September 16, 2015

QUA CVARC

A Newsletter for the Conejo Valley Amateur Radio Club

www.cvarc.org

In this issue:

Trivia Corner:

[This element was left hanging by the editor's failure to include it in the August newsletter, with apologies—Ed.]

The answer to whose radio tops the Sherwood tests (but for one SDR) and costs far less than $10,000 is the Elecraft K3 (RX Gain Recal) with its New Synthesizer. So, who in CVARC has a K-3? Can you name three?

A Message From Our Club President:

I have met the speaker for our next meeting… and it is us!!!

Yup, we are featuring all of us talking about our antennas… the stealthy… the home-brew… how we deal with the HOA restrictions of our neighborhoods. How we get the least compromised signal out of our installations while being CC&R-abiding citizens.

Adrian is moderating this one… so, it has gotta be good!!

Acorn Acres will be jumping again soon. The CVARC Picnic and Mini-Field Day is scheduled for Oct 3rd… 9am to 4pm for the radio operations… possibly a narrower timeframe for the eat-only crowd while centering around a noon meal.

The day is designated the "California QSO Party" by the ARRL. So bring your rigs and set up to… talk a little… eat a little… and repeat as needed!! More on this at the meeting.

It is good to see the schedule of events back in the Newsletter and in a new format!! Your Board Of Directors is working with a new Website Team to stay current on our Web pages as well. (next page)

(continued)

Ya gotta admit that Web Mastering is too huge a job for one person. We'll hear some new and exciting ideas from the Web Team to help us attract new members.

The first Amateur Extra License Study Class will be finishing up the last Saturday of September and will be ready for Jeff Reinhardt's VE Team on the 11th of October. The key to remembering the dates of CVARC-Sponsored VE exams is this… They are always on the second Sunday of every even-numbered month at the Sheriff's' Station at 8am.

Kudos to Steve Leong for receiving a Community Service Grant from Northrop Grumman for the sake of CVARC!! Steve is helping us rejuvenate the ACS antenna farm on the roof of the Sheriff's Station. Many Thanks, Steve.

We have four candidates for the Hugh Bosma Legacy Award to this date. We can't say who they are, but the Board needs your input here. Which member of CVARC do you believe best personifies the mentoring and nurturing spirit of Hugh as well as his selfless contributions toward the advancement of CVARC and Amateur Radio?

There will be three vacancies on the Board for the coming year. We need your nominations for their replacements. Join us. Contribute to the advancement of your Club?

See you at the meeting.

Cheers, Tim, *K6POI*

CVARC VE Session Report – August 9, 2015

The August CVARC VE session served five candidates. Among those who earned new licenses or upgrades were:

Name	Call	New License Class
Michael Christiansen	KK6VYR	Technician
Stuart Forman	KK6VYS	Technician
Benjamin Herrera	KK6SUT	General
Donald Porter	WA6EQL	Extra
Sean Stephens	KK6VYT	Technician

The next CVARC VE session will be held Sunday, October 11 at 8:30 a.m. at the East Valley Sheriffs Station.

CVARC VE sessions are sanctioned by the ARRL VEC and are conducted by a team of experienced Volunteer Examiners. Participating Volunteer Examiners at the June session included the following: George Tamayo, WD6EJO; Ken Sandberg, KS3I; Rob Hanson, W6RH; Steven Seegmiller, AC6OJ; Tim Wheeler, K6POI; and, Zak Cohen, N6PK. CVARC Volunteer Examiners donate their time to help advance Amateur Radio and their assistance is greatly appreciated. VE sessions are one of the components that help CVARC qualify for the ARRL's special service club designation. [**These results delayed by the FCC; NOT Jeff Reinhardt, AA6JR**]

Submitted by Jeff Reinhardt AA6JR, CVARC VE Session Coordinator

Orv Beach, W6BI, the Speaker for the Month of September:

Orv Beach will join us at *Yolanda's Mexican Restaurant* in Simi Valley before he addresses CVARC members who attend our September meeting. Credit is due Greg Lane, K7SDW, for helping us get in contact with Orv who will speak about Digital Mesh Radio on the microwave bands. A ham, first licensed in 1969, Orv worked digital modes beginning with CW and through a myriad of other such modes culminating in his present interest in the cutting edge mode of Mesh Radio. This should be interesting, especially for those of us who have lost or been denied HF antennas on our properties.

Dinner with the Speaker:

Please join us for a tasty but not too spicy Mexican bill of fare at *Yolanda's Restaurant,* located at 590 East Los Angeles Avenue, around 5:30 PM. Phone is (805) 306-9933. Take the 23 freeway north to the Tierra Rejada off-ramp. Turn right. Once you pass Olsen Road, Tierra Rejada turns into Los Angeles Avenue. You will be heading east. Just passed Simi's Harley Bowl on the right, you will find the restaurant on the right facing Los Angeles Avenue. Prices are reasonable, the service is good to match the food. You have to eat, right? It's an easy drive on Olsen Road back to the ECSS.

ARRL Santa Barbara Section Manager Election:

QUA CVARC was asked to publish campaign information by two candidates for the upcoming election of the Santa Barbara Section Manager. Each candidate agreed that neither shall see the other's statement prior to our publication of both. Both were allotted one and one-half pages, the size of the initial submission, so nothing was edited by *QUA CVARC*. Members are encouraged to review *QST,* the official ARRL magazine for details of the election timing and how they may vote. The candidate statements follow.

MY VISION: SANTA BARBARA SECTION 2016-17

Robert E. Griffin, K6YR

ARRL Santa Barbara Section Manager

I am seeking your support and vote in the October-November 2015 ballot-election to be retained as Santa Barbara Section Manager for the 2-year term beginning January 1, 2016.

Leading by example has been my life-long approach in my military, public service and volunteering career. A Section Manager should be an active radio amateur, involved in diverse aspects of the hobby, particularly in public service communications and in improving operator skills and by mentoring others.

First licensed in 1956, my interests have focused on planning, documenting and operating stations (particularly CW traffic-handling, DX and QRP contesting), and experimenting with wire antenna systems. I am active on HF, VHF and UHF, using CW, digital and voice modes through several nets, nodes and schedules, including the National Traffic System (NTS) at all levels.

(next page)

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I hold or have held a number of ARRL Field Organization station appointments, including former Route Manager, Section Traffic Manager, SCN/Santa Barbara Net Manager, OO, and ORS. I have been Section Manager since 1996. Within the NTS, I am presently Manager of the Pacific Area Net, Cycle 4, and Chairman of the Pacific Area Staff. I belong to the A-1 Operator Club (1961), the DXCC (40m CW), and hold numerous awards, including WAZ (40m CW), BPL Medallion, Public Service Honor Roll, ARECC Honor Roll, WAS, WAC and a 40 wpm ARRL Code Proficiency. I hold ARRL VE certification. I won the 2005 California QSO Party, Top-Single Op, QRP award.

In addition to being an ARRL Life Member, I am active in local and international amateur radio organizations. I serve as a primary station for the monthly West Coast ARRL Code Proficiency Certificate Program.

I have nearly forty years of progressively responsible military (USMC Officer), public service and nonprofit management experience (including City Councilman) to draw upon as your Section Manager. I hold a BS degree in Public Administration from USC and a law degree.

In my Statement of Qualifications as a candidate for re-election, I stated clearly that I would continue to:

- **Appoint and retain qualified and active members to Section leadership and field organization appointments.**
- **Be accessible and responsive to Section members, and work closely with the Division leadership and League staff.**
- **Promote mentoring within the Amateur Radio Service to broaden League membership club participation, and individual operating interests and skills.**
- **Assist in strengthening public service communications within the Section by the Amateur Radio Service.**

These goals will be translated into prioritized concrete actions over the 2016-17 Term:

1. Reassess the performance all Section Leadership and other Field Organization appointees to better assure that the membership, supported agencies and the League are well and actively served.
2. Actively recruit appointees to vacant or replacement Section Leadership and Field Organization positions, with due regard for both local, district and Section-wide representation.
3. Maintain the official Section Website with current and complete basic information on Section activities, including Club links, Field Organization appointees, and notice of major events (all based upon information received from primary sources).
4. Develop and manage a cadre-list of volunteer "resource-experts" from within and outside the Section as potential program speakers for clubs. (next page)

(continued)

5. Offer personal support and advice to club leaders on qualifying, applying for, and maintaining ARRL Special Service Club status.
6. Support and participate in Section Leadership requests for need-driven, agenda-specific Section-wide confabs.

Watch for your ballot in the mail and VOTE! 73

The Good Ham
By Norm Campbell – AB6ET

Some think a good ham is one who is able to talk about absolutely nothing for as long as possible.

Others think a good ham has to have an antenna 200 feet in the air, know everything from quantum mechanics to the cure for cancer, and be able to run for president of the United States. We all know that none of this is necessarily correct.

A better set of ideas describing a good ham was developed in 1928 that is just as significant today as it was then. You may have heard of or seen in print the radio amateur's creed written by Paul Segal-9EEA.

The six hallmarks he recounts are that the radio amateur is considerate, loyal, progressive, friendly, balanced, and patriotic.

That sounds easy enough. Lucky enough for us, the FCC and the federal government who grant us licenses have been able to expand those six points into a complete book of regulations called Part 97, more exactly the US Code of Federal Regulations, Title 47, Chapter 1, Sub Chapter D, Part 97, Amateur Radio Service.

The government recognizes the contributions hams have made to the public and says the purpose of the amateur service is to promote radio communication by self training, to have a source of trained radio operators for use during emergencies, and to advance technical radio skills by voluntary non-professional experts and technicians, as well as encouraging international good will. Look at sections 97.1 and 97.3.

No one knows everything. If we share what we know through training and intercommunication with one another, become skilled in the operation of our radios and stations, experiment and keep moving forward, and are friendly while doing it and certainly don't diminish the fun for others, then we have met those guidelines.

All the while, we know our skills and stations can be used in emergencies for our communities and country. We support our radio clubs and organizations and at the same time maintain work and family responsibilities.

Use your radios, try new things, be safe when doing it, teach your skills, share your knowledge.

Be a good ham.

By Norm Campbell – AB6ET

James T. Fortney – K6IYK

The strength of Amateur Radio lies in the teamwork of many individuals working together to achieve common goals. This is demonstrated over and over in the formation of clubs, the organization of emergency service response groups, the achievements demonstrated during Field Day, and the accomplishments of contest operators. The Santa Barbara Section has an exemplary set of Amateur Radio Operators and Jim Fortney believes that these individuals and teams can be made even stronger and more effective if they work together at the Section level. **His goal is to facilitate that strength through enhanced communications and the development of leadership skills.**

Jim has been an Amateur Radio Operator for over 55 years. He was a control operator for the first Amateur Radio AM Repeater in Southern California and was involved in introducing FM radio to Los Angeles. During his professional carrier he worked for a major aerospace corporation designing management systems and eventually became responsible for identifying and implementing the latest in new business technology.

Although military service during the Vietnam War and obtaining his college degree interrupted his radio activities, he returned to putting up repeaters and organizing emergency service activities. He has played a leadership role in the Amateur Radio Emergency Service since 1978, holding the positions of EC, DEC, and Assistant SEC in the Los Angeles Section. The basic ARES organizational plan for that Section used today is based upon a proposal he developed in the early 1980's. Jim is active today with Ventura County ACS/ARES and is AEC for the rural area where he lives.

K6IYK helped rewrite the Constitution and Bylaws of the 220 MHz Spectrum Management Association (220SMA) and then accepted the position of President where he served for 12 years before stepping down to allow others to lead the organization. He has continued to serve as Treasurer of the 220SMA for more than 17 additional years and has also been the Secretary of the Coordination Board for almost 13 years. In 2000 he joined forces with AA6JR to help resurrect a failing Two-Meter Area Spectrum Management Association (TASMA) and was instrumental in establishing a nationally dedicated APRS frequency.

Jim was selected to serve on the National ARRL 219 MHz Committee when we were granted operating privileges in that Band, and in 1999 was awarded the ARRL Southwestern Division Meritorious Service Award for his extensive service to Amateur Radio.

He has been active in Army MARS for over 30 years and currently is part of Region 9 Staff as the IT & Signal Officer (AAA9R6). He operated one of the original Amateur Radio telephone BBS servers in Southern California and moved that operation to Packet Radio when it became available. He was a member of the Southern California Digital Communications Council (SCDCC) from the beginning and served as Administrative Director for several years. He also formed the Southern California Association of Packet SYSOPs (SCAPS) and served as its initial Chairman. He operated the longest running packet BBS in Southern California.

Jim is a leader and knows how to work with others to get things accomplished. He would like to work with you as Section Manager of the Santa Barbara Section.

Please Remember to Vote for

James T. Fortney – K6IYK

ARRL Section Manager

Santa Barbara Section

Success through Teamwork

ARRL will mail ballots to Section Members

in early October. Must be returned by Nov 20th.

- Learn more about Jim -

http://SM.K6IYK.net http://qrz.com/db/K6IYK

N6zecvarcquasep15 08sep15

ARRL September VHF Contest Pre-Report!

By

Pete Heins, N6ZE

This is a SPECIAL Report which Mike, N6TEA, QUA CVARC Editor, consented to publish in the September 2015 CVARC "QUA" Newsletter! He was to have changed the publication date to Friday, 11 September 2015, just so that I could promote and encourage CVARC Members and others to participate in this year's September VHF Contest! [Mike re-injured his shoulder and was unable to release the newsletter as planned. The article and its pictures, together with some members results are still entirely worthy of printing despite the loss of valuable and more timely advice to members who might have participated had they seen the article in time. This editor apologizes to Pete, a constant contributor to the newsletter and promoter of alternative operating frequencies and modes, especially valuable to those hams locked out of operating HF due to antenna restrictions among HOA's.]

The ARRL September VHF Contest, one of 4 major VHF/UHF events sponsored by the ARRL each year, was held from 11:00 AM PDT, Saturday, 12 Sept. until 8:00 PDT on Sunday, 13 Sept.

All amateur radio frequencies 50 MHz (6 meters) and up could be utilized. Most operation typically is on SSB. However, lots of FM can be noted, particularly when hams who normally just utilize VHF/UHF Repeaters, take heed of announcements published by local radio clubs or posted by diehard VHFers like me.

Various entry categories included: FM-only, QRP, Rover, and Multi-Op. For complete contest rules and information to figure out what entry category could be used, please check: >>>>http://www.arrl.org/september-vhf<<<<.

Contest exchange is both call signs and the Grid Locator. DM04 is the grid in 100% of Ventura County.

If you had an opportunity to participate, after the contest, please submit your log to ARRL with the Cabrillo or other similar entry form: >>>>http://b4h.net/cabforms/arrlvhfsep_cab3.php<<<<.

Please also post your score on the "3830 Contest Rumor" site so that you can let your friends see what you have achieved! This is a great means to view unofficial contest scores of many different contests many months before they appear in printed form in "QST" or "CQ" magazines(!): >>>>http://www.3830scores.com/index.php<<<<

I passionately encourage even the most minimal participation in all contests, but particularly VHF/UHF contests, so that the Amateur Radio Licensees very visibly demonstrates use of our extremely valuable frequencies.

As I'm writing this "Pre-Report" article for "QUA", I'm in route to operate from various locations in Grid CN89 so I shall not be signing "Slash Rover" in SoCal this weekend!

I have QRP equipment for 5 bands with me: (continued)

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an Yaesu FT-817 for 6 & 2 meters and 70 cm as well as an ALINCO FM Handheld for 223.5 MHz FM Simplex and 902/903/927 MHz FM Simplex. Antennas you ask? I have mandatory ¼ wave whips and "rubber duckies", but also have an Arrow dual three element 2 meter & 7 element 70 cm yagi as well as a "Slightly Homebrew Dipole" a for 6 & 2 meters equipped with five feet of mast. Everything fits in my carry-on roll aboard suitcase!

The Arrow dual band yagi, which is primarily designed for satellite use, has a boom about 30 inches long. To reduce the travel size of the antenna, I cut the boom in half so that all pieces now fit in a 3 inch diameter bag which is only 23 inches long! I use a 6 inch piece of ½ inch hardwood dowel to reconnect the two halves of the ½ inch square boom when I assemble the yagi at my operating locations. By the way, I won this Arrow dual band yagi at a monthly CVARC raffle a couple of years ago.

For many years, I have used a "Slightly Homebrew Dipole" which is a great addition to portable, travel, or Rover operations. I made it from an old "TV rabbit ears" (find one at Goodwill or other thrift shop). When the rabbit ears are fully extended, each rod is about 19" inches too short for use on 50 MHz (6 meters). I clip a 19" test lead on to each end of the rabbit ears to properly use it on 6 meters. To use the rabbit ears on 144 MHz (2 meters), I only extend the dipole out to 19" inches on each side (a half-wave = 38" overall): The 19" test lead is my "19 inch ruler"! The "Slightly Homebrew Dipole" can easily be changed from vertical or horizontal use and is rotatable; VASTLY better than a rubber ducky! My mast is made from 12 inch pieces of 3/4" schedule 40 PVC pipe. I cemented one PVC coupling to each 12 inch PVC piece for easy assembly in the field. I also bring two very short bungee cords to lash the mast to a convenient chair, tree, or other support. The entire "Slightly Homebrew Dipole" is about 14" x 3" when dismantled for travel. The bungee cords keep the bundle together.

"QUA Editor", Mike, N6TEA has promised to publish a few jpegs of my antennas, as space permits, along with this "Pre-Contest Report".

When I view the "3830 Rumor Page" web site next week, I hope to see evidence that some Ventura County hams participated in the ARRL's Fall VHF Contest. (I'll be sure to post my CN89 results also.)

If you are trying VHF Contesting for the first time and need questions answered, please contact some Ventura Co. hams who have done some VHF Contest operating in the recent past: KQ6K, AG6AY, W6NCT, WB6L, W0UFC, WB6ET, KK6FUT, and KC6IJM.

"FM Finds a Home in VHF Contesting" by Bob Witte, K0NR, provides additional useful info for VHF Contesting Newbies. The article was published in "CQ" Magazine's January/February 2015 edition. Bob's e-mail address is >>>>bob@k0nr.com<<<<

Bt73 Pete, N6ZE (laptop mobile at 40,000 ft. over grid CN82)

(pictures/results follow—next page)

"Slightly Homebrew Dipole" in 2 meter configuration. Note 5 foot mast made of 12 inch 3/4" PVC

“Slightly Homebrew Dipole" in 6 meter configuration

Detail of Arrow beam mid boom modification for travel

Detail of Arrow beam mid boom cut with dowel stiffener/coupling

ARRL September VHF Contest

Call: N6ZE/R

Operator(s): N6ZE

Station: N6ZE/R

Class: Rover QRP

QTH: cn87/88/89

Operating Time (hrs): 4

Summary:

Band	QSOs	Mults
6:	5	5
2:	15	7
222:	3	3
432:	7	5
903:	3	3
1.2:		
2.3:		
3.4:		
5.7:		
10G:		
24G:		
Total:	33	23

Total Score = 962

Club: Pacific Northwest VHF Society

Comments:

Thanks to the PNW ops who put up with my QRP Rover operation from CN87/88/89. (Called CQ from CO80 for a couple of minutes, but nothing heard from Whistler, BC.)

'Interesting' Events:

CN87: Two QSOs on 2m made from commercial bus in motion in Seattle. One 903MHz QSO made with bus driver, VA7NAM!

CN88:Two QSOs on 2m made from commercial bus in motion in Everett, WA

CN89: QSOs made from 10th floor(facing North) & 19th floor (facing South) of hotel on Vancouver waterfront as well as Mt. Seymour Ski Lodge area (~3000 ft MSL).

CO80: Nil QSO resulted.

Equipment: 6/2/70FT817 & rubber ducky or Maldol AH-510R telescoping rod antenna

Equipment: 135cm/33cm: ALINCO DJ-G29 FM handheld with rubber ducky

bt73Pete, N6ZE/W7&VE7 QRP Masochist Rover

The First Antenna

Putting up your first antenna can be a daunting task – more for what you don't know that for what you do. For me, the antenna itself was the easy part – it was everything beyond the antenna that slowed me down.

First things first – I needed to understand what limitations I had:

- Had to invisible from the front of the house so the HOA wouldn't notice it.
- Had to be invisible from the back of the house so the YL wouldn't notice it.
- Had to be hung without requiring the use of trees.
- Couldn't require legs/length greater than 70'
- Antenna should be reasonable efficient and multi-band, ideally without an external tuner requirement.

The requirements above suggested a 40m – 10m wire based antenna. The ideal antenna would have been a Skywire Loop – but my yard and house layout did not allow for it. Comparing half-wave end fed and Off Center Fed Dipole's (OCFD) – I went with an OCFD antenna because it fit the overall house layout better (the center/balun support being at a corner of the roof). Research suggested using a 38%/62% split when doing a 40m OCFD antenna as it would add 15m into the design.

So, we first got the easy stuff – antenna wire (Poly-Stealth 18), antenna support lines (Dacron rope), balun (4115OCF), dog bone insulators, marine pulleys, and feed line (RG-213). From here, things started to get more interesting. All the instructions seem to gloss over the next questions – probably because it is a simple thing for somebody who has already hung a couple of antennas. I started to wonder:

- How was I going to get the feedline into the house? (The answer: an 8" SO-239/SO-239 bulkhead.)
- I understood the need for a pulley, but what was I going to attach to it to get the needed weight? After all, some people were using concrete poured into containers. (The answer: 16oz lead torpedo fishing sinkers.)
- Was there a proper knot/tie-off on the antenna wire ends
- Was there a proper knot that was supposed to be used when connecting support lines? (The answer: Bowline).
- What was I going to use for vertical supports? I needed something that I could attach to the roof and back fence that would be about 6 feet long, light weight, small/thin so it couldn't be seen, and be able to support about 2-3 lbs of weight (balun and feed line). (The correct answer: structural fiberglass tubing. I have the remains of several incorrect answers as well.)
- How do I attach the pulleys and balun to the vertical supports? (The answer: split ring pipe hangers and some eye bolts and S hooks.)
- How do I attach the vertical supports to the house? (The answer: pipe strap.)

Once the physical/mechanical pieces were resolved, it was time to go to the electrical. (next page)

(continued)

Once I hung the antenna, it was time to tune it. We all know (from our tests) that the "proper" formula for determining the length of a ½ wave dipole is *l=468/f* . And, we also know that the constant 468 is normally completely wrong (which is why all the instructions say "and add an extra 2-3 feet to that number for tuning"). I started by using *l=490/f* and then measuring to get my resonant frequency. I then calculated a new "constant" by doing *C=Resonant Frequency* and then calculating my proper antenna length via the formula *l=C/f* . This way, I had to only adjust the antenna once. I had taken the liberty to mark the antenna every 6 inches from the end insulators, and had precalculated a table of new lengths for a given *C* value. So, once I had C I only had to scan the spreadsheet for the new short and long legs lengths and make the necessary adjustments. In theory. If you exclude Murphy.

Of course, nothing ever goes simple for the first installation. My measurements showed I had a beautiful antenna – which was acting as though it was 30 feet too long. I found I had to relocate the long leg so that it went OVER the tree instead of under a tree limb that was obviously causing the antenna to detune (either the tree itself, or the location to the ground). Anyways, after I moved the long leg – it turned out my measurements were perfect.

Now where did I put the document describing how to use a T network tuner….

Dean Nedelman,K6DIN

[This space was left intentionally blank because the Editor messed up.]

Our David Arata, KA9WMI pictured with Gordon West, WB6NOA, who conducts numerous training classes for hams.

Hamcon 2015 Torrance California Saturday September 12, 2015 by David Arata, KA9WMI

After I found out I was able to go to the event I found out that I missed the early registration $22.00 and I had to pay on site registration $27.00.

We arrived just after 8:00 am and I took a quick tour of the exhibits and then headed to the presentation rooms.

The first presentation was about "ground". The presentation was by Kristen McIntyre, K6WX. I was immediately impressed by her deep electrical knowledge and her ability to clearly present her information about electrical phases and electrical ground. I wondered where she went to school and later learned she is an MIT graduate. She gave one of the best presentations I have been to at a hamfest.

I then went to a presentation where I thought they were going to show a video about a presentation to Steve Wozniak. It was very disappointing as it was about a few hams that talked about how they got started in ham radio. Dave Sumner, K1ZZ, was one of the guys that talked and he talked about his career with the ARRL. Steve Wozniak was not able to attend the presentation and was not in the video at all.

I then attended a DXpedition presentation about nine guys that went to a small very remote island that is one of the Philippine Islands. Joel Pastor, WJ1P, was the presenter and leader of the group. Their trials and adventures were interesting and amusing and the presentation was very well done. The did include their adventures with the Philippine Navy and a rescue mission to get off the island.

The last presentation I went to was Bill Stein, KC6T's HF antenna design. He talked about how he used a computer program to design a three band vertical antenna that used 2 traps that have coils and a capacitor inside each coil. It was a well thought out presentation. I enjoyed this and I may have learned a bit about antenna design.

I visited the W1AW/6 station for a few minutes. The South Bay Amateur Radio Club was operating W1AW/6. They had guest operators making contacts on 20 meters when I visited. Each time the operator said QRZ someone answered.

Bill Stein KC6T is not too far away perhaps he would make this presentation to CVARC

Joel Limjoco Pastor WJ1P is a little farther but he might make the trip and make a presentation to CVARC

Amateur Radio Exam and Study Guide Websites

http://www.qrz.com On the right column under "Ham Study", go to "Practice Tests"

http://www.eham.net On the left column under "Resources", go to "Ham Exams"

http://www.KB0MGA.net Log in is required

http://www.radioexam.org Practice Exams

Tax Deductible Donations to CVARC

CVARC is an IRS-certified 501(c)3 charitable organization and donations are deductible pursuant to the IRS rules. If you have working radio equipment and ancillary equipment that you can and wish to donate to the club, please contact one of the board members and we will be happy to talk to you about the process. Many companies will either grant or match employee's gifts to non-profit organizations like CVARC.

Please determine if your company is among these and contact a board member so we may help fund and grow CVARC. We cannot accept certain donations, and have to place some restrictions around them (no hazardous materials, nothing we could not sell, etc.). If you are interested, look me up, or any other board member, at one of the meetings or contact us via email (our addresses are on the next to last page of the newsletter).

CVARC is recognized by the ARRL as a Special Service Club (SSC). To be a part of the ARRL's Special Service Club program, the club must regularly show that it is actively involved in certain areas, including:

- New Ham Development and Training • Public Relations • Emergency Communications • Technical Advancement • Operating Activities

The Conejo Valley Amateur Radio Club is an ARRL affiliated Special Service Club. Meetings are held on the third Thursday of every month, except December. The meeting location is the Community Room at The East County Sheriff Station, 2101 E. Olsen Road, Thousand Oaks. Meetings start at 7:30pm with a pre-meeting social and technical assistance session from 6:30 to 7:30pm. Meetings are open to the public, and members are encouraged to bring their friends.

"QUA CVARC" is published monthly (on the Monday preceding the CVARC club meeting) by the Conejo Valley Amateur Radio Club, AA6CV, PO Box 2093, Thousand Oaks, CA 91358-2093. It is e-mailed free of charge to all members.

CVARC Membership Rates

Visitors are always welcome at our monthly meetings, and we do not pressure newcomers to join. If, however, you would like to support the club and its activities by becoming a member then we will be very pleased.

The simplest way to join (or to renew) is to write us a check bearing your address, and give or send it to our Treasurer. Make the check payable to "CVARC" and please put your call sign and/or email address, if you have one, on the memo line of your check. Name, call sign, or address changes may be e-mailed to the Treasurer. Current annual rates are: Regular Membership $25. Family Membership $30. Special discounts are available for new members (licensed in the last 12 months) $10. Full-time Students: $10. Regular members renewing for multiple years: $20/year. Family members renewing for multiple years $25/year.

For the current list of CVARC officers together with their contact information, please visit the club's website at http://www.cvarc.org where you may also view past newsletters which include an application to join together with the necessary fees that include discounts for new members and families.

Hugh Bosma Award nominations are open during the remainder of September for members to suggest another CVARC member who has served the club in an extraordinary fashion. Hugh Bosma died this past year after battling cancer. This award in part commemorates Hugh's service by a like minded ham. The plaque of recipients is displayed on the table beside the speaker's stand at every general meeting. The Board will decide the winner in October. All members are eligible.

Holiday Dinner This year's celebration of the holidays will be held on Thursday, December 10, 2015, at the Posada Hotel & Suites in Simi Valley. The facility is located at the intersection of Los Angeles Avenue and Olsen Road. This years format will include the club providing the entire meal for members and guests. The menu will include salad, a choice of two meats at a carving station, three side dishes for each diner and dessert. More details will follow in future newsletters and on the CVARC Discussion website on Yahoo Groups.

Mailing address: Conejo Valley Amateur Radio Club PO Box 2093 Thousand Oaks, CA 91358-2093

CVARC University offers free classes for amateur radio operators' licenses from the Technician, through the General to the Extra class licenses. There is currently a class underway for the Extra Class license exam to be administered by our usual good VE Sessions volunteers on October 11, 2015. Look for enrollment opportunities to be announced in this newsletter as they arise or speak with Zak Cohen, N6PK.

Ventura County ACS/ARES Times and Frequencies:

Area 2 ACS/ARES members are encouraged to check in every Tuesday night at 7:00 p.m. on the Area 2 check-in nets.

Please note that the detailed list of ACS/ARES frequencies, repeaters, off-sets, etc. is available on the Internet. The official frequency list is updated regularly and is available at: http://vc-ares.org.

For questions concerning ACS/ARES, please go to the ACS/ARES section of the CVARC website at http://www.cvarc.org.

Net Control operations for the weekly ACS/ARES Area 2 check-in are run from the ACS/ARES communications center at East County Sheriff Station (on Olsen Road) every Tuesday starting at 7:00 p.m.

Visitors are welcome and have the opportunity to operate the station. Please contact Zak Cohen, Area 2 EOC, whose info is listed below, to arrange it.

2015 CVARC Calendar

Oct 3	**San Diego Ham Fest http://www.sdhamfest.org**
Oct 3	**CVARC Mini Field Day/Picnic in Thousand Oaks-on Moorpark Rd/De Los Flores beside T.O. High School**
Oct 3	**Share The Road Ride- Steve King KE6WEZ@gmail.com**
Oct 3	**Oxnard Disaster Preparedness Fair-Rose and Channel Islands Blvd-fire station 8**
Oct 3 – 4	**California QSO Party 1600z – 2200z**
Oct 10	**CERT Refresher**
Oct 10	**Ventura Making Strides Cancer Walk-Jose N6VUY@arrl.net**
Oct 10	**10-10 International 10-10 Sprint 0001z- 2359z**
Oct 16	**Pacific Division Convention (Pacificon 2015) San Ramon**
Oct 16 – 18	**Microwave Update 2015 (hamfest/convention) San Diego, CA**
	http://www.arrl.org/hamfests/microwave-update-2015
Oct 24 – 25	**CQ Worldwide DX Contest, SSB 0000z – 2400z**
Nov 14	**Oxnard Band Contest-Stewart KG6BOV@arrl.net**
Nov 15	**Red Cross Bike Ride-Stewart KG6BOV@arrl.net**
Dec 12 – 13	**ARRL 10 Meter Contest**
Dec 13	**Santa to the Sea 1/2 Marathon**

From the fruit filled mind of your Editor:

You can tune a radio, but you can tuna fish.

Classified: seeking replacement editor for *QUA CVARC*. Just imagine, you too could be a big time news media editor. Existing editor is willing to train, share production schedule or …? Please contact Mike Slate, N6TEA @ 818-917-6868 to discuss the beginning of your exciting career for no pay under stress-