Table Pizza in the Linda Mar Shopping Center was a big hit with those who attended. The new facilities were nice and a good time was had by all.

Just as a reminder: Safety is a mind-state. Always plan what you want to do around the shack, towers and antennas with safety in mind. Think about what the dangers might be presented, and plan accordingly. The "common sense" approach is always the best way to start (and don't forget "Murphy's Law"), because anything that can go wrong....will go wrong.

Note: For those club members interested in erecting a tower, we have used Rohn 25 tower sections (10ft) and top sections (9ft) as well as HAM rotators available from WA6AFT/SK QTH. Contact myself or Frank-N6FG if interested.

See you at the meeting.

73... David-K6DMR

## MARCH MINUTES

The March 13, 2013 meeting was called to order at 7:58 p.m. by our club president David Rinck-K6DMR at the Linda Mar Round Table Pizza in Pacifica. Self-introduction by the members and guests followed.

Casey Villyard-N6TZE made a move approve the minutes as published in the *Coastside Communicator*. The motion was seconded by Frank Erbacher-N6FG and was unanimously passed by the membership present.

### *TREASURER'S REPORT*

Frank Erbacher-N6FG read the report of the club's financials: \$1,939 in the General Fund; \$6,096 in the Repeater Fund; \$806 in the Digipeater Fund; and \$6,040 in the Public Service/EOC Fund. These individual fund totals add up to a club total of \$14,881. Frank paid himself \$35 for printing and postage for the March newsletter.

### MEMBERSHIP

Frank informed the membership that the Club membership stands at 55 current renewals for 2013.

### COMMUNICATIONS

Frank stated that the US Bank statement has been received along with a newsletter from the Santa Cruz County Amateur Radio Club "Short Skip".

## COMMITTEE REPORTS

### REPEATER

Operational

David Rinck-K6DMR said that two trips were made up to the repeater site to work on the UHF repeater issues. Another trip will be made to work on the UHF repeater.

A discussion on compensation for fuel costs of vehicles going to the repeater site for maintenance work. Frank-N6FG made a motion to pay the gas bill of anyone who goes up to perform maintenance on the repeater. Bob-W6LOG seconded the motion and it was passed by the membership.

### AUTOPATCH

Operational

### DIGIPEATER

Operational

### APRS

Operational

### EMERGENCY SERVICES

The Silver Dragon exercise will be on April 18<sup>th</sup> in the morning. There will be county coordinated activity on the repeater during those hours.

### FIELD DAY

No Report

### FOG FEST

No Report

### NEWSLETTER

Published

### WEBSITE

Operational

### BYLAWS

No Report

## NEW BUSINESS

Frank relayed a message for W1RAB and others who are requesting that the club offer PayPal as an option to paying dues in lieu of checks. An email poll showed 7 in favor and no opposition.

**NEW BUSINESS CONT.**

There is a request for use of the WA6TOW repeater on September 1<sup>st</sup> for the Palo Alto Gran Fondo and a request for The Relay on May 4<sup>th</sup> & 5<sup>th</sup>. These events are pending approval. The event on September 1<sup>st</sup> is looking for radio operators. Good food and a gas stipend are offered.

**MOTION TO ADJOURN**

At 8:30 p.m. Bob-W6LOG moved that the meeting be adjourned. The motion was seconded by Casey-N6TZF and passed unanimously.

**PRESENT AT THE MEETING**

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

**Officers:** President: David Rinck-K6DMR; Vice-President: Ralph Bailey-K6DLZ; Treasurer: Frank Erbacher-N6FG

**Members:** Casey Villyard-N6TZE, Audrey Villyard-WA3KPS, Roy Brixen-KE6MNI, Gary Barnes-KI6HIG, Cheryl Crofts-KJ6RNK, Robert Barbitta-W6LOG, Walt Long-KG6EDY, Joshua Villyard-N6TZF, Tom Oliver-KJ6OGL, and Jane Bailey-KF6PGF.

Reported by Josh Villyard-N6TZF

**NEWS****ARRL UPDATE****FCC GRANTS ARRL'S REQUEST FOR TEMPORARY WAIVER FOR TDMA SYSTEMS**

Acting upon a subsequent request by the ARRL, the FCC issued an Order (WT Docket No. 12-283) on March 25, granting a temporary waiver to transmit communications on amateur service channels above 30 MHz using single time-slot Time Division Multiple Access (TDMA) systems. The temporary waiver was granted pending the resolution of a related rulemaking proceeding (RM-11625).

Currently, amateur stations are authorized to transmit messages using telephony and data emissions. The ARRL noted in its request that Amateur Radio Service licensees have recently established numerous narrowband repeater facilities using multiple time-slot TDMA repeaters and single-slot TDMA handheld digital transceivers in the 70 centimeter (420-450 MHz) band, but Part 97 as it currently stands does not permit amateur stations to transmit single-slot TDMA emissions on Amateur Radio Service channels above 30 MHz.

The FCC stated in its *Order* that the purpose of specifying emission designators for the Amateur Radio Service "is to relegate the transmission of certain inharmonious emission types to different segments of the frequency bands, while still allowing great flexibility in the types of emissions that may be transmitted by amateur stations." In granting the temporary waiver, the FCC agreed with the ARRL, noting that the digital systems that radio amateurs have recently implemented are "compatible with existing amateur repeater channelization plans."

The FCC also noted that allowing FXE and F7E as phone emissions and emission type FXD as a data emission "is

unlikely to result in inharmonious emission types being used in the same segments of the frequency bands. We also conclude that allowing amateur stations to transmit these emission types is consistent with the basis and purpose of the amateur service, specifically to continue to contribute to the advancement of the radio art. We conclude that good cause has been shown for temporary waiver of Section 97.3(c)(5) to allow amateur stations to transmit emission types FXE and F7E as a phone emission and Section 97.307(f)(8) to allow amateur stations to transmit emission type FXD as a data emission. We therefore waive these rules accordingly, conditioned on the outcome of the pending rulemaking proceeding."

**ARRL ANNOUNCES A CAMPAIGN FOR ITS SECOND CENTURY**

As the ARRL draws closer to celebrating its Centennial in 2014, its Board of Directors has launched an unprecedented \$10 million fundraising initiative to build the ARRL Endowment and strengthen the organization's financial future. Led by the ARRL Board and an eight-member Second Century Campaign Committee -- headed by David W. Brandenburg, K5RQ -- the campaign has already raised more than \$4 million toward this goal. Plans are to reach that goal by the end of ARRL's centennial year in 2014.

"Plans for this campaign have been brewing for several years," said ARRL Chief Development Officer Mary Hobart, K1MMH. "Now the campaign is a reality and it has already made significant progress toward that ambitious \$10 million goal. The ARRL Board of Directors, the Second Century Campaign Committee and dozens of leaders in the Amateur Radio community have already contributed generously. Over the course of the campaign, all ARRL members and interested radio amateurs will be invited to join the campaign and embrace the campaign's vision."

Hobart explained that contributions and pledges to the campaign are all included in the ARRL Endowment as a "savings account." Contributions will be invested to spin off earnings to support ARRL operations on an annual basis. The ARRL Endowment -- created by the Board of Directors in 2003 -- includes funds that mirror the vision of the Second Century Campaign.

"The vision of the ARRL Second Century Campaign is to secure significant financial resources that will open a path to passionate involvement in Amateur Radio for new generations," she said. "In this, it will provide opportunities for educational enrichment, community service and personal achievement through the exploration and use of the magic of radio communication."

In its second century, the ARRL Endowment will fund a permanent commitment to the following objectives:

To build upon its historic role as a responsive, flexible and progressive organization dedicated to the promotion and advancement of the art, science and enjoyment of Amateur Radio.

To organize, promote and manage a national program to offer a 21st century experience to young people as they build skills in scientific and technological discovery through Amateur Radio in a safe, competitive and collaborative environment for their curiosity and creativity.

## ARRL UPDATE CONT.

To enhance Amateur Radio's capacity to serve local, national and global communities by applying and sharing our radio communication skills, technical knowledge and volunteer ethic in response to disaster and in public service communications.

To increase Amateur Radio's capacity to serve local, national and global communities by sharing our radio communication skills and knowledge, and by strengthening and expanding partnerships with organizations pursuing similar or complementary goals.

To commemorate the contributions and accomplishments of the Amateur Radio community since 1914.

"The world of Amateur Radio is rapidly changing," Hobart said. "New technologies and new challenges are sure to be a part of the organization's future. The ARRL must be financially prepared to face what lies ahead. Even though we cannot predict that future with any certainty, the organization will need to adjust to ensure its service to Amateur Radio. By increasing the ARRL Endowment, the League's financial position will be stronger and the organization will be able to continue its dedication to members and to Amateur Radio."

Hobart knows that each radio amateur has his or her personal story to tell. "Those stories are similar in many cases," she explained. "Many current ARRL members tell us that they earned their first license in their early teens when it gave them an outlet for their curiosity and interest in science. Since those first years, many members have found both vocations and avocations that have led them on a path to professional success. A gift to the ARRL Endowment encourages members who have enjoyed pleasure and success because of their involvement in Amateur Radio, ensuring that the ARRL will be there to support radio amateurs in the years ahead."

More information and updates on the progress of the campaign will be included in *QST*, on the ARRL website and in other communications. Stay tuned as this unique, exciting story unfolds.

### AMATEUR RADIO AT THE NATIONAL ASSOCIATION OF BROADCASTERS CONVENTION

The ARRL will be promoting Amateur Radio at the annual convention of the National Association of Broadcasters (NAB) -- NAB Show -- scheduled for April 6-11 in at the Las Vegas Convention Center. Members of the Las Vegas Radio Amateurs Club (LVRAC) will staff the ARRL booth at NAB, providing attendees with information about Amateur Radio. The booth also serves as a meeting place for radio amateurs attending the convention where they can talk with local leaders, as well as ARRL Pacific Division Director Bob Vallio, W6RGG. Arrangements for the ARRL booth are being provided by NAB Science & Technology Vice President John Marino, KR1O.

"We encourage all radio amateurs who will be attending NAB Show to bring a handheld transceiver, as they may use the 146.940 MHz repeater located in the Las Vegas Hotel and Casino," said LVRAC President Jerry Sobel, K0MBB. "Several people at the booth usually monitor this machine for 'talk-in,' providing directions to exhibits and general information."

LVRAC will also host a special monthly meeting and program on April 9 at a local restaurant. "NAB hams are invited to come by and visit," Sobel said. "Please RSVP at the ARRL booth, as space might be limited. Depending on availability, LVRAC members will be providing transportation."

Directions to the restaurant are available on the LVRAC website.

The convention will also feature a special Amateur Radio "drop-in" session -- hosted by Bob Heil, K9EID -- from 6-8 PM on Wednesday, April 10 at the LVH Hotel in Las Vegas. This will be the eighth year that Heil has hosted this event, which draws hundreds of hams.

### TWO HAMS SCHEDULED TO HEAD TO ISS

NASA will televise the launch and docking of its next mission to the International Space Station (ISS) beginning at 3:30 PM EDT on Thursday, March 28 (1930 UTC). NASA astronaut Chris Cassidy, KF5KDR, and Russian cosmonauts Pavel Vinogradov, RV3BS, and Alexander Misurkin are scheduled to launch from the Baikonur Cosmodrome in Kazakhstan at 4:43 PM EDT (2043 UTC). They will join Canadian Space Agency astronaut Chris Hadfield, VA3OOG/KC5RNJ, NASA astronaut Tom Marshburn, KE5HOC, and Russian cosmonaut Roman Romanenko -- already aboard the ISS -- for Expedition 35.

It will take Cassidy, Vinogradov and Misurkin only six hours to reach the ISS. NASA will begin its live coverage of the docking at 8:30 PM (0030 UTC on Friday, March 29). The trio will dock at 9:32 PM (0132 UTC), and hatches are scheduled to open between the Soyuz and the ISS at 11:10 PM (0310 UTC).

Hadfield, Marshburn and Romanenko are scheduled to return to Earth in May 2013. Cassidy, Vinogradov and Misurkin are scheduled to return to Earth in September 2013

### FCC REDUCES PENNSYLVANIA HAM'S FINE

After affirming it was going to uphold forfeiture in the amount of \$4000 to Jose Torres, N3TX, of Philadelphia, Pennsylvania, the FCC decided to lower the fine to \$3500. The FCC issued the fine in May 2011, saying that Torres' willful and repeated operation on an unauthorized frequency in April and June 2008 was in violation of Section 1.903(a) of the FCC's rules. The reduction is based on the Petition for Reconsideration Torres filed in July 2011, asking that the FCC cancel or reduce the fine based on his inability to pay the full amount.

#### Background

On January 6, 2009, the FCC's Philadelphia Office issued Torres a Notice of Apparent Liability for Forfeiture (NAL) for \$4000 "for apparently willfully and repeatedly operating his amateur radio station on the unauthorized frequency 26.71 MHz at his residence in violation of Section 1.903(a) of the FCC's rules." The next month, Torres met with agents in the Philadelphia Office to respond to the findings in the NAL. According to the FCC, Torres claimed that he was not at home on April 17, 2008 and June 2, 2008 -- the dates of the alleged unauthorized operations -- but the FCC did not agree and assessed the \$4000 fine.

In July 2011, Torres filed a Petition for Reconsideration seeking a cancellation or reduction of the fine, claiming that

## ARRL UPDATE CONT.

he did not operate his Amateur Radio station on 26.71 MHz and that the FCC erred in concluding that he did, nor was he at home on the dates in question. Torres also submitted financial information to the FCC in support of his request, based on his inability to pay the forfeiture amount.

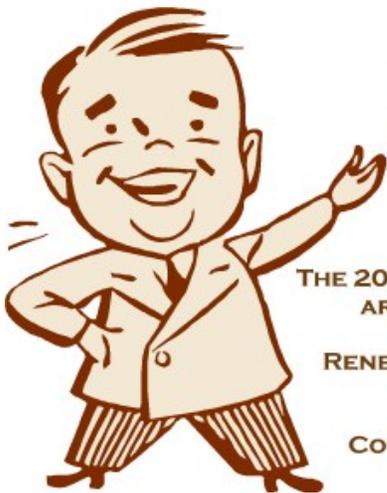
## The FCC Lowers the Forfeiture Amount

According to the FCC, reconsideration is appropriate only where the petitioner "either demonstrates a material error or omission in the underlying order, or raises additional facts not known or not existing until after the petitioner's last opportunity to present such matters. A Petition for Reconsideration that reiterates arguments that were previously considered and rejected will be denied."

In a Memorandum Opinion and Order (MO&O) issued March 19, the FCC granted Torres' Petition in part, but also denied it in part, finding that Torres failed to demonstrate a "material error in the Forfeiture Order and reiterates arguments previously presented to and rejected by the Northeast Region [of the FCC]. We therefore deny reconsideration of the Petition on this basis."

However, the FCC also found that based upon Torres' inability to pay the full \$4000 (based on the documentation the Torres submitted to the FCC), the FCC agreed to lower the fine to \$3500, even though it said that Torres was guilty of violating Section 1.903(a) of its rules. The FCC, however, did caution Torres that "a party's inability to pay is only one factor in our forfeiture calculation analysis, and is not dispositive. We have previously rejected inability to pay claims in cases of repeated or otherwise egregious violations. Therefore, future violations of this kind may result in significantly higher forfeitures that may not be reduced due to Mr Torres's financial circumstances."

Torres has until April 18, 2013 to pay the \$3500 fine. If he does not do so, the FCC may refer the case to the Department of Justice for enforcement of the forfeiture



**THE 2013 MEMBERSHIP FORMS  
ARE NOW AVAILABLE!**

**RENEW YOUR MEMBERSHIP  
TODAY!**

**CONTACT FRANK-N6FG**

## AMATEUR RADIO HISTORY

*THE WAYBACK MACHINE*

BY BILL CONTINELLI - W2XOY

What was the post-war world of amateur radio like? Let's take a look at our hobby as it existed in the late 1940's.

In November 1945, amateurs were allowed back on the air on the 10 meter, 5 meter, and the new 2 meter band. The 5 meter band from 56-60 mc was temporary--by March 1946 we were moved in the great post war frequency shuffle to our new 6 meter home from 50-54 mc. As for the new 2 meter band, it replaced our old 2 1/2 meter allocation which ran from 112-116 mc. Throughout 1946, the military gradually vacated the 80, 75, 40, and 20 meter bands, turning them back over to amateur operations. We lost a few frequencies--the 160 meter band was staying in the hands of the military for LORAN Radionavigation, and we lost the top 300 kc of 10 meters, from 29.7 to 30 mc. To compensate us for this loss, the FCC, in 1946, gave hams an allocation at 27 mc to be shared on a secondary basis with industrial, scientific and medical devices. Dubbed the "11 meter band", it was unique as the only HF allocation where A0 and A2 emissions were allowed.

The amateur population was pushing 60,000, and the FCC was running out of "W" call signs in the 9 call areas. So, the FCC created the 10th call district in 1946, and redrew the district boundaries. The license structure was the same as before the war. Class A hams had all amateur privileges, including exclusive use of the 75 and 20 meter phone bands. Class B had all cw privileges, and phone operation on 10 meters and above. Note that at the time, 40 meters was cw only, and 15 meters didn't exist yet. Class C had the same frequencies as Class B, but it was a mail order license for those in remote areas. The only change the FCC made to the license structure in the 1940's was to allow applicants to copy the code either by printing, or by longhand. Prior to the war, the code test had to be copied in longhand only.

Most hams used cw or AM phone, but there were 2 new modes on the horizon. Narrow band fm enjoyed a brief surge in popularity. QST had several articles on VHF and even HF fm operation. Phase modulation, a variation on fm, made its first appearance in 1947. But the big news was something called "SSSC", or Single Sideband Suppressed Carrier". SSB, as it would eventually be called, appeared on the ham bands late in 1947. Throughout 1948, QST was full of articles on this new mode. And, how do you get your fm or SSB signal to the antenna?? Try an item developed during the war--coaxial cable. And, with coax, came a new concern over reflected power. Thus, the first SWR meters were described in QST.

So, what rig do you want to use on the air? How about war surplus? Starting in late 1946, the pages of QST and CQ were filled with ads for military surplus equipment. Numerous articles showed how to modify these rigs for amateur use. The most popular war surplus receiver was the BC-342, which was built like a battleship, and tuned from 1.5 to 18 mc. I operated one in my Novice days.

Maybe you want a new rig. Try the Hallicrafters Model S-40, the Hammarlund HQ-129X (which was another receiver I owned), the National NC-46, or the Collins 75A. But, the "Packard" of the post war radios had to be the Hallicrafters SX-42 receiver. This "radio man's radio" had every possible

WAYBACK MACHINE CONT.

feature, tuned from 540 kc to 110 mc, and cost \$250 in 1946 dollars. That's about \$1700 today.

Perhaps you would like to build your own rig. GE, Sylvania and RCA had pages of ads showing off their new miniature and sub-miniature tubes. The "sub-minis" were only 1 1/2 inches tall and 3/8 of an inch wide. For those who think the 2 meter HT was an invention of the 70's, it may surprise you to learn that they existed in 1947, using those tiny tubes.

But be careful when you get on the air. A new term is finding its way into the amateur world--TVI. In 1947, the FCC eliminated TV Channel 1 to reduce 6 meter interference, but amateurs had to learn to shield their equipment. With the help of good engineering practices, the TVI monster was kept at bay--sort of.

The Atlantic City Conference was held in 1947. Hams gained a 15 meter band, which was finally allocated to us in 1952.

Amateurs proved their worth as two disasters, one natural and one man made, struck Texas in April 1947. Tornadoes sliced through the State, killing 150. And, in Texas City, an explosion on board a freighter set off a chain reaction that killed 600, wounded 2000, and destroyed two square miles of the city. Dozens of portable and mobile stations rushed to the scene and provided necessary communications on 75 and 10 meters.

Also on a somber note, Kenneth B. Warner, W1EH, the Secretary and General Manager of the ARRL since 1919, died in 1948.

By the way, do you need a job? Are you bored with your life? Do you crave adventure? Then Hallicrafters has a job for you!! In the fall of 1947, they are sponsoring a 6 month expedition to the Dark Continent--Africa--the Belgian Congo to be exact. They need an experienced Class A amateur to operate the radio equipment. If you feel you are qualified, send them your application by July 1, 1947. Finally, what's an "amplifying crystal"? You don't know?? Well, maybe you know it better by its other name--the transistor. This new device was first described in the October 1948 issue of QST. No one at that time realized the full potential of this little component, or knew how it would revolutionize the world of communications.

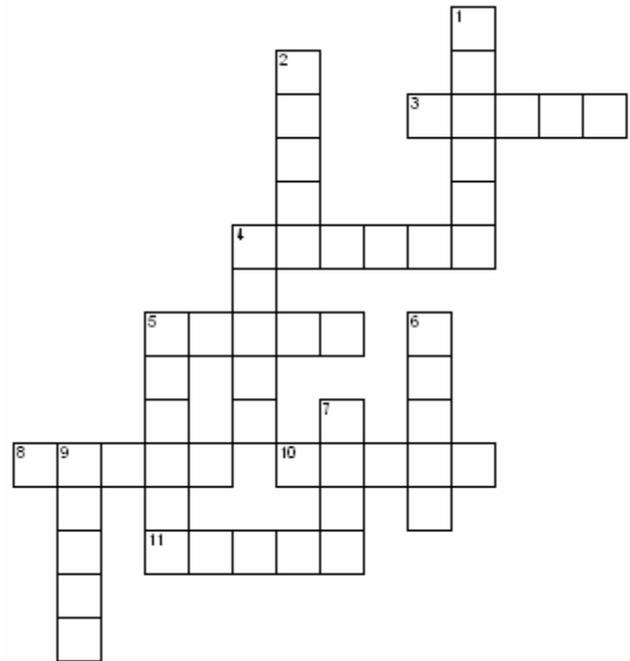
In our next installment, we will take a look at the 1950's--1958 to be exact.

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CARC PUZZLER

NAME THOSE CARC PRESIDENTS!  
(by Callsigns)



Across

- 3. Club President 2010
- 4. Club President 2006
- 5. Club President 2000
- 8. Club President 2005
- 10. Club President 2011
- 11. Club President 2008

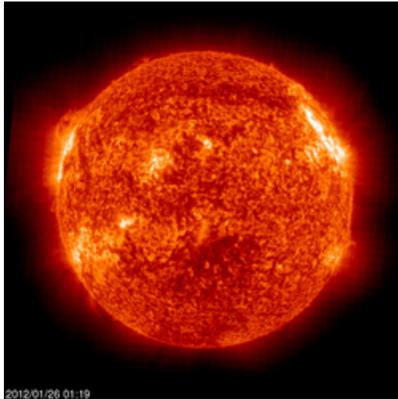
Down

- 1. Club President 2007
- 2. Club President 2009
- 4. Club President 2001
- 5. Club President 2002
- 6. Club President 2012
- 7. Club President 2003
- 9. Club President 2004

THEATRE OF THE MIND  
OLD-TIME RADIO ANSWERS

- 1. Boston Blackie
- 2. The Great Gildersleeve
- 3. Yours Truly, Johnny Dollar
- 4. Jack Benny
- 5. Matt Dillon (Gunsmoke)
- 6. Have gun, will travel.
- 7. The Green Hornet (Britt Reed)
- 8. Sgt. Preston (of the Yukon)
- 9. George Burns
- 10. CBS Mystery Theatre
- 11. Escape
- 12. Sgt. Joe Friday (Dragnet).
- 13. Fibber McGee
- 14. Nero Wolfe

## SOLAR UPDATE



### THE K7RA SOLAR UPDATE

Tad Cook, K7RA, reports: Solar activity was down this week, with the average daily sunspot number at 49.6, less than half last week's figure. The average daily solar flux dropped 22 points to 97, and geomagnetic activity was quiet also. Sunspot numbers for March 21-27 were 60, 54, 56, 45, 56, 41 and 35, with a mean of 49.6. The 10.7 centimeter flux was 106.1, 100.9, 98.2, 96, 92.6, 92.4 and 93, with a mean of 97. The estimated planetary A indices were 12, 4, 11, 5, 4, 3 and 14, with a mean of 7.6. The estimated mid-latitude A indices were 11, 2, 10, 6, 3, 2 and 9, with a mean of 6.1. Look for more information on the ARRL website on Friday, March 29. For more information concerning radio propagation, visit the ARRL Technical Information Service Propagation page.



## 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: (1940) Hallicrafters SX-28*



## 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: [davel@wcf.com](mailto:davel@wcf.com)  
Web Page: <http://www.wcf.com/aero/exams/>  
When: Sun. May. 12<sup>th</sup>, 2013 (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. Apr. 20<sup>th</sup>, 2013  
Where: Los Altos Hills Town Hall Council Chambers  
26379 Fremont Road Los Altos Hills, CA 94022  
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	Apr 13 <sup>th</sup>	Sunnyvale, CA	10:30	AM
Sat	Apr 20 <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>	Meeting 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 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 NorCal. Net

### Sunday

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

CLUB OFFICERS				
Office	Name	Call	Phone	E-Mail Address
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V. President	Ralph Bailey	K6DLZ	(650) 341-6236	kc6dlz@aol.com
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Treasurer	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
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**MEETING  
NOTICE:**

**APRIL 10, 2013  
LINDA MAR FIRE STATION  
PACIFICA, CA**

**MEETING  
7:30 PM**

## COASTSIDE COMMUNICATOR

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FIRST CLASS

TO:

