The Coastside Communicator

Vol. 43, No. 2 February 2011

www.coastsidearc.org

President's Column

Welcome to February! Our event planning in the January meeting yielded a lot of good suggestions (Reprinted elsewhere in this newsletter). We will continue the planning at the next meeting, add some additional possibilities, and hopefully put some dates to them. If you have any additional ideas for events please bring them to the meeting

…73 Casey-N6TZE

January Minutes

The January 2011 meeting was called to order at 7:40 p.m. by our club president, Casey Villyard-N6TZE at the Linda Mar Fire Station in Pacifica. Self-introduction by the members and guests followed.

It was then moved to approve the minutes as published in the newsletter by Dave Lawrence-KF6TWW, with a second by Joshua Villyard-N6TZF and was passed by the membership.

Treasurer's Report

Frank Erbacher-N6FG read the report of the club's financials: $804 in the general fund; $4,116 in the repeater fund; $579 in the digipeater fund and $5,240 in the EOC fund. These individual fund totals add up to a club total of $10,740.

The treasurer paid $35 to WA6AFT for his mailing and publication of the January Communicator newsletter, and $95 for renewal of the club's P.O. Box.

Membership

Total club membership stands at 31 with 31 licensed members, 25 of whom are ARRL members. Frank reminds us all to fill out the application and submit dues for 2011.

Frank informed us that club member Gary-KI6HIG was struck by a truck. Update: He is up and about.

Communications

Newsletters were received from the: SCRA "Short Skip" SFARC, SFARC, "Nuts and Volts", SCCARA "SCCARA-GRAM".

Also received was the USB bank account statement.

Committee Reports

Repeater

Operational

Autopatch

Operational

Digipeater

Operational

APRS

Operational

Emergency Services

CARC Net will be done from the EOC once a month to check function of EOC equipment..

Field Day

No Report

Fog Fest

No Report

Newsletter

Published

Website

Up and running but needs updating.

Old Business

A letter to be composed to send to our interfering repeater on Wolf Mountain hasn't gone out yet. A discussion followed on the subject. It was noted that it would be better to send the letter around the NARCC meeting date.

New Business

Events suggested by club members for 2011 include:

A. Pizza Night March 9th
B. The Hiller Air Museum.
C. The Military Tank Museum.
D. The California State Train Museum in Sacramento
E. Marin radio station site
F. Bay Model in Sausalito.
G. SLAC tour (*when it reopens with photon experiments)*
H. Pacific Pinball Museum in Alameda.
I. The Niles Canyon Railway in Sunol
J. Western Railway Museum in Rio Vista.
K. Take us to your job site.
L. Elecraft Lecture
M. Ice cream meeting.
N. Meet with other clubs.
O. City T-Hunts.
P. 900 MHz band demo.
Q. Mt Hamilton Observatory
R. Flea Market Night

A motion was made to adjourn the meeting by Dave Lawrence -KF6TWW and second. The motion was passed and the meeting was adjourned at 8:32 p.m.

PRESENT AT THE MEETING

The following guests of the club were present: Cliff Biggs-N6KKX, Arnott Smith-KF2TM, and Bob Isenburg-KL2JY.

Members present included: Ralph Bailey-KD6LZ, Ross Burton-W1RAB/6, Frank Erbacher-N6FG, George Fenisey-N6GYR, Dave Lawrence-KF6TWW, Bill Lillie-N6BCT, David Rinck-K6DMR, Casey Villyard-N6TZE, Joshua Villyard- N6TZF, Audrey Villyard WA2KPS, Jacky Lam-N6LAM, and Daniel Curry-K6DLC

Reported by George Fenisey-N6GYR Secretary

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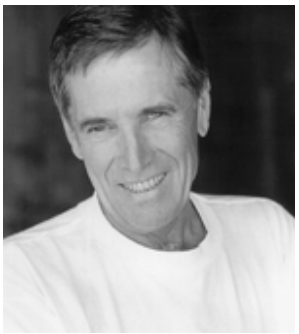
NEWS

BAY AREA LEGEND CARTER B. SMITH - K6CWM SK

San Francisco-born Carter Blakemore Smith, educated at Lowell High School and San Francisco State College, got his start in local radio as an intern at KSAN (1450 AM) in the mid-1950s, before farming out to Red Bluff for his first fulltime on-air job.



He advanced to Berkeley's KRE (1400 AM and 102.9 FM) and KSFR (94.9 FM) a few years later, then parlayed his experience into a role as sidekick, foil and substitute for Don Sherwood at KSFO. In all, he worked three separate stints at KSFO over the years.

Among Carter's greatest accomplishments was his effort in 1982 to publicize the need to restore San Francisco's landmark cable cars. In addition to taking an 18-hour marathon ride on "Cable Car 68" to raise funds for the restoration effort, he appeared on radio stations from coast-to-coast (and around the world via shortwave) to increase awareness of the venture. His interests were varied and wide-ranging, and included aviation history and ham radio (Carter's amateur license was K6CWM).

"The Prince Trapped Inside the Body of a Disc Jockey" was always a listener favorite, he later moved on to KNBR, KFRC (in its Magic 61 incarnation) and KABL. He was also widely known for being the proprietor of one of the world's largest collections of T-shirts numbering upward of 6,000; many of which were donated to the Smithsonian. Carter B. Smith was elected to the Bay Area Radio Hall of Fame in 2007.

Carter B. Smith passed away on January 24, 2011, at his home in Tiburon after waging a long and valiant battle against a brain tumor.

Courtesy - Bay Area Radio Museum
http://www.BayAreaRadio.org

BAEARS TEST SESSION RESULTS

At the BAEARS test session in San Francisco, CA on January 22nd, we had an overall pass rate of 90%. For the new licensees, 69 out of 72 who participated received their technician class license; in addition, three went straight to General Class licensees.

HAM RADIO SATURDAY! STARTS SATURDAY, FEB. 26TH

WC6H and N6RC contesting, The California QSO Party, Really Tall Towers and Storm Spotter training are on tap for the first "Ham Radio Saturday!" event, organized by Tracy ARC, Manteca ARC and San Joaquin County ARES.

The event is open to all. It will take place at San Joaquin General Hospital in French Camp from 9am until 1pm on Saturday, February 26, 2011.

Speakers include:

Rich Cutler-WC6H is the Calaveras County record holder in California QSO Party, which for one weekend a year turns the Golden State into wanted DX!

He'll talk about the annual contest, held the first weekend in October, and why even "non-contesters" can have a great time.

Bring your contest-related questions and Rich will be happy to answer them.

How can you win CQP? Find out at Ham Radio Saturday!

Robert Hess, W1RH is Director of Engineering/Operations at Channels 13 and 31 and knows all about life at the "top of the world."

His 45-minute presentation takes us all the way to the top of really tall broadcast--"hey, can we put a repeater there?"--towers and includes lots of pictures.

You may never get to the top of a 2,000-foot tower, but W1RH can share the experience--vividly.

Eric Kurth -- Meteorologist -- Sacramento National Weather Service Forecast Office -- will present the official NWS Storm Spotter training for Northern California.

Yes, we do get the occasional tornado, but what NWS really needs us for are reports of fog, flooding, heavy rain and other significant events.

What to call in to NWS? Where to call? Eric will be assigning official spotter numbers and passing out the "secret" telephone number at Ham Radio Saturday!

He will also talk about flooding and what NWS' new dual-polarized radar means for weather forecasting and measurement.

Schedule			
09:00	Welcome	12:00	Break
09:15	Spotter Training	12:15	Tall Towers
10:30	Break	13:00	Adjourn
11:00	CQP		

Coffee and snacks available in the cafeteria. Attend as much (or little) as you like

Location: Doctors Dining Room at San Joaquin General Hospital in French Camp.

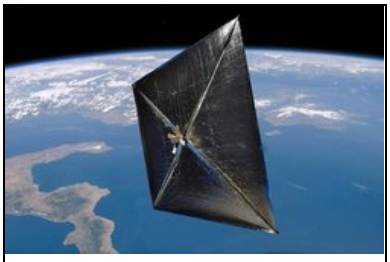
Registration is required: http://n5fdl.com/rsvp

Directions: http://n5fdl.com/hrs-direction/

ARRL UPDATE

NASA's Nanosatellite Heard by Hams

When a NASA nanosatellite -- NanoSail-D -- ejected unexpectedly on January 17 from the Fast Affordable Scientific and Technology Satellite (FASTSAT), the agency called upon Amateur Radio operators to help track it. NASA asked radio amateurs to listen on 437.270 MHz for the signal and verify that NanoSail-D was operating. NASA received almost 470 telemetry packets from 11 countries.



An artist's conception of NanoSail-D. [Image courtesy of NASA]

The NanoSail-D beacon sent an AX.25 packet every 10 seconds; the packet contained data about the spacecraft's systems operation.

Once the NanoSail-D team received confirmation that the nanosatellite did indeed eject, NanoSail-D principal investigator Dean Alhorn quickly enlisted Alan Sieg, WB5RMG, and Stan Sims, N4PMF, to try to pick up NanoSail-D's radio beacon. Both hams work at the Marshall Space Flight Center in Huntsville, Alabama.

"The timing could not have been better," Sieg said. "NanoSail-D was going to track right over Huntsville, and the chance to be the first ones to hear and decode the signal was irresistible." Right before 2300 UTC on January 17, they heard a faint signal. As the spacecraft soared overhead, the signal grew stronger and the operators were able to decode the first packet: NanoSail-D was alive and well. "You could have scraped Dean off the ceiling. He was bouncing around like a new father," Sieg recalled.

According to NASA, the nanosatellite was last heard at 1354 UTC on January 21. Telemetry indicates that the sail deployed on schedule and the satellite is now believed to be out of power, which NASA said was to be expected. NASA is now asking for visual tracking and sighting reports of NanoSail-D, which is about 650 km above the Earth. According to the agency, when the nanosatellite's sail reflects off the Sun, it could be up to 10 times as bright as the planet Venus -- especially later in the mission when the sail descends to lower orbits. You can track NanoSail-D on the web or on your smart phone. NASA estimates that NanoSail-D will remain in low Earth orbit (LEO) between 70 and 120 days, depending on atmospheric conditions.

Petition for Partial Reconsideration with FCC Regarding Vanity, Club Call Signs

In October 2010, the FCC released a *Report and Order*, detailing rules changes to the vanity call sign system and call signs for Amateur Radio clubs. These new rules are scheduled to go into effect on February 14. The ARRL found that most changes made by the R&O are "reasonable codifications and clarifications of existing policies." But several amended Sections of Part 97 -- including §§ 97.5 and 97.19 -- are unclear. As such, the ARRL filed a *Petition for Partial Reconsideration*, urging the FCC to reconsider and modify these portions "in order to reflect the intent of the *Report and Order*."

In the *R&O*, the FCC took into consideration some of the ARRL's comments, but not all. The ARRL found it "disappointing" that the Commission refused to consider in this proceeding "a series of reasonable proposals aimed at increasing the available pools of Group A call signs." The ARRL, in its comments, asked the FCC to consider several changes that could be made "that would increase the number of desirable call signs available for assignment, both sequentially and in the vanity call sign program, and which would provide greater flexibility in the temporary assignment of special-event call signs in the Amateur Service."

EmComm Bill Reintroduced in New Congress

The Amateur Radio Emergency Communications Enhancement Act, which died at the end of the 111th Congress, has been reintroduced in the 112th Congress as HR 81. The sponsor is Representative Sheila Jackson Lee (D-TX-18). The new bill -- which was introduced on January 5 -- has been referred to the House Committee on Energy and Commerce.

Rep Jackson Lee first introduced the bill -- HR 2160 -- in the 111th Congress in April 2009. It gained an additional 41 co-sponsors but did not progress out of the committee of jurisdiction. A similar bill introduced in the Senate -- S 1755 -- made it all the way through that body in December 2009, but likewise was not taken up by the House. The objective of the bill -- which is supported by the ARRL -- is for the Secretary of Homeland Security to study the uses and capabilities of Amateur Radio communications in emergencies and disaster relief and to identify and make recommendations regarding impediments to Amateur Radio communications, such as the effects of private land use regulations on residential antenna installations.

"We are hopeful that this early start will lead to success in the new Congress," commented ARRL Chief Executive Officer David Sumner, K1ZZ.

East Bay Adopts ARES Standards of Training

Over the past year, ARRL East Bay (California) Section Emergency Coordinator Herbert Cole, AI6AT, visited many ARES groups and presented a vision for the future of ARES within the Section. (East Bay is comprised of Napa, Solano, Contra Costa, and Alameda Counties). Working in cooperation with, and at the behest of Section Manager Jim Latham, AF6AQ, the East Bay Section leadership has been focused on establishing a section-wide ARES protocol that better leverages the talents, resources, training, and needs of the four-county area of responsibility.

As a result of the work that has occurred over the past year, Cole announced that the Section is adopting uniform training standards and credentialing requirements in cooperation with the ARRL San Francisco Section ARES program. The purpose of this action is to enhance their public service mission by pursuing common training and credentials that the may be employed across section boundaries, and to establish

ARRL Update cont.

foundation for a robust and viable ARES Mutual Assistance Team (ARESMAT) capability should the need ever arise.

As provided by the ARRL, the only requirements for ARES membership continue to be a valid Amateur Radio license and a sincere desire to serve. There will now be two levels of East Bay Section ARES membership: Full and Associate.

Those East Bay Section ARES members who have met specific training requirements will be designated Full ARES Members. Full ARES members will be issued photo ID cards free of charge by the Section Manager upon completion of all required training. The training requirements are:

IS-100 Introduction to the Incident Command System (ICS)
IS-200 ICS for Single Resources and Initial Action Incidents
IS-700 National Incident Management System (NIMS) An Introduction
EC-001 Introduction to Emergency Communications - Level 1/Basic

("IS" courses are offered on line at no charge in the FEMA Emergency Management Institute's Independent Study Program. "EC" courses are offered by the ARRL to ARRL members and non-members for a small fee. [Note that the former ARRL Emergency Communications Level 1 course is being revised and will be released as "Introduction to Emergency Communications" early this year. Check for news of availability and enrollment information on the ARRL Web site. This introductory course will provide the basic information needed to participate in ham radio public service and emcomm activities -- ed.]

Full ARES Members will also be expected to complete any training that is required by ARES served agencies. East Bay Section ARES members who have not yet met the specified training requirements will be designated Associate Members. Associate members will be issued the standard ARRL ARES ID (form FSD-224) by their ECs. ARES members must have Full ARES Member status to qualify for ARES leadership appointments and must complete the following requirements within one year of their appointments. Current leadership appointees must attain Full ARES Member status and complete the following requirements by December 31, 2011.

Emergency Coordinator (EC) and Official Emergency Station (OES) appointees:

Full ARES Member requirements plus:
IS-800 National Response Framework, An Introduction
IS-802 Emergency Support Function (ESF) #2 Communications
and either of these two courses:
a. EC-002 Amateur Radio Emergency Communications Course Level II*
b. EC-016 Public Service and Emergency Communications Management for Radio Amateurs

Assistant District Emergency Coordinators (ADEC) appointees and above:

Full ARES Member and EC/OES requirements plus either of these two courses:
a. EC-003 Amateur Radio Emergency Communications Course Level III*
b. EC-016 Public Service and Emergency Communications Management for Radio Amateurs

*Courses EC-002 and EC-003 have been replaced by EC-016 and are no longer offered, but those members who have completed them may use them to meet requirements.

Cole looks forward to working with members to build their ARES program into a model for others across the country to emulate. -- Herbert Cole, AI6AT, Section Emergency Coordinator, East Bay, California [Note: All ARRL online courses (except EC-016) are currently under construction. ARRL HQ is changing platforms and will be offering courses beginning this year. Visit ARRL's Web site for updates and available courses in the future. The currently available Public Service and Emergency Communications Management for Radio Amateurs course (EC-016) will continue to be offered online in its present format.

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Amateur Radio History

The Wayback Machine

by Bill Continelli - W2XOY

November 15, 1945. The day that amateurs had waited for, ever since December 7, 1941. Finally, after three years and 11 months of wartime radio silence, amateurs were allowed back on the air! Granted, we didn't have everything back yet. The initial authorization allowed amateur operations on 10 meters (28-29.7 Mc), five meters (56-60 Mc), and the new two meter band at 144-148 Mc. And there were restrictions on these limited frequencies. Our old pre-war five meter allocation was temporary. The new post-war band was shifted to six meters (50- 54 Mc), but the actual transition would not take place until March 1, 1946. So, we were back on the 56-60 Mc segment for only 3-1/2 months.

On the new two meter band, the frequencies 146.5-148 Mc were unavailable within a 50 mile radius of Washington, DC and Seattle, Washington. The military was still using these frequencies, as well as our 160, 80, 40, and 20 meter HF bands. The military also occupied our new UHF and microwave allocations. It would be months, maybe a year or more, before the Armed Forces would fully vacate our bands and return them to us.

But amateurs didn't care. Unlike 1919, when there was open hostility to us by the military and the threat of our elimination, the post WW II Armed Forces, as well as the FCC, were fully aware of the tremendous assistance that amateurs had given throughout the war and they were eager to give us back our frequencies. The ARRL was working closely with the FCC and the military to get our bands back.

One band, however, was apparently not coming back. Our 160 meter band, the birthplace of our post 1912 operations, was fully occupied by the military with it's new LORAN Radio Navigation System. The Armed Services and the FCC made it clear that this segment was to remain for the use of LORAN. Over the years, the ARRL obtained small concessions -- a 25 Kc segment here and there, 25 watt power limitations, day and night restrictions; but from the 1940s right up to the early 80s, our 160 meter band sounded like a huge broadbanded buzzsaw as LORAN completely dominated it.

But this was a minor blot on the landscape as amateurs rushed to get back on the air. Ten meters was the band they went to first and the 28-29.7 Mc range became crowded with those

WAYBACK MACHINE CONT.

making up for lost time. Two meters was next; hams modified their old 2 1/2 meter equipment to operate on the new band, and soon the rushing sounds of the super-regenerative receiver were everywhere. The more adventurous were trying out something called FM. Five meters was quiet. Since the band was available for only 105 days, many hams spent that time converting their rigs to the new six meter band.

On March 1, 1946, our old five meter band died and the new 50-54 Mc segment was born. Also on that date, to compensate amateurs for the loss of 29.7-30 Mc, we were given an 11 meter band at 27 mc. That's right, the present day CB band was once an amateur allocation.

By May 1946, we had our 80/75 meter allocation back. We also had a temporary allocation from 235-240 Mc, which would soon be shifted down to 220-225 Mc. On November 2, 1946, the FCC finally released our 40 and 20 meter bands. By the end of 1946, we had our full HF spectrum back, 80/75, 40 meters (which was CW only), 20, 11 and 10 meters. Note that there was no 15 meter allocation then. Our 15 meter band did not appear until 1952. The military restrictions on our two meter band were lifted in June 1947, and, except for 160 meters, the military was off of our bands.

By 1947, every amateur band from 80 thru two meters was full of stations. But there was trouble brewing. Amateurs weren't the only ones taking to the airwaves. Television was growing by leaps and bounds. In 1946, there were only 7,000 TV sets. In 1947, the number jumped to 180,000, and by 1948, there were over 1 million TVs in use. Amateurs, who were used to harmonicly related bands and an empty VHF spectrum, were not prepared for the TVI their neighbors were experiencing. A typical unshielded amateur transmitter, operating on 14, 28 or 50 Mc, could wipe out all the TVs in the neighborhood. QST ran a series of articles on proper shielding and filtering of stations and hams gradually learned to eliminate harmonics from their transmitters. But there was one band where shielding and good design didn't seem to help -- six meters. Our 50-54 Mc segment was sandwiched right between TV channel 1 (44-50 Mc) and channel 2 (54-60 Mc). At that time, only channel 2 was actually being used for TV. The channel 1 range was still part of the old pre-war FM Band (42-50 Mc) which was being phased out in favor of the new 88-108 Mc allocation. We were causing interference to WCBS and the other handful of stations on channel 2. And the problem would only get worse when channel 1 became available. Tests were run and an interesting solution was proposed. Because a television video signal is amplitude modulated, operates with a wide bandwidth and uses the lower portion of the TV channel, it was determined that channel 2 was twice as susceptible to interference from a 6 meter station than channel 1 was. The ARRL's proposal to the FCC? Eliminate channel 2, keep channel 1. But this idea didn't sit well with the stations already on channel 2, nor did it win the approval of Major Armstrong, who was still fighting the grand battle to keep FM Broadcast in the 42-50 Mc range. And so, in August 1947, the FCC withdrew channel 1 from the TV allocations. By the end of 1947, all the pre-war FM broadcast stations had disappeared from the 42-50 Mc range, which was then turned over to Public Service. Amateurs learned to operate in the lower portions of 6 meters to avoid TVI to channel 2.

In our next installment, we are going to look at a major upheaval that began 30 years ago and pitted amateur against amateur, and (according to some) the ARRL against hams. I'm talking about incentive licensing, and how it changed the entire licensing structure.

Re-printed with permission. Wayback Machine #12

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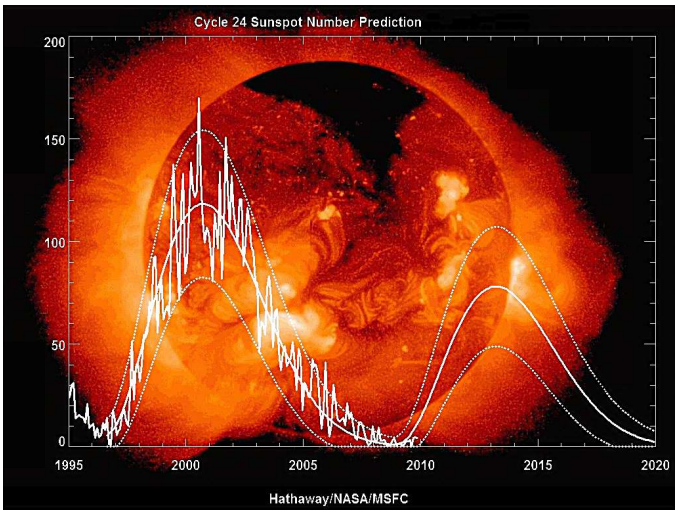
SOLAR UPDATE



THE K7RA SOLAR UPDATE

Tad "Like a comet pulled from orbit as it passes a Sun" Cook, K7RA, reports: The average daily sunspot numbers were up for the past week (ending January 26) by more than 11 points to 32.6, compared to the previous week. The average daily solar flux rose more than 3 points to 83.5. The planetary A index average was down 2 points to 2.9, and mid-latitude A index was down 1.5 points to 2.4. The latest prediction from NOAA/USAF shows lower solar activity with solar flux for January 27-28 at 79 and 78, then 76 for January 29 through February 2, 78 on February 3-4 and 80 on February 5-6. They show planetary A index at 5 on January 27-February 2, then 10 on February 3-4 and 7 on February 5. Geophysical Institute Prague sees quiet conditions January 28 through February 1, quiet to unsettled February 2 and unsettled February 3. Look for more information on the ARRL website on Friday, January 28. For more information concerning radio propagation, visit the ARRL Technical Information Service Propagation page. This week's "Tad Cookism" is brought to you by Stephen Schwartz's *For Good* from the musical *Wicked*.

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CARC PUZZLER

EVENT PLANNING

T T M W M I L I T A R Y T A N K M U S E U M I E U
H Y H U W T V R X E A D L L E D O M Y A B B I T S
G O E I T B U G Y O U R J O B S I T E X C C E P Y
I I M X V D T E I C E C R E A M M E E T I N G J B
N R N V I P A C I F I C P I N B A L L M U S E U M
A T Z P S M U E S U M Y A W L I A R N R E T S E W
Z T O H I L L E R A I R M U S E U M S H A R S Z F
Z A T L H W M A R I N R A D I O S T A T I O N O S
I T H G I N T E K R A M A E L F N E Y W Z U H M I
P T E B L B P P S P H X N R G U Z O F G N F Z E V
S L R M O E S V M R L N Y F H S V H X S A D H D U
L Q C J E F D O K G W K G T G C G W W W B F F Z O
A G L I A J X U T E X I Y T U D U T C W B Y P H A
C M U E S U M N I A R T E T A T S A C O N X Z M W
T F B Y B R B V H O I U D R X T F A R C E L E 0 K
X O S E N I L E S C A N Y O N R A I L W A Y N 0 W
D Y R O T A V R E S B O N O T L I M A H T M F 9 D

Pizza Night
Military Tank Museum
Marin Radio Station
SLAC
Niles Canyon Railway
Your Job Site
Ice Cream Meeting
City T Hunts
Mt Hamilton Observatory
Hiller Air Museum
CA State Train Museum
Bay Model
Pacific Pinball Museum
Western Railway Museum
Elecraft
Other Clubs
900 MHz Demo
Flea Market Night

TRADING POST

I have two BP-243 batteries for an ICOM IC-P7A. that needs a new home. It is new in the box, wrapped in plastic and with the instruction manual. Email or call n6tze@arrl.net (650) 355-0488

Casey-N6TZE

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.

Livermore Swap Meet – 1st Sunday of each month at Robertson Park in Livermore, CA. 7:00AM to 11:30AM
Talk-in: AD6X 147.120 (+) PL 100.
For information, Ian Parker-W6TCP
E-mail: swap@livermoreark.org
Web Page: http://www.livermoreark.org/swap/swap.html

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

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

AM-Tech Day – Monthly – see web page for dates
Sponsored by the Foothills Amateur Radio Society (FARS) and hosted by the Stanford Linear Accelerator Center (SLAC), the FARS Amateur Radio–Technology Day will be held at SLAC's Panofsky Auditorium, cafeteria, and adjoining areas. Am-Tech Day is a monthly venue for local amateur radio operators and other technology innovators to practice and demonstrate their communication skills and emergency-preparedness equipment.
2575 Sand Hill Rd. Menlo Park, CA
Web Page: http://www.fars.k6ya.org/amtechday

LICENSE EXAMS

AERO-Auxiliary Emergency Radio Organization
Contact: Dave Gomberg
Phone: (415) 731-7793
Email: dave1@wcf.com
Web Page: http://www.wcf.com/aero/exams/
When: Sun. February 13th
Location: Jewish Community Center
3200 California Street at Presidio Avenue
San Francisco CA

Bay Area Educational Amateur Radio Society
Offering a one day study session for Technician or General theory, followed by testing. Fee: $30.00
When: Sat. April 23, 2011
Where: Bridges Community Church
625 Magdalena Avenue Los Altos, CA 94024
Registration required, class size is limited.
Web Page: http://www.baears.com/ for info and registration.
Questions: Ross Peterson (650) 349-5349 or wb6zbu@arrl.net

Silicon Valley Volunteer Examiner Group
First and third Saturdays of each month, 8AM-11:00AM.
Saratoga Fire Station 14380 Saratoga Ave, Saratoga, CA
Fee: $15
Walk-ins only, No pre-registration
E-mail: (preferred): mojoteri@attbi.com
Phone: (408) 507-4698 (Morris Jones, AD6ZH)
Web Page: http://pdarrl.org/vec/vecscv/index.html

Sunnyvale VEC Exam Sessions
Fee: $15 Cash
Walk-ins only, No pre-registration
Cut-off-time, 30 min. after starting time.
Exam: changes, directions, call (408) 255-9000 24/hr
E-mail: wb6imx@worldnet.att.net
Web Page: http://www.amateur-radio.org

Sat	Feb 12th	Sunnyvale, CA	10:30	AM
Sat	Feb 19th	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 12th	2011 Agenda Planning, LM Fire Station
Feb 9th	2011 Agenda Finalizing, LM Fire Station
Mar 9th	Pizza Night, Round Table Pizza LM Center
Apr 13th	Linda Mar Fire Station
May 11th	Linda Mar Fire Station
Jun 8th	Field Day Planning Mtg, LM Fire Station
Jun 25-26	CARC Field Day, Sweeney Ridge
Jul 13th	Field Day Wrap-Up Mtg, LM Fire Station
Aug 10th	Back to School Night, LM Fire Station
Sep 14th	Linda Mar Fire Station
Sep 24-25	Pacific Coast Fog Fest, Pacifica
Oct 12th	2011 Officer Nominations, LM Fire Station
Nov ?	Election Dinner
Dec 14th	Holiday Potluck Dinner Meeting, LM Fire

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

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CERT COMMUNITY EMERGENCY RESPONSE TEAM **www.smcready.org** SAN MATEO COUNTY SHERIFF'S OFFICE OES HOMELAND SECURITY EMERGENCY SERVICES

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; and a Packet digipeater, WA6TOW-1. Users of the machines provide repeater support and maintenance strictly through donations.

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

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

Digipeater: 145.050 MHz, Packet Node: PAC

CARC/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.

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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 editors.

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

52 Years COASTSIDE AMATEUR RADIO CLUB WA6 TOW SINCE 1959 PACIFICA, CA of Service

42 Years A R R L 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 Area EOC 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.

CLUB OFFICERS				
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MEETING NOTICE: FEBRUARY 9TH @ 730 PM LINDA MAR FIRE STATION — AGENDA FINALIZING MEETING

COASTSIDE COMMUNICATOR

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

FIRST CLASS

TO:

52 Years of Service
COASTSIDE AMATEUR RADIO CLUB
WA6 TOW
SINCE 1959
PACIFICA, CA