



February 2001

CVARC NEWSLETTEREDITOR:
ROGER LOILER**Help Wanted by Ken Larson**

This is a familiar sign these days. With everyone so busy, there just doesn't seem to be enough people available to do all the interesting things that there are to do. We have the same problem in CVARC. With so many things that we could do, we need to focus on the CVARC activities that you are really interested in. But we can not do that without your input.

Talk to Bill K6HB about the types of programs that you would like to have presented at the CVARC meetings. If you know someone who could present a program, perhaps search and rescue or radio controlled model airplanes, let Bill know.

Our newsletter is a wonderful way to spread word about fun activities. If you have discovered a new aspect of ham radio, had an interesting adventure, or come across new information, write Roger N6WNE a short e-mail. You will be surprised how many of us will enjoy reading about your experience.

Greg K7SDW has a long list of interesting operations activities. What activities are you the most interested in? Greg needs to know. Do you have activities that you really enjoy, like contesting or dxing, that you could help others with. It is a lot of fun helping others to participate in the activities that you find so enjoyable.

Have a technical problem? Give Rob W6RH a call, he is there to help. It is fun to be part of a team. If you have technical skills, consider giving Rob a hand in helping others with their technical problems.

If you have some ideas on public relations, talk to Peter KE6HUI. We can't help the community or attract new hams if people don't know that we exist.

Have an idea for a social event? Talk to Jonathan KC6QQQ.

Know someone who would like to become an amateur radio operator? Get them in contact with Karl KE6WVZ about the CVARC amateur radio licensing classes.

Getting involved with the club activities is a lot of fun and makes amateur radio even more interesting than it already is.

Greg K7SDW

I think we all enjoyed Larry Logan's talk on Home safety. I am sure most of us thought our home was locked and safe, but after his excellent talk, captivating our members with his knowledge and humor, we know we must have him back to present a sequel. My thanks to Bill, K6HB, for getting us a winner!

February Calendar

Feb 8, General Meeting 7:30 P.M.

Feb 11, T Hunt 1:00 P.M.

Feb 15, Board Meeting 7:30 P.M.

February 8, Program

Easy Up Antennas

Stealth Antennas

Now You See It, Now You Don't, Or...
Stealth And Easy Up Antennas

This program will present techniques for constructing very effective HF antennas that are inexpensive, easy to build, and easy to put up; as well as building HF stealth antennas for use in neighborhoods with strict CC&Rs. The program will focus on the fact that you do not need big expensive antennas, that are visible for "miles around" to have a lot of fun on the HF bands. In addition, complying with neighborhood CC&Rs, even very strict CC&Rs, should not prevent any amateur radio operator from enjoying operation on the HF bands. The challenge of building very effective HF stealth antennas is a lot of fun, very rewarding, and not very difficult. The program will describe how to go about planning and building stealth antennas and provide a number of practical examples.

 The Conejo Valley Amateur Radio Club is an ARRL affiliated Special Service club. Meetings are held on the second Thursday of each month, unless otherwise noted. Meeting location is at the Elks Lodge, 158 Conejo School Rd., Thousand Oaks, CA. Meetings start at 7:30 P.M. with a pre-meeting social hour and technical assistance session, for those who are interested at 6:30. Meetings are open to the public, and members

2001 CVARC Officers

Treasurer's note:

Dues are due: Only 11 out of the 30 members who's dues were payable in January did pay up.

Please pay attention to the address labels. The number shown on the top is your anniversary date. Jan - 01 means your due date is January 2001

President	Ken Larson	KJ6RZ	(805)495-9435
VicePresident	Bill Hughes	K6HB	(805)492-5511
Secretary/Archivist	Alberta Munding	KA6WKR	(805)492-2128
Treasurer	Roy Deschene	KE6UMW	(818)887-4039
Education	Karl Moody	KE6WVZ	(805)523-0622
Technical	Rob Hanson	W6RH	(805)376-9350
Editor/Publisher	Roger Loiler	N6WNE	(805)499-1716
Public Relations	Peter Hofmann	KE6HUI	(805)496-5893
Operations	Gregory Lane	K7SDW	(805)498-0454
Social	Jonathan Becker	KC6QQQ	(805)371-1333
Member-at-Large	Don Munding	K6CAB	(805)492-2128
Member-at-Large	Mike Pershing	KD6IJF	(805)493-1934



ARRL:

Southwestern Division Director:	Fried Heyn, WA6WZO 962 Cheyenne St. Costa Mesa, CA 92626	(714)549-8516 wa6wzo@ARRL.org
Southwestern Division Vice Director:	Art Goddard, W6XD 2901 Pahu Pl Costa Mesa, CA 92626	(714)556-4396 w6xd@ARRL.org
Santa Barbara Section Manager:	Robert Griffin, K6YR 1436 Johnson Ave. San Luis Obispo, CA 93401-3734	(805)543-3346 k6yr@ARRL.org
VUCC (VHF/UHF Century Club) Certification:	Peter Heins, N6ZE	(805)496-1315 n6ze@aol.com



Special Interest Groups

RACES (Area 2)	Gregory Lane	K7SDW	(805)498-0454
RACES (Area 8)	Richard Tate	KQ6NO	(805)529-3934
DAT	Alberta Munding	KA6WKR	(805)492-2128
DCS	Brad Ormsby	WA6GLE	(805)495-2298
VE	Jeff Reinhardt	AA6JR	(818)706-3853
VUCC	Peter Heins	N6ZE	(805)496-1315
T-HUNT	Peter Hoffmann	KE6HUI	(805)496-5893

**Amateur Radio
Emergency Service**

Ventura County area 2 R.A.C.E.S. members are encouraged to check in every Tuesday. members should check in with the RACES number listed on the ID badge.

Specific times and frequencies are as follows:

7:00 PM - 7:30 PM VOICE 146.85- pl 94.8 K6AER/R AREA 2
(Secondary backup freq) 147.555 no pl Simplex AREA 2
6:45 PM - 7:00 PM VOICE 52.98- pl 82.5 K6SMR 6 METER
before - 6:30 PM PACKET 145.03 - VCROC early checkin
7:30 PM - 8:00 PM VOICE 146.88- pl 127.3 WA6ZTT COUNTY
7:30 PM - 8:00 PM VOICE 224.02- pl 127.3 WB6ZTR COUNTY
(county RACES simplex) 147.57 no pl Simplex COUNTY

7:00 PM - 7:30 PM VOICE 147.93- pl 127.3 WB6WEY AREA 1
7:00 PM - 7:30 PM VOICE 147.15+ pl 127.3 WB6ZTQ AREA 3
7:00 PM - 7:30 PM VOICE 146.97- pl 127.3 WB6YQN AREA 4
7:00 PM - 7:30 PM VOICE 145.40- no pl N6FL AREA 5
7:00 PM - 7:30 PM VOICE 147.975- pl 127.3 N6AHI AREA 6
7:00 PM - 7:30 PM VOICE 146.985- pl 127.3 WB6ZTX AREA 7

The Emergency Coordinator's script for the weekly RACES check-in net for Area 2 is on the CVARC web site, in printable form. Each member may wish to print out a copy and be AEC as good practice for the real thing.

RACES members should remember that the RACES card is issued for only two years at a time. When yours is due to expire, you should call Jackie for an appointment to renew your card at the Office of Emergency Services in Ventura. The phone number is (805)654-2551.

From the east half of the county, to avoid toll charges dial (800)660-5474 first.

For packet, call packet coordinator, Dan Dicke KE6NYT (805)983-1401

To register for Red Cross Disaster Services Classes, call (805)339-2234 ext. 0

**An Excerpt from: "January and February in Electrical Engineering History"
"The Institute", an I.E.E.E. Publication, January 2001**

By Frederik Nebeker, I.E.E.E. History Center

"A classic circuit, automatic gain control, was invented 2 January 1926.

Radio listeners in the 1920s frequently faced two problems: the tendency of distant stations to fade and swell, and "blasting," which occurred whenever one encountered a local station while tuning the radio.

These problems were solved in the Philco Model 95, introduced in 1929. This was the first radio that incorporated Harold Wheeler's invention of diode automatic volume control. Today known as automatic gain control, the scheme had been implemented by Wheeler on 2 January 1926. In the 1930s, it became standard in radios and still is today.

When *Electronics* magazine celebrated its 50th anniversary in 1980, it selected 12 circuits that "have been basic to the commercialization of radio, TV, and computers and other data-handling systems." Wheeler's automatic volume control was one of them.

Hi Greg:

Nice talking with you on 15. Your mobile sounded great! My rig is a parts only kit from KD1JV (kd1jv@moose.ncia.net) called an MS-15 (melt solder 15). It runs up to 5 watts, uses a "super" vxo (two crystals in parallel covering most of the band), and a decent superhet receiver. It was \$57.00 sans the tuning pot, connectors, etc. He's not in the business of making and selling kits, but I think he may still have a few around.

It has a slight drift on tx (250 hz) but other than that it's a decent little rig. If you get one, drop me a line...I've done lots of mods that I can pass along.

73,

Steve, NX9Z

T-Hunt report by Peter KE6HUI

This was the first T-Hunt of the New Year. Since it was now 2 months since the last T-Hunt, Roy and I thought we are going to make this an easy one to get everybody warmed up again and not to scare any newcomers off. We had two choices of where to hide (no, we won't let you in on the secret of the second location). We decided to hide on the hill, where Cityhall used to be and is now occupied by the Santa Monica Park District, which is by the way a nice place to visit sometime, they are open daily from 9-5. Anyway, back to the T-Hunt. We found a nice spot below the building, on the south side, nicely hidden by bushes and Oaktrees. This was shielding us from the startingpoint and we where hoping the hunters will just get some reflections of the mountains for their initial bearing. The power had to be brought up to about 3 watts for the signal to reach the starting point. For an antenna we used a plain old rubber-ducky. At about 13:05 the hunters where on their way. The first team to arrive on the hill was Greg and Roger at about 13:30. Doug and his son where trailing them by 5 minutes. Off they went with their sticks and boxes and at 13:40 Greg called in with the correct password. Doug was the next hunter to find the T at 13:45. By this time we have not seen nor heard from Don and Leon, the third team. At 14:00 I got ready to give them a call on the T-frequency just as Leon called in his find. All in all this was a really easy and short hunt. Come and join us for the next T-Hunt on February 11. Greg and Roger are going to be the hidere.

Score:		corr.			
call 1	call 2	time	miles	miles	points
K7SDW	N6WNE	13:40	6.2	6.2	0.75
WB6RJN		13:45	8.5	9.5	2
K6CAB	N6VCL	14:01	8.7	12.9	3
KE6HUI	KE6UMW				T

Come one come all and see if you can win the MFJ Model MFJ-1724B Dual 144/440 Mhz Magnet Mount Mobile Antenna.
(Supplied by HRO)

Raffel Chairman, Greg Lane is going to keep the "good" toys rolling in, so make sure you attend the CVARC meeting to register your chance.

WORLDWIDE DISTRIBUTION



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CVARC - AA6CV

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