



THE COASTSIDE COMMUNICATOR

VOL. 41, No. 9

SEPTEMBER 2009

WWW.COASTSIDEARC.ORG

PRESIDENT'S COLUMN

Will return next month

AUGUST MINUTES

The August 2009 club meeting was called to order at 7:35 p.m. by club president Bob Barbitta-W6LOG at the Linda Mar fire station in Pacifica. Self-introduction by the members followed.

The minutes from the July meeting, as recorded in the August newsletter, were read and approved by voice vote, following a motion by Dave Lawrence-KF6TWW, and second by Gary Barnes-KI6HIG.

TREASURER'S REPORT

Frank Erbacher-N6FG provided the following report of the club's financials: \$501.00 in the General Fund; \$3049.97 in the Repeater Fund; \$366.91 in the Digipeater Fund, and \$3139.61 in the EOC/Public Service Fund. These individual fund totals add up to a club total of \$7057.49. Bills to be paid include \$35 for printing and mailing of the August 2009 newsletter, \$20 for transportation costs incurred in a trip up to the Montara Mountain repeater site, \$22 for transportation/expenses incurred in attending the July NARCC meeting. A motion by Frank Erbacher to pay these bills, with a second from Roy Brixen—KE6MNJ was approved on a voice vote.

Frank Erbacher provided a bit of background for the benefit of new members on how the general fund is spent and replenished during the year.

COMMUNICATIONS

A newsletter from the Santa Clara County Amateur Radio Association ("SCCARA-GRAM" for July and August), "Short Skip" for June and July, the newsletter of the San Fran Amateur Radio Club for July and August, and the U.S. Bank statement for July were received in the mail. A receipt for the previously paid-up porta potty bill, as well as a mailing from Project-Parts.com, Clearwater FL, were also received.

MEMBERSHIP

Total club membership stands at 80, 78 of whom are licensed members. Sixty-one (78%) of the licensed members are ARRL members.

COMMITTEE REPORTS

REPEATER

Operational

AUTOPATCH

Operational

DIGIPEATER

Operational

EMERGENCY SERVICES

No new developments since the July meeting. The grid map of Pacifica promised by the city has not been received. Bob Barbitta announced that the proposed emergency services VHF/UHF frequency list for all of the municipalities in the county has been approved by the county CERT Coordinating Committee and will be mailed out to all of the EOC reps for review.

FIELD DAY

Field Day 2009 was well covered during the July meeting.

FOG FEST

Frank Erbacher has the signup list for the Pacifica Fog Fest to be held on September 26 and 27, 2009. The Club will assist by providing radio communications for the event from the headquarters office for a period of 12 hours each day. The event uses commercial communications equipment, and not amateur frequencies, thus avoiding any conflicts with the regulations for amateur radio. The event provides some good net controller training and helps promote community awareness of the Club's community service contributions. Check you email for the sign up schedule in the near future.

NEWSLETTER

No update provided.

WEBSITE

No update provided.

OLD BUSINESS

None.

NEW BUSINESS

1. Bill Lillie—N6BCT was reported to have had some recent medical problems but is now resting easily.

2. Frank Erbacher provided a short briefing to the group on an amateur radio event, the International Lighthouse and Light Ship Weekend, to be held on 15 and 16 August. Details are available at <http://illw.net>.

3. The next Am-Tech Day will be held on 15 August at the SLAC National Accelerator Laboratory.

A motion to adjourn the business meeting was approved at 8:10 p.m. on a voice vote following a motion by Frank Erbacher and second by Casey Villyard-N6TZE.

"The Professor", Roy Brixen, presented "Back to School Night--2009". The subject of Roy's excellent presentation was "The Resonant Cavity—RF Black Magic and Basic Theory of Inductance."

PRESENT AT THE MEETING

Bob Barbitta-W6LOG, Roger Spindler-WA6AFT, David Rinck-K6DMR, Tom Mullarkey-AA6TMM, Ed Freeman-KD6TWK, Casey Villyard-N6TZE, Joshua Villyard-N6TZF, Justyn Zachariou-KI6USU, Rebecca Lynn-KJ6AKK, Roy Brixen-KE6MNJ, Ralph Kugler-KC6YDH, Norman Noble-WB6YSL, Rab Hagy-KJ6AMO, Ralph Bailey-K6DLZ, Jane Bailey-KF6PGF, Gary Barnes-KI6HIG, Orval Chadsey-N6OZI, Frank Erbacher-N6FG, Dave Lawrence-KF6TWW, Jacquie Lawrence, Arnott Smith-KF2TM, Alan Wilhelmi-KI6QWY and George Tucker-W6HAF.

Reported by George Tucker-W6HAF Secretary

NEWS

VOLUNTEERING FOR PACIFIC COAST FOG FEST 2009, SEPT. 26 AND 27

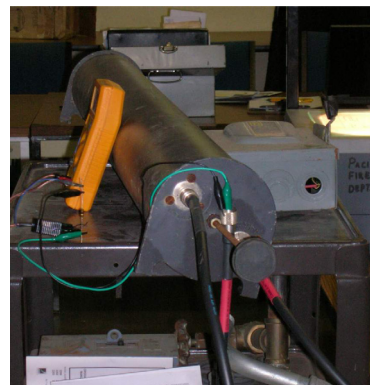
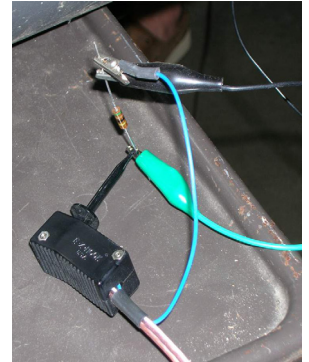
The Coastside ARC will again act as message and radio equipment dispatchers for the Fog Fest in Pacifica. So far we have had a very good number of volunteers and I expect that the time slots will not run for more than two hours except at start up and ending shifts. If you want to help I can team you up on a shift so you spell each other.

The Fog Fest rents Commercial VHF communication equipment which is checked by us, assigned to workers and logged in and out. We also act as central dispatch when needed and as a message center. It is not a difficult job. Shifts cover 12 hours on both Saturday and Sunday, 7 AM to 7 PM. If there are more volunteers then shifts are shorter. If you can volunteer even if you haven't before, please contact me at 650-355-4355, on the Wednesday evening net or at our meeting. Thank you.

Frank-N6FG



BACK TO SCHOOL NIGHT PICTURES



ARRL UPDATE

SANTA CRUZ HAMS PROVIDE SUPPORT DURING WILDFIRES

As wildfires threaten the central California coast near Santa Cruz -- located between San Jose and Monterey -- area radio amateurs have been providing support to law enforcement and fire authorities. According to Santa Cruz County Public Information Officer Bill Conklin, AF6OH, the Santa Cruz County Emergency Operations Center requested support from ARES on Wednesday, August 12: "We activated and established an informal Net to provide fire support resources." Just two days later, Governor Arnold Schwarzenegger declared a State of Emergency for Santa Cruz County.

On Thursday, three amateurs staffed the County's Emergency Operations Center for the ARES Net, beginning at 5 AM and going for 16 hours. Monterey County ARES District Emergency Coordinator Dave Burbidge, W6IIQ, also helped to provide coverage.

"Once we were activated, about 30 amateurs signed in to a Resource Net on a local repeater managed by Bob Wolbert, K6XX," Conklin said. "These hams were assigned various duties, including providing support for animal rescue operations. Some were assigned to specific locations in order to support law enforcement and fire authorities. The Santa Cruz Chapter of the American Red Cross initiated

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staffing and evacuation centers on Wednesday night, and we deployed the ARES Step-Van to support a shelter in Davenport, about 15 miles north of Santa Cruz on Highway 1. Due to the low volume of shelter clients, these facilities did not require further staffing by local ARES team members."

Officials declared a mandatory evacuation in the affected area on Thursday, namely for the towns of Swanton and Bonny Doon; an estimated 2500 people were evacuated from their homes. On Sunday, officials allowed residents from Bonny Doon who had been evacuated to return to their homes, but warned them to be on a state of alert and to be ready to move as needed.

Dubbed the Lockheed Fire, the blaze was 90 percent contained on Friday, August 21. More than 7500 acres are affected by the blaze; the cause of the fire is under investigation. Approximately 2000 firefighters -- equipped with almost 300 fire engines, 14 helicopters, 30 bulldozers, six air tankers and 21 water tenders -- were trying to get the fires under last weekend. As of August 21, there are 1595 fire personnel on site with 125 engines and five helicopters. To date, no homes have been destroyed by the fire, but 13 outbuildings were burned to the ground. The damage is estimated at \$21.4 million.

Conklin said that the Santa Cruz County Equine Rescue Team was activated in response to the fire, providing large animal rescue support. "In the past year, many members of the team received their Amateur Radio license," he explained. "They were instrumental in organizing and rescuing horses, llamas, alpacas, goats, sheep, chickens and ducks, as well as arranging transport for 100 head of cattle. Working in conjunction with County of Santa Cruz County Animal Services, they were able to transport and relocate the animals to safety at two sites within the county."

Volunteers staged an equine and large animal rescue at the cement plant in Davenport. A shelter for smaller animals was established at the Santa Cruz County Fairgrounds in Watsonville, about 15 miles south of the City of Santa Cruz.

The weather continues to be a major concern, as do the steep terrain and limited access to the fire's perimeter, Conklin said: "Conditions continue to be very fluid and may change quickly based on weather factors. Firefighters will continue to construct fire line around the perimeter of the fire." Governor Schwarzenegger visited the Fire Operations Center in Watsonville and thanked all of the firefighters for their assistance.

"Once again, Amateur Radio and ARES proved to be an essential resource in times of emergency," Conklin said. "The citizens of Santa Cruz County are fortunate to have this trained, technical resource available to provide these essential communications resources."

ARRL SECTION MANAGER ELECTION RESULTS

Of the nine Sections holding Section Manager elections this month, three will be getting new Section Managers: Los Angeles, South Texas and Georgia. The Sacramento Valley, Eastern Washington, Colorado, Western Washington, West Virginia and San Francisco Sections will keep their incumbent Section Managers. The new terms of office start October 1,

2009. Ballots were counted at ARRL Headquarters on Tuesday, August 18.

In Los Angeles, David Greenhut, N6HD, of Woodland Hills, was elected as the new Section Manager with 838 votes. He defeated incumbent Phineas Icenbice, W6BF, who received 149 votes. Icenbice has been the Los Angeles Section Manager for 11 straight terms of office since October 1, 1987. Greenhut, a licensed radio amateur for 35 years, has a strong interest in ARES and emergency communications; he has served as the District Emergency Coordinator for the Northwest District of the Los Angeles County since 2006.

With 647 votes, Lee H. Cooper, W6LHC, of Leander, was elected Section Manager of the South Texas Section. Challengers Lou Everett, Sr, WA5LOU, of Kennard, received 601 votes and Gary Tangrady, K5GST, of San Antonio, received 142 votes. Cooper, presently the South Texas Section Public Information Coordinator, is active in emergency communications, representing ARES on the newly formed State Communications Coordination Group. He was also the Travis County Emergency Coordinator from 2000-2004. Cooper will be taking on the Section Manager's role from Ray Taylor, N5NAV, of San Antonio. Section Manager since 1997, Taylor decided not to run for another term of office.

In Georgia, Eugene "Gene" Clark, W4AYK, of Albany, will be stepping into the Section Manager's position. He will be taking over from Susan Swiderski, AF4FO, who has been Section Manager since 2002. Swiderski, co-recipient of this year's Joe Knight Distinguished Service Award, decided not to run for another term of office. Clark has been the Georgia Section Emergency Coordinator for the last year and was a District Emergency Coordinator prior to that appointment.

The following incumbent ARRL Section Managers did not face opposition and were declared elected for their next two year terms of office beginning October 1, 2009: Ron Murdock, W6KJ, Sacramento Valley; Mark Tharp, KB7HDX, Eastern Washington; Jeff Ryan, K0RM, Colorado; Jim Pace, K7CEX, Western Washington; Ann Rinehart, KA8ZGY, West Virginia; and Bill Hillendahl, KH6GJV, San Francisco.

ARRL PRESIDENT HARRISON PRESENTS LEAGUE'S VIEWS ON DISTRACTED DRIVING LAWS TO SAFETY ADVOCACY GROUP

To ensure that Amateur Radio is not an unintended victim of the growing public debate over what to do about distracted drivers, ARRL President Joel Harrison, W5ZN, has written a letter to the National Safety Council (NSC) <http://www.nsc.org/>, highlighting issues regarding the use of Amateur Radio emergency communications devices in vehicles http://www.arrl.org/news/files/NSC_Letter7-30-09.pdf. Many states have outlawed the use of cell phones while driving; some states with these laws have ambiguous wording (such as "mobile communication devices" or "mobile electronic devices") concerning the use of Amateur Radio while driving.

According to their Web site, the NSC is "on a mission" to "alert the American public that different kinds of distractions have different levels of crash risk. Talking on a cell phone and sending text messages are much higher risk activities that occur for longer durations and with more people than most

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other actions engaged in while driving." They also seek to "lead a change in our nation's cultural norms, so people come to view cell phone conversations and text messaging while driving as unsafe and socially unacceptable. Calling for a legislative ban on these activities is the first step in a long-term process to educate Americans to their risk and change the culture"

http://www.nsc.org/resources/issues/distracted_driving.aspx

Harrison explained to NSC President Janet Froetscher that Amateur Radio operators provide essential emergency communications when regular communications channels are disrupted by disaster: "Through formal agreements with federal agencies, such as the National Weather Service, FEMA and private relief organizations, the Amateur Radio volunteers protect lives using their own equipment without compensation. The ability of hams to communicate and help protect the lives of those in danger would be strictly hindered if the federal, state and local governments do not ensure that Amateur Radio operators can continue the use of their mobile radios while on the road."

According to ARRL Chief Executive Officer David Sumner, K1ZZ, it boils down to the difference between simplex -- when only one message can be sent in either direction at one time -- and duplex -- a communications mode, such as a telephone system, that provides simultaneous transmission and reception in both directions. Harrison, citing Sumner's 40-plus years of experience as an Amateur Radio operator, puts it this way: "Simplex, two-way radio operation is simply different than duplex, cell phone use. Two-way radio operation in moving vehicles has been going on for decades without highway safety being an issue. The fact that cell phones have come along does not change that."

Harrison attached a copy of the ARRL's Policy Statement on Mobile Amateur Radio Operation to the letter to the NSC. "Amateur Radio mobile operation is ubiquitous, and Amateur Radio emergency and public service communications, and other organized Amateur Radio communications activities and networks necessitate operation of equipment while some licensees are driving motor vehicles," the Policy Statement reads. "Two-way radio use is dissimilar from full-duplex cellular telephone communications because the operator spends little time actually transmitting; the time spent listening is more similar to, and arguably less distracting than, listening to a broadcast radio, CD or MP3 player. There are no distinctions to be made between or among Amateur Radio, public safety land mobile radio, private land mobile radio or citizen's radio in terms of driver distraction. All are distinguishable from mobile cellular telephone communications in this respect. Nevertheless, ARRL encourages licensees to conduct Amateur communications from motor vehicles in a manner that does not detract from the safe and attentive operation of a motor vehicle at all times. See the Policy Statement on the ARRL Web site:

<http://www.arrl.org/govrelations/MobileAmateurRadioPolicyStatement.pdf> "The ARRL acknowledges numerous and increasing instances of state legislative proposals (and occasionally municipal ordinance proposals) to curb the use of cellular telephones while operating motor vehicles, ranging from prohibitions on hand-held telephones to prohibitions on all forms of electronic devices," the Policy

Statement maintains. "These statutory proposals would supplement the more generalized motor vehicle code requirements that exist in various forms in virtually all States, which require operators of motor vehicles to pay full time and attention to the operation of the vehicle while driving. ARRL understands that driver inattention is a leading cause of automobile accidents, and it is not unreasonable to be concerned about substantial distractions to drivers of motor vehicles."

Saying that the League understands that driver inattention is a leading cause of automobile accidents, "it is not unreasonable to be concerned about substantial distractions to drivers of motor vehicles. Given the necessity of unrestricted mobile Amateur Radio communications in order for the benefits of Amateur Radio to the public to continue to be realized," the policy statement reads, "the ARRL urges state and municipal legislators considering restrictions on mobile cellular telephone operation to (I) narrowly define the class of devices included in the regulation so that the class includes only full duplex wireless telephones and related hand-held or portable equipment; or alternatively (II) specifically identify licensed Amateur Radio operation as an excluded service."

"The ARRL is aware of no evidence that [mobile] operation contributes to driver inattention," the Policy Statement asserts. "Quite the contrary: Radio amateurs are public service-minded individuals who utilize their radio-equipped motor vehicles to assist others, and they are focused on driving in the execution of that function."

ARRL RESPONDS TO FCC'S PROPOSED ALLOCATION FOR MEDICAL DEVICES IN 70 CM BAND

ARRL General Counsel Chris Imlay, W3KD, on behalf of the ARRL, filed comments

http://www.arrl.org/news/files/MannFoundationDocket_09-36Comments08_11_09.pdf on August 11 regarding a Notice of Proposed Rule Making (NPRM), ET Docket 09-36, issued by the FCC in March 2009

http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-09-20A1.pdf. In the NPRM, the FCC proposed to allocate spectrum and adopt service and technical rules for the utilization of new implanted medical devices that operate on 413-457 MHz (70 cm). According to the Commission, these devices -- called implanted neuromuscular microstimulators -- would greatly expand the use of functional electric stimulation to restore sensation, mobility and function to those persons with paralyzed limbs and organs; they would be implanted in a patient and function as wireless broadband medical micro-power networks (MMNs). These devices would be used on the 70 cm band on a secondary basis as part of the Medical Data Radiocommunication Service in Part 95 of the FCC rules. The Amateur Radio Service has a secondary allocation in the 70 cm band.

Researchers with the Alfred Mann Foundation -- a leading medical research organization located in Santa Clarita, California <http://www.aemf.org/> -- have developed a wireless medical micro-power network to tie together tiny devices implanted in victims of paralysis, creating an artificial nervous system to restore sensation, mobility, and function to paralyzed limbs and organs. "The Mann Foundation argues that the frequency range just above 400 MHz is optimum for

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Their application, which requires no more than 1 mW of RF spread across about 5 MHz of bandwidth," ARRL Chief Executive Officer David Sumner, K1ZZ, wrote in "It Seems to Us," published in the June 2009 issue of QST <http://www.arrl.org/news/features/2009/06/01/10784/>.

"However, recognizing the presence of a variety of incumbent radio services in that range, specifically including the amateur service, they have proposed four channels for flexibility in avoiding localized interference. Two of the four channels are 426-432 and 438-444 MHz; the other two are above and below the 420-450 MHz band."

In its comments to the FCC regarding the NPRM, the ARRL said it believes that the choice of frequency bands for MMNs as proposed is "unfortunate and unnecessary" and that "the WMTS [Wireless Medical Telemetry Service] offers a far more suitable solution than does the 413-457 MHz band for MMNs."

Sumner, in his editorial, said that the FCC's proposed rules raise two concerns: "First and foremost, the devices would be required to accept interference only from stations authorized to operate on a primary basis. The Mann Foundation has assured us that amateur stations will not cause its system to malfunction, so we see no reason why this cannot be reflected in the rules, even though our allocation is on a secondary basis. Second, while the Mann Foundation researchers appear to have done their homework, others who try to take advantage of the new rules may not be as rigorous." The ARRL asserts in its comments that due to redundant interference rejection design, the devices developed by the Alfred Mann Foundation "appear to have some reasonable prospect of avoiding the disastrous consequences of RF interference to implanted MMNs." The ARRL stressed, however, that the FCC should not permit the marketing of MMNs or any similar device in the 420-450 MHz band: "(1) unless and until thorough RF interference susceptibility testing is conducted on the AMF devices relative to high power Amateur Radio equipment; (2) at parameters other than those inherent in the Mann system, which incorporates notably redundant interference rejection design characteristics; and (3) without very specific patient notifications and labeling of the body-worn MCUs [Master Control Units] and other portable components which provide firm assurance that the devices will not malfunction in the presence of RF fields from authorized radio services in the same bands."

The ARRL did acknowledge that it thought the Commission to be correct when it stated in the NPRM that "[g]iven the low transmitter power and duty cycle limits that would typically be used by either the implanted MMN device or the external MCU, we expect that the risk of interference from MMNs to incumbent operations in these frequency bands would be negligibly small." The ARRL pointed out, however, that no testing has been done to verify this conclusion and "such testing should be concluded and the results analyzed before this anticipatory conclusion can be relied upon."

In its comments, the ARRL made note of the fact that there is Part 90 spectrum above 450 MHz available for low-power biomedical telemetry, but "the Alfred Mann Foundation argues that bands between 450 and 470 MHz are unsuitable due to the fact that the band is 'congested and populated with

commercial, high-power transmitters that could preclude reliable operation of lower-power, wireless medical implant devices.' This, the ARRL said, "is a very worrisome contention, and not the argument that should be made by the proponent of a new service that is secondary to other incumbent licensees. ARRL contends that if the 450-470 MHz band hosts services that are incompatible with reliable operation of MMNs, then the 420-450 MHz band, and especially the segment proposed for MMNs at 438-444 MHz is equally incompatible with MMNs."

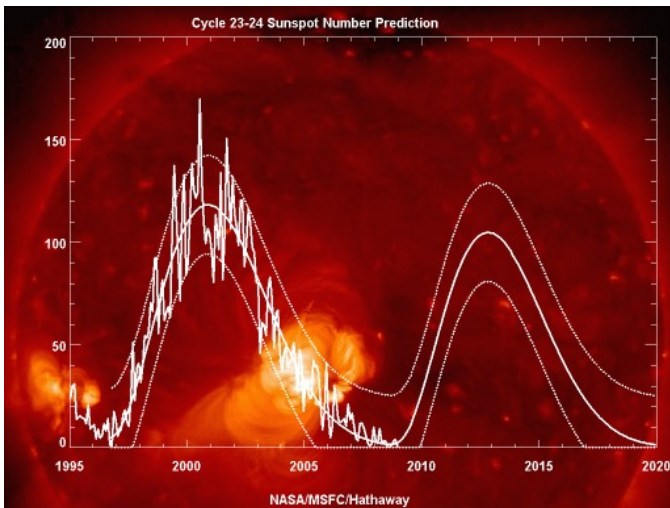
Pointing out that Amateur Radio television transmitters and repeaters and FM voice repeater input and outputs operate in this segment in particular, "the potential for interference to MMNs is on the same order, or worse, than would be the case if MMNs were to operate in the Part 90 biomedical telemetry band between 450 and 470 MHz," the ARRL told the FCC. "In the segment 426-432 MHz, amateur television stations transmit on a wide bandwidth basis. Amateur Radio stations are permitted to operate at power levels up to 1500 W PEP output, and the RF environment at 420-450 MHz, with primary government radiolocation facilities and highpower amateur facilities is no more conducive to reliable MMN operation than would be the 450-470 MHz band."

The ARRL also voiced concerns that nowhere in the NPRM does it mention what the allocation status of MMNs would be relative to the Amateur Radio Service. Though the Alfred Mann Foundation has proposed that MMNs would be secondary to incumbent licensed operations in the subject bands, the Amateur Service is presently secondary to government radiolocation in this band; this represents a cooperative sharing arrangement that is satisfactory to both government agencies and the Amateur Service, the League contends.

"While it is presumed that the proposal is for MMNs to be secondary to both government radiolocation and to the Amateur Service (as opposed to Amateur stations and MMNs being co-secondary) this is not clear from the NPRM," the ARRL maintained. "Because the interference susceptibility of MMN devices generally is not known, it would be improper to create a co-secondary allocation for MMNs anywhere in the 420-450 MHz band at this time. The Amateur Service has a practical inability to protect patients wearing RF susceptible MMNs from interference from ongoing amateur operations in the 420-450 MHz band, and therefore all MMN operation is going to have to be conditioned on the ability to withstand and operate in the presence of such high-power signals, and thus subordinate in allocation status to the Amateur Service. Unless this interference rejection capability is demonstrated by MMN proponents in advance, the devices should not be allowed to operate anywhere in the 420-450 MHz band."

"Imlay and ARRL Technical Relations Manager Brennan Price, N4QX, met with the Alfred Mann Foundation in February 2009, but Imlay said that so far, they have not responded to the ARRL's request to "cooperate in a firm statement that their devices would not malfunction in the presence of nearby RF signals from Amateur Radio stations. Failing that, these comments reflect our continuing concern about the effect on implant patients from unpredictably close Amateur Radio station operations. Other radio services affected, both above and below the 430-450 MHz band, are taking similar positions."

SOLAR UPDATE



THE K7RA SOLAR UPDATE

Tad "Suspended in the blinding, sunlit blue" Cook, K7RA, this week reports: The quiet Sun continues to baffle us. If there are no sunspots today -- and I don't expect any to emerge -- this will be the 42nd day in a row with no sunspots; July 10 was the last day we saw any spots. There is really no way to predict when the next sunspot will appear. If we see no sunspots through the end of the month, then nearly 80 percent of 2009 so far will have been spotless. Sunspot numbers for August 13-19 were 0, 0, 0, 0, 0, 0 and 0 with a mean of 0. The 10.7 cm flux was 67.2, 67.6, 68.1, 68.8, 68.1, 67.4 and 67.1 with a mean of 67.8. The estimated planetary A indices were 5, 4, 3, 3, 3, 4 and 10 with a mean of 4.6. The estimated mid-latitude A indices were 3, 2, 1, 0, 2, 2 and 8 with a mean of 2.6. For more information concerning radio propagation, visit the ARRL Technical Information Service Propagation page <http://www.arrl.org/tis/info/propagation.html>. To read this week's Solar Report in its entirety, check out the W1AW Propagation Bulletin page <http://www.arrl.org/w1aw/prop/>. This week's "Tad Cookism" brought to you by Dana Gioia's "California Hills in August" <http://www.danagioia.net/poems/californiahills.htm>.



COMING EVENTS

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>

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

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

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: Sunday, September 13th, 2009 8:45AM - 3:00PM
Location: Saint Mary's Hospital, 450 Stanyan (at Fulton) 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
(Morse Code tests will be not be given.)
When: Oct 17th 8am-5pm
Where: Fremont, CA
Registration required, class size is limited.
Web Page: <http://www.baears.com/> for info and registration.
Questions: Ross Peterson 650-349-5349 or wb6zbu@arrl.net

Silicon Valley Volunteer Examiner Group

First and third Saturdays of each month, 8AM-10:30AM.
Saratoga Fire Station 14380 Saratoga Ave, Saratoga, CA
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	Sep 12	Sunnyvale, CA	10:30	AM
Sat	Sep 19	Redwood City, CA	10:30	AM

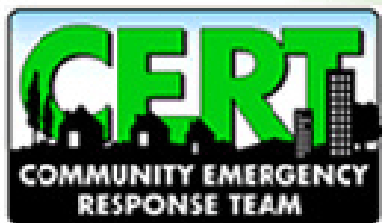
Online Practice Exams

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 14 th	2009 Agenda Planning, LM Fire Station
Feb 11 th	2009 Agenda Finalizing, LM Fire Station
Mar 11 th	Pizza Nite-Round Table Pizza LM Shopping Ctr
Apr 8 th #	Linda Mar Fire Station
Apr 25 th	Computer Museum Field Trip, Mt. View
May 13 th	Home Brew Night, LM Fire Station
Jun 10 th	Field Day Planning Mtg, LM Fire Station
Jun 27-28	CARC Field Day, Sweeney Ridge
Jul 8 th	Field Day Wrap-Up Mtg, LM Fire Station
Aug 12 th	Back to School Night w/Roy-KE6MNJ, LM Fire
Sep 9 th	D-Star presentation, Tim Barrett-K6BIV LM Fire
Sep ?	T-Hunt and Picnic, Frontierland Park-Pacifica
Sep 26-27	Pacific Coast Fog Fest, Pacifica
Oct 7 th	2010 Officer Nominations, LM Fire Station
Nov 7 th	Election Dinner, Nick's Restaurant
Dec 9 th	Holiday Potluck Dinner Meeting, LM Fire

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



www.smcready.org

THE COASTSIDE AMATEUR RADIO CLUB

The Coastsides Amateur Radio Club (CARC) is affiliated with ARRL, and meets the second Wednesday of each month at 19:30 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 VHF Simplex: 146.490 MHz

VHF Net

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

HF Net

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



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

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



COASTSIDE NETS AND INFORMATION

Tuesday

8:00 PM on WA6TOW 146.925
 MHZ, PL 114.8 and KC6ULT
 146.865 MHz, PL114.8

simultaneously, but not linked. San
 Mateo County Area EOC Net.
 Contact Peter Liljequist-AA6PL
aa6pl@arrl.net

Wednesday

9:00 PM on WA6TOW 146.925
 MHZ, PL 114.8 Coastside Amateur
 Radio Club Wednesday night
 Check-in.
 Contact Robert Barbitta-W6LOG

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.
 Contact Bill Lillie-N6BCT
n6bct@arrl.net
 (650) 726-3630

CLUB OFFICERS				
Office	Name	Call	Phone	E-Mail Address
President	Robert Barbitta	W6LOG	(650) 878-8716	w6log@arrl.net
V. President	Ralph Bailey	K6DLZ	(650) 341-6236	kc6dlz@aol.com
Secretary	George Tucker	W6HAF	(650) 728-2823	w6haf@arrl.net
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CLUB STAFF				
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COASTSIDE COMMUNICATOR

DAVID RINCK, EDITOR
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 PACIFICA, CA 94044

FIRST CLASS

TO:



MEETING NOTICE:

D-STAR PRESENTATION
 W/ TIM BARRETT-K6BIV
 SEPTEMBER 9TH 2009 – 7:30P.M.
 LINDA MAR FIRE STATION
 PACIFICA, CA



Serving Bay Area Amateurs, and providing emergency communication services to the City of Pacifica

WWW.COASTSIDEARC.ORG