



THE COASTSIDE COMMUNICATOR

VOL. 46, No. 8

AUGUST 2014

WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

Greetings,
It's August and the dog days of summer.

This month's meeting topic is Back to School Night, with Professor Roy discussing: HF Receiver Performance Test Measurements—Which Ones are Important and Why. I have always found Professor Roy's presentation informative.

Keep your calendar's open for September 27th and 28th, which is the Pacific Coast Fog Festival, so you can help the Club by working at the Fog Fest.

For those Club members with an interest in CERT and ARES, coming up in September and October are Urban Shield, an Airport Crash Drill as SFO, the Great Shake Out, and possible a Simplex Drill if the details can be worked out.

I hope to see you at the meeting on August 13th.

73,

Walt-KG6EDY

JULY MINUTES

The July 9, 2014 meeting was called to order at 7:31 p.m. by our Club President Walt Long-KG6EDY at the Linda Mar Fire Station in Pacifica. Self-introduction by the members followed.

No corrections to the minutes were noted. It was moved by Roy Brixen-KE6MNJ to approve the minutes as published in the *Coastside Communicator*. The motion was seconded by Tom Oliver-KJ6OGL and unanimously passed by the membership present.

TREASURER'S REPORT

Club Treasurer Frank Erbacher-N6FG read the report of the Club's financials: \$408 in the General Fund; \$1,764 in the Repeater Fund; \$656 in the Digipeater/APRS Fund, and \$7,440 in the EOC/Public Service Fund. These individual fund totals add up to a club total of \$10,267.

Frank reported that \$24 was paid for mailing and publication of the *Coastside Communicator* newsletter. Frank also reported that he withdrew \$500 from savings to have cash on hand.

CORRESPONDENCE

Frank stated that the June US Bank statement and the June *Short Skip* from Santa Cruz were received by the Club.

Frank informed the members that with its newest member, Dave Vangerov-K6DEV, CARC currently now has 66 members, 63 licensed and 3 unlicensed.

COMMITTEE REPORTS

REPEATER

Casey Villyard-N6TZE reported that service was done on one of the cables. At least part of the noise problem was traced to a loose screw in the receiver section of the 2m repeater.

AUTOPATCH

Operational

DIGIPEATER

No report

APRS

No report

EMERGENCY SERVICES

No report

FIELD DAY

Frank-N6FG reported that Field Day was a success, but that there were fewer people than desired for setting up and making contacts. It was noted that some of CARC's members were participating in the Devil's Slide Ride that took place on Field Day Saturday. CARC's Field Day stats can be found on the CARC website

NEWSLETTER

Published

WEBSITE

Operational

FOG FEST

Nothing new reported. The Fog Festival is scheduled for September 27 and 28.

BYLAWS

Frank-N6FG reported that he received notice from that California Franchise Tax Board that the requested tax-exempt status pursuant to Revenue and Tax Code 23701g has been granted. Consequently the Bylaws Committee was once again formally dissolved.

UNFINISHED BUSINESS

November Election Dinner – Frank-N6FG stated that the November Election Dinner is currently scheduled for Friday, November 7th. After discussion, Frank agreed to check to see if Saturday, November 8, is available.

Devil's Slide Ride – Casey-N6TZE reported that the radio operators and repeater performed well. This was PARCA's first year using ham radio operators, and they were impressed and grateful for the service. The radio communication helped riders to receive the assistance they needed when reporting matters such as flat tires, broken derailleurs or cramps. PARCA is hoping to be able to schedule the event next year on a day that won't conflict with Field Day.

NEW BUSINESS

Field Day Ropes – Frank-N6FG reported that the current ropes used for Field Day set-up date back to 1980 and need to be replaced with new, heavy-duty rope. Roy-KE6MNT moved that \$100 be approved for the purchase of new Field Day equipment, including rope and stakes. The motion was seconded by Bill Lillie-N6BCT. Bob Barbitta-W6LOG amended the motion to specify that the money would be taken from the EOC Fund. The motion was seconded by Cheryl Crofts-KJ6RNK and passed unanimously by the members present.

ADJOURNMENT

At 8:28 p.m. it was moved by Bob-W6LOG, seconded by Carmel Gallagher-KJ6ERS, and unanimously passed by the membership, that the meeting be adjourned.

PRESENT AT THE MEETING

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

Officers: President: Walt Long-KG6EDY; Vice-president: Ralph Bailey-K6DLZ; Secretary: Mary Ellen Scherer-AJ6J; Treasurer: Frank Erbacher-N6FG.

Members: Jane Bailey-KF6PGF, Bob Barbitta-W6LOG, Gary Barnes-KI6HIG, Roy Brixen-KE6MNJ, Cheryl Crofts-KJ6RNK, Lucas Ford-W6AER, Carmel Gallagher-KJ6ERS, Ariel Gallega-K6RYL, Bill Lillie-N6BCT, Tom Oliver-KJ6OGL, Dave Vangerov-K6DEV, Audrey Villyard-WA2KPS, Casey Villyard-N6TZE and Joshua Villyard-N6TZF.

Visitors: Lisa Ko



**August Meeting is
Back to School Night**

**HF Receiver
Performance
Test Measurements**

NEWS

BACK-TO-SCHOOL NIGHT

HF RECEIVER PERFORMANCE TEST MEASUREMENTS—WHICH ONES ARE IMPORTANT AND WHY

Presented by: Roy Brixen-KE6MNJ

Of all the electronic equipment a new or experienced amateur operator spends hard earned dollars purchasing, it can be argued that the HF receiver is the most critical and deserves the most scrutiny. Of the six key requirements for high quality HF signal reception, excellent receiver performance is the only requirement that the operator cannot directly influence. We select and purchase a radio box, designed and built and adjusted by a manufacturer somewhere in the world. All the other requirements can be significantly modified or upgraded by the operator. The only evidence that an operator has as to receiver performance is revealed in independent lab testing results (ARRL New Product Reviews) or user evaluations and rankings (eham.com Product Reviews). The former is very analytical and detailed while the latter is subjective and opinionated.

All-in-all, the numbers usually don't lie nor do they have opinions and/or prejudices. So, "using the numbers" is a decent way to begin the evaluation of HF receiver performance and start the process of thinning the herd. This month's Back-to-School program will be a discussion and review of several of the most revealing lab testing procedures for HF receivers. We'll look at the theory of the individual tests—what do the tests measure and what do the tests tell us about receiver performance, expected results, acceptable compromises, and then look at the performance of the receiver section of four current real-world transceivers and one revered "boat anchor". The goal of the presentation is for you to leave with an understanding of the tests, how the tests reveal receiver design deficiencies, and which tests are important for your style of HF operation.

Due to the depth and length of the presentation, we may spill over into the September meeting.

ARRL UPDATE

ARRL NATIONAL CENTENNIAL CONVENTION KICKS OFF HAM RADIO'S SECOND CENTURY

With the ARRL National Centennial Convention, July 17-19, now a part of Amateur Radio history, the League's second century has arrived! The ARRL welcomed some 3300 visitors to the Connecticut Convention Center in Hartford for the 3-day event, which went smoothly for the most part, said ARRL President Kay Craigie, N3KN. She noted that many conventioners even stayed around for the official closing ceremony on Saturday afternoon -- and beyond.

"Even as late as Sunday, people were shaking my hand at the convention hotel and saying how much they enjoyed the convention," Craigie said. "Despite a few hitches and glitches, the event as a whole met our objective of being a truly

ARRL Update cont.

memorable and meaningful celebration of the centennial, in the city where it all began 100 years ago."

Craigie expressed appreciation for the efforts of ARRL Headquarters staffers and the many volunteers who helped to make the convention a success. "The ARRL also appreciates the Training Track and forum presenters, who made the program as fine as anything ever brought together for an Amateur Radio convention," she added. "The exhibitors who supported the show with their presence gave visitors an excellent opportunity to learn more about the products, services, and organizations in today's Amateur Radio. That was really helpful when I walked through the exhibits with FEMA Administrator Craig Fugate, KK4INZ, and later with Congressman Joseph Courtney of Connecticut -- an original co-sponsor of HR.4969 -- for some show and tell about Amateur Radio activities and technology."

The winner of a drawing for a \$5000 grand prize certificate from the ARRL and R&L Electronics was ARRL Life Member John C Davison, N2OXV, of Poughkeepsie, New York. The winner of a \$2500 gift certificate from the ARRL and FlexRadio Systems was Robert The, AC2II, of Germantown, New York.

"Just before the prize drawing on Saturday afternoon, I invited the youngest hams at the closing ceremony onto the main stage," said Inderbitzen. "There were four 13-year-olds -- Stu Cichon of Meriden, Connecticut (a prospective ham); Dahnes Upton, KB1OTB, of Mont Vernon, New Hampshire; Tobias Park, KD2EOM, of Warwick, New York; and Brandon Turrentine, KF5QYU, of Winnie, Texas. "Brandon pulled the tickets of the two prize winners," Inderbitzen continued. "Each of these young hams will be sent a hardcover edition of the ARRL Centennial Handbook signed by members of the staff, and some other 'goodies.'"

At the convention, Craigie said, she saw some youngsters in strollers who likely will be around for the League's 150th anniversary in 2064. "Our job now is to do our part to make sure that Amateur Radio and the ARRL are strong for them when it's their turn to celebrate the next milestone in the history of our League," she said.

ARRL CEO David Sumner, K1ZZ, concluded the closing ceremony. "With this moment, we say good-bye to ARRL's first century with fondness [and] great memories," he said. "You're all part of that history, and now we're all part of the ARRL's second century."

CENTENNIAL CONVENTION PROVIDES SPRINGBOARD FOR "AMATEUR RADIO PARITY ACT," HR.4969

The just-concluded ARRL National Centennial Convention in Hartford, Connecticut, helped to infuse some energy into efforts to line up co-sponsors for "The Amateur Radio Parity Act of 2014" -- HR.4969.

The measure, introduced in the US House of Representatives with bipartisan support in late June, calls on the FCC to apply the "reasonable accommodation" three-part test of the PRB-1 federal pre-emption policy to private land-use restrictions regarding antennas. The bill's primary sponsor is Rep Adam Kinzinger (R-IL). It received initial co-sponsorship from Rep

Joe Courtney (D-CT). An additional four co-sponsors have since signed aboard the bill. Courtney visited the ARRL Centennial Convention on July 19 to speak with League officials and those attending the event. At present PRB-1 only applies to state and municipal land-use ordinances, and the FCC has indicated that it will not act to provide the same legal protections from private land-use agreements -- often called covenants, conditions, and restrictions (or CC&Rs) -- without direction from Congress.

Convention visitors began sporting League-supplied "Get Behind HR 4969" stickers as the event shifted into high gear. Behind the stickers is a grassroots effort to encourage members to contact their congressional representatives to seek their support as co-sponsors for HR.4969. The effort at the Convention to entice visitors to sign letters to lawmakers yielded some 1400 constituent letters that will be hand delivered to members of Congress, a July 19 Convention Legislative Update Forum was told.

ARRL General Counsel Chris Imlay, W3KD, said there already is precedent for the FCC to act. He explained that the Commission's so-called Over-the-Air Receiving Device (OTARD) rules currently preempt private land-use agreements to permit the installation of television antennas and satellite dishes. He suggested that making the leap to reasonably accommodating outdoor Amateur Radio antennas is within the FCC's regulatory scope, given the established strong federal interest in effective Amateur Radio communication.

"People don't always get to choose where they live," Imlay said. CC&Rs enforced by homeowner's associations may or may not permit antennas or may only permit them with approval. He said that by 1990, some 29 million US residents were affected by private land-use agreements. "In 2011, that number changed to 62.3 million people," Imlay said. The goal, he explained, is to compel homeowner's associations to negotiate "reasonable accommodation" with an affected radio amateur. That could mean an outdoor wire antenna or something more elaborate; Imlay said it's not the intent of the bill to specify any particular type of antenna.

HR.4969 has been referred to the House Energy and Commerce Committee. Rep Greg Walden, W7EQI (R-OR), chairs that panel's Communications and Technology Subcommittee, which will consider the measure. The League had approached Walden, who helped to engineer the current legislation.

"All [the bill] says is, take PRB-1, and apply it to all land-use regulation," Imlay said. "This couldn't be any simpler."

Imlay said the bill faces opposition from the Community Associations Institute and an organization called Associa, which has suggested to Kinzinger that he "re-think" the bill.

"We need to get a lot of co-sponsors for this bill," Imlay said.

A principal proponent of HR.4969 is ARRL Hudson Division Director Mike Lisenco, N2YBB. "We are the ones who are responsible for our own future. The way to get things done is to be active on a grassroots level -- small scale," he told the gathering of about 50 interested radio amateurs. "This way you're dealing with your representatives as a constituent." Several forum attendees left early so they could visit the ARRL exhibit on the convention floor to obtain the necessary materials.

ARRL Update cont.

ARRL Regulatory Affairs Manager Dan Henderson, N1ND, pointed out that the League has opened a HR.4969 page on the ARRL website. It contains information and resources for clubs and individuals wishing to support efforts to gain co-sponsors for the measure by contacting their members of Congress. It includes a sample letter to a member of Congress and a list of "talking points." Lisenco recommended organizing small teams of knowledgeable and articulate radio amateurs to approach lawmakers one to one to plead their case.

Just prior to the Convention, ARRL President Kay Craigie, N3KN, released a video appeal to all radio amateurs to get behind a grassroots campaign to promote co-sponsorship of HR.4969.

FEMA AND ARRL SIGN AGREEMENT; FEMA ADMINISTRATOR CALLS HAM RADIO "RESILIENT"

The ARRL and the Federal Emergency Management Agency (FEMA) have announced a Memorandum of Agreement (MOA) that will enhance cooperation between the League and FEMA in the area of disaster communication. FEMA Administrator Craig Fugate, KK4INZ, and ARRL President Kay Craigie, N3KN, signed the agreement July 18 during the ARRL National Centennial Convention in Hartford, Connecticut.

"Radio is one of the most resilient communications technologies we have," Fugate said. "When the power is out and telecommunications are down, the Amateur Radio community



FEMA Administrator Craig Fugate, KK4INZ (left) and ARRL President Kay Craigie, N3KN, sign a Memorandum of Agreement. [Rick Lindquist, WW1ME, photo]

can serve as a vital resource in support of emergency responders and survivors during a disaster. This MOA will strengthen FEMA's partnership with ARRL and build upon our work to expand emergency communications capabilities and the use of Amateur Radio in emergency management."

The new agreement will allow FEMA and ARRL to work together to provide resources, services and personnel, as available, in order to strengthen capacity in areas of emergency communications, mass care and emergency assistance, disaster preparedness, response and recovery, while also raising public awareness about the use of Amateur Radio as a public safety resource. The pact also outlines the ways in which FEMA and ARRL will cooperate to carry out their respective responsibilities, with respect to disaster mitigation, preparedness, response and recovery operations in the event of a natural or manmade disaster.

Craigie said that from radio's earliest days of experimentation to the present, ham radio volunteers have combined a passion for technology with a devotion to assisting agencies that respond to disasters. "This combination of inventiveness and service has saved lives for a century," she said. "We look forward to working with FEMA to further develop opportunities for trained, equipped and prepared Amateur Radio operators to serve the public interest whenever and wherever disasters affect our country and its communities."

Fugate echoed his afternoon remarks as the keynote speaker at the ARRL National Centennial Convention Banquet Friday evening. He said that before he even became FEMA administrator, it became clear to him that Amateur Radio could support ad hoc communication without relying on conventional communication systems. "The more sophisticated our systems become, the more fragile they become," he told the gathering of some 900 dinner guests. He again emphasized the need for resiliency in communication systems, and asked, "How many public safety networks can come close to ham radio's bandwidth?"

"The relevancy of ham radio only grows," he asserted. "Amateur Radio is taking that hobby and turning it into saving lives."

FCC PROPOSES SUBSTANTIAL FINES FOR TWO RADIO AMATEURS ALLEGING DELIBERATE INTERFERENCE, FAILURE TO IDENTIFY

The FCC Enforcement Bureau came down hard on two radio amateurs this week, proposing substantial fines for alleged deliberate interference with other Amateur Radio communications -- in one case by transmitting music and animal noises -- and failure to properly identify. In similar Notices of Apparent Liability for Forfeiture (NALs) released July 22, the Commission proposed fining Michael Guernsey, KZ8O (ex-ND8V), of Parchment, Michigan, \$22,000, and Brian Crow, K3VR, of North Huntingdon, Pennsylvania, \$11,500. In both cases, the FCC said the evidence indicated that the transmissions at issue were aimed at interfering with other radio amateurs with whom each "has had a long-standing and well-documented dispute" that had spilled out onto the air.



The FCC in both instances responded last March to "several complaints of intentional interference" on 14.313 MHz. Commission agents used radio direction-finding techniques to pin down the source of the transmissions. According to the NAL issued to Guernsey, the FCC agents monitored transmissions from his station for approximately 40 minutes on March 7, 2014, "and heard him transmit a pre-recorded song and various animal noises on the frequency."

According to the NAL issued to Crow, FCC agents monitored transmissions from his station for approximately 3 hours on the morning of March 14, 2014, and heard him transmit slow-scan television (SSTV) signals and "a pre-recorded voice transmission of another amateur station on the frequency." "These transmissions prevented other amateur licensees from communicating over the frequency," the NALs said, adding

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that neither Guernsey or Crow transmitted their assigned call signs while the agents were listening.

The FCC agents later the same day visited Crow's residence and asked to inspect his station, which they confirmed was capable of operating on 14.313 MHz. Crow denied operating his station that morning, however, and claimed that he was not at home when the interfering transmissions occurred.

The Enforcement Bureau has warned both Guernsey and Crow in the past regarding interference to other Amateur Radio operators. In Crow's case, the FCC said the fact that he subsequently interfered with other amateur operators "demonstrates a deliberate disregard for the Commission's authority," and warranted an upward adjustment of \$3500 to his proposed base forfeiture. Guernsey first came to the Enforcement Bureau's attention in the late 1990s and, the FCC said in the NAL, "has a history of causing interference to the communications of other Amateur Radio operators and has been warned repeatedly in writing." Guernsey's lengthy history with the Commission warranted an upward adjustment of \$14,000 to his proposed base forfeiture.

The Commission gave both licensees 30 days to pay their fines or to file written statements "seeking reduction or cancellation of the proposed forfeiture."

The NALs to Guernsey and Crow came in the wake of a June 5 Notice of Violation (NoV) alleging that Thomas Ryan Price, W7WL, of Sweet Home, Oregon, caused malicious interference to other radio communications on 3908 kHz, transmitted music on the same frequency, and failed to properly identify.

A CENTURY OF AMATEUR RADIO AND THE ARRL

This week, we'll look at the 1950s. Danny Weil, VP2VB, began his well-known series of *Yasme* DXpeditions around the world in 1955, putting some rare countries on the air. That series lasted until 1963, and it gave thousands of DXers the opportunity to work some new ones.

In the mid-1950s, The FCC ran out of 1 x 3 call signs with W and K prefixes and began reissuing lapsed W and K call signs. When those ran out, they went on to 2 x 3 call signs with WA (and, later, WB) prefixes.

The log periodic antenna -- a new and very useful concept -- was introduced to hams in the late 1950s. It had been developed by D.E. Isbell at the University of Illinois.

Late in 1958, hams lost the shared use of 11 meters, which then became the Class D Citizens Band.

During the late 1950s, amateurs continued to push the limits of VHF and higher bands. W6NLZ and



A CONELRAD information poster from the 1950s, advising citizens where to tune "for official information."

KH6UK ran regular schedules on VHF and succeeded in making two-way contact on 144 MHz in 1957, and on 220 MHz in 1959.

Another Amateur Radio first took place in 1960, when the first EME (moonbounce) contact was made on 1296 MHz between W6HB in California and W1BU in Massachusetts.

During the 1950s and 1960s, The USSR and the US were in the midst of the so-called "Cold War." Fearing that Soviet bombers could home in on radio signals to find their targets, the CONELRAD (CONtrol of ELEctromagnetic RADIation) system went into effect from 1957 to 1962. For their part hams were required to (1) monitor an AM broadcast station at least every 10 minutes to be sure it was still on the air; and (2) shut down, if broadcast stations went off the air. In the event of such an emergency, key 50 kW AM stations would move to either 640 or 1240 kHz to broadcast emergency information. The stations on each of those frequencies would go on and off the air in a continually varying sequence, while all carried the same audio to provide continuous information to the public. -- Al Brogdon, W1AB

A CENTURY OF AMATEUR RADIO AND THE ARRL

During the decade of the 1960s and subsequently, Gus Browning, W4BPD, traveled the world and operated from over 100 countries, many of them extremely rare ones and sometimes the first ham operation for that country. Gus was an ordinary guy, always a gentleman, and an unflappable pileup operator. He was the first DXer elected to the DX Hall of Fame.

On December 12, 1961, OSCAR 1, the first Amateur Radio satellite, was launched into orbit. OSCAR 2 followed on June 2, 1962. Both paved the way for the amateur satellites that followed.

By 1963, the US ham population had reached a quarter of a million, although at that time there were more CB operators than hams.

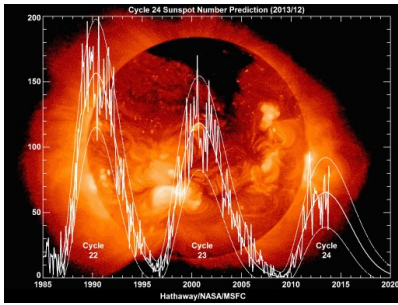
During the 1960s, repeater operation began on 2 meters. At first, there was a fair amount of confusion -- questions of legality had to be sorted out by the FCC, a lot of hams thought channelized operation wasn't a good thing, equipment had to be developed, etc. But eventually things settled down, and repeater operation on 2 meters took off, with repeater operation on other VHF/UHF ham bands and 6 meters soon to follow.

On March 27, 1964, a magnitude 9.2 earthquake and the resulting tsunami struck Alaska and caused extensive damages in many parts of the state. As in most natural and man-made disasters, hams were quick to put together emergency communication links to help with disaster relief.

Late in 1967, incentive licensing returned to ham radio. This had been an on-again/off-again issue with FCC for about 15 years. -- Al Brogdon, W1AB



SOLAR UPDATE



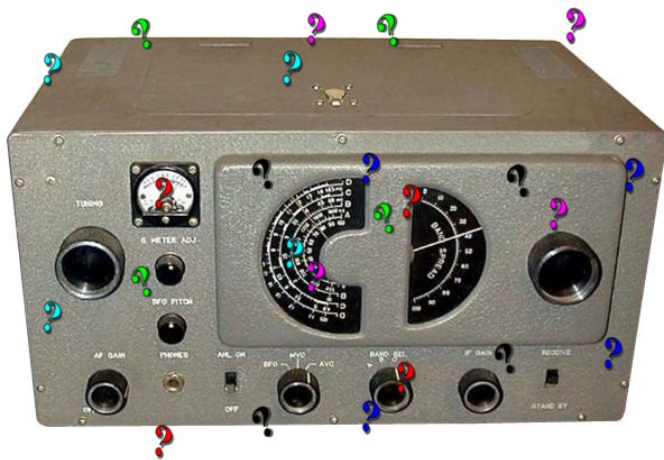
Tad Cook, K7RA, in Seattle, Washington, reports: On Thursday, July 17, there were no sunspots at all! This serves a sobering reminder of how weak this solar cycle is. By July 23, new sunspot regions had emerged and the sunspot number was 55. Solar flux ranged from a low of 86.1 on July 19 to a high of 99.1 on July 23.

Predicted solar flux for the near term is 100, 105, and 115 on July 24-26, 125, 140, and 155 on July 27-29, 170, 160, 150, and 155 on July 31 through August 2, 150 on August 3-5, then dropping to 85 on August 18, and rising to 150 on August 29.

The planetary A index was quiet over the past week, and it's predicted to be at 5 on July 24, 8 on July 25-26, 5 on July 27-28, 12 and 10 on July 29-30, 5 on July 31 through August 4, 8 on August 5-6, 5 on August 7-9, 8 on August 10-11, then 5 on August 12-16, 8 on August 17-18, 5 on August 19-20, and 10 and 8 on August 21-22.



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: Gonset Communicator*

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
3rd 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
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: See Website
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: September 20th 2014, Redwood City, 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

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

Sat	Aug 9th	Sunnyvale, CA	10:30	AM
Sat	Aug 16th	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 8th	2014 Agenda Planning, LM Fire Station
Feb 12th	2014 Agenda Finalizing/Bylaws LM Fire Station
Mar 12th	Pizza Night , Linda Mar Round Table Pizza
Apr 9th	Meeting Night , LM Fire Station
Apr 17th	Silver Dragon CERT Exercise-Pacifica
May 11th	SS Red Oak Victory Tour 10AM Richmond
May 14th	Home Brew/Junk Swap Nite , LM Fire Station
Jun 11th	Field Day Planning Mtg, LM Fire Station
Jun 28-29	CARC Field Day, Sweeney Ridge
Jun 28	PARCA Bike-A-Thon
Jul 9th	Field Day Wrap-Up Mtg,LM Fire Station
Aug 13th	Meeting Night , LM Fire Station
Sept 10th	Meeting Night , LM Fire Station
Sept 27-28	Pacific Coast Fog Fest, Pacifica
Oct 8th	2014 Officer Nominations, LM Fire Station
Nov 8th	Election Dinner, Nick's Restaurant, Pacifica
Dec 10th	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

55 Years



of Service

45 Years



Affiliation

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
President	Walt Long	KG6EDY	(650) 467-6990	kg6edy@arrl.net
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Treasurer	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
CLUB STAFF				
Control Operator	David Rinck	K6DMR	(650) 359-8997	k6dmr@arrl.net
Emergency Services	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
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Trustee of Club Call	Frank Erbacher	N6FG	(650) 355-4355	n6fg@arrl.net
Website	Scott Mercer	KI6SEJ	-	ki6sej@arrl.net



**MEETING
NOTICE:**

**AUGUST 13TH
LINDA MAR FIRE STATION
PACIFICA, CA
7:30PM**

**BACK TO SCHOOL NIGHT
W/PROFESSOR ROY BRIXEN**
HF Receiver Performance Test
Measurements. Which Ones are
important and Why

COASTSIDE COMMUNICATOR

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

FIRST CLASS

TO:

