

January
2009

NEWS FROM CVARC

President's Message by Greg Lane, K7SDW

A very Happy New year to all CVARC members.

We all had a great Holiday Party. Hey, who can complain, I won the Grand Prize FT857D! Noel, N6NVS, got the DR235 mobile and Dave, AA6DM, got the DR-135 mobile. Guess now I'll have to buy the accessories for my newbie that will complete it for a mobile rig so I have no excuses for not getting on the air.

New Year's resolution! All CVARC members are to get on the air. How about a Bozo reunion one night a week? I try to contact Don, K6CAB, on 40 m, 7020 KHz, every Wednesday at 7pm local time. So far we have been able to 20wpm with each other and keep in touch with the latest. Soon he will become a grand-papa.

Now that I'm retired, maybe I can make a pest of myself on 2m and 440 as well as the rest of the bands. By the time you read this I should have returned from my Colorado trip. Hopefully with my HF rig and a few contacts along the way I should be getting back into completing my emergency communication courses. If you have the time and energy, I suggest signing up and giving it a try.

President's Message, continued on page 2

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January Club Meeting "Amateur Radio Ready"

Karl Moody, AE6TO, presents on the need for Amateur Radio Operators to prepare their own families for disaster, and to prepare themselves to respond to the call that no one wants to receive and everyone knows will come. Amateur Radio Ready is designed to motivate the HAM to make sure his own family is prepared and able to survive a disaster. We hope that those who see the presentation will sense the urgent need for all families to be prepared, including their own. Next we want the license Amateur Radio Operator to plan, practice, and prepare to serve as an emergency communicator when that call comes.

The presentation will cover:

1. Family Preparedness
2. Individual Preparedness
3. ACS, the key to Radio Readiness
4. Building your Go-Kit
5. If you are Radio Ready

Club members will be provided copies of the presentation and visitors may have copies sent to them through email.

Karl joined CVARC in 1996 and has served as the Education Chairman since 1998 and as Club President for the year 2000.

As always, the CVARC club meeting is held on the third Thursday of the month at the East County Sheriff Station located at:

2101 East Olsen Road
Thousand Oaks, CA 91360

This facility is just off of the 23 freeway between Thousand Oaks and Simi Valley. We look forward to seeing you there

President's Message, continued from front page...

Look over our calendar of events and please keep in contact with the Board members as to programs, activities and other items of your interest. The Board is here to serve you and of course will need your help in all our activities.

If the Tuesday night ACS check-ins takes up most of your week, then maybe after the net a return to the repeaters for "chats" would be an opportunity to discuss projects and accomplishments or help needed in understanding any aspect of the hobby. Bring it up at the Jan meeting.

Please sign up for Field Day early this year as we need a good strong committee this year. The City of Thousand Oaks has awarded CVARC \$400.00 to host for the public attendance to our Field Day activity, so we will need a bunch of "hosts" to guide the public through the stations of operations as well as providing hot dogs and/or hamburgers.

We need a good chairman committee to bring this off, as it could mean future funding and FUN as well as exposure to the community the need of obtaining their Radio License. Appropriate advertisement, posters, and PR activities will need your individual help, so give Brad, WA6GLE, a call to see how you can help him.

Our new Vice President, Phil Bartlett, K6UJO, is looking to wet your appetite with good programs for 2009, but he needs your input as to what you might want in the way of speakers. In November we collected three suggestions and he will work those into our 2009 calendar.

Thanks to Bill, KF6JQO, for doing the raffle. If any of you have a suggestion as to the type of items for the raffle, please drop Bill an email. The Board will be finalizing the 2009 Budget in Feb, so be sure you get any ideas, projects, etc., to any of the Board members as soon as you can.

73 de Greg, K7SDW

Conejo Valley Amateur Radio Club 2009 Event Calendar

January 15	CVARC Club Meeting
January 31	TRW Swap Meet
February 8	FCC License Exam
February 9	First Technician License Class Begins
February 19	CVARC Club Meeting
February 28	TRW Swap Meet
March 8	CROP Walk
March 13 - 15	Coyote 2 Moons
March 19	CVARC Club Meeting
March 28	TRW Swap Meet
March 30	First Technician License Class Ends
April 5	Westlake Village Street Fair
April 13	2nd Technician License Class Begins
April 16	CVARC Club Meeting
April 19	FCC License Exam
April 25	Arbor Day
April 25	TRW Swap Meet
May 9	Malibu Endurance Ride
May 9	CVARC Club Meeting
May 14 - 16	Cruisin' the Conejo Bike Ride
May 21	Dayton Hamvention
May 30	TRW Swap Meet
June 1	2nd Technician License Class Ends
June 14	FCC License Exam
June 16	Third Technician License Class Begins
June 18	CVARC Club Meeting
June 27 - 28	Field Day
June 27	TRW Swap Meet
July 3	Moorpark Fireworks
July 16	CVARC Club Meeting
July 25	TRW Swap Meet
August 4	Third Technician Class Ends
August 9	FCC License Exam
August 18	Fourth Technician License Class Begins
August 12	SB Section Hamfest, Santa Barbara
August 20	CVARC Club Meeting
August ___ (tentative)	CVARC Summer Picnic
August 29	TRW Swap Meet
September 17	CVARC Club Meeting
September 26	TRW Swap Meet
No Official Date (Yet)	ARRL SW Division Convention
October 6	Technician License Class Complete
October 11	FCC License Exam
October 15	CVARC Club Meeting

October 16 - 18	Boy Scouts Jamboree on the Air (JO-TA)
October 20	Fifth Technician License Class Begins
October 31	TRW Swap Meet
November 19	CVARC Club Meeting
November 28	TRW Swap Meet
December 5 (tentative)	CVARC Holiday Party
December 8	Fifth Technician Class Completes
December 13	FCC License Exam
December 26	TRW Swap Meet

Please submit suggestions for additional dates to af6cd@arrl.net

Nominees for Operations Chair and Social Chair

Neil Waybright, AF6CD

Rob Hanson, W6RH, stepped forward and volunteered to run for the open position as operations chair for 2009, and Sue Hanson, N6OIZ, volunteered to run for the social chair position. Additional nominations will be accepted from the floor and a vote will be taken to fill these empty board seats at the January club meeting.

We welcome Rob and Sue back to the area and wish them luck in the vote. Please be there to help us fill these important board positions and get the New Year off to a great start with a full board.

New Slate of Officers for 2009

Neil Waybright, AF6CD

The club officers for the 2009 calendar year are:

President:	Greg Lane, K7SDW
Vice-President:	Phil Bartlett, K6UJO
Treasurer:	Dave Morton, AA6DM
Secretary:	Mary Ho, KI6COG
Publisher:	Neil Waybright, AF6CD
Technical:	Bruce Elbert, K6ZB
Operations:	open
Social:	open
Education:	Karl Moody, AE6TO
Public Relations:	Brad Ormsby, WA6GLE
Member-At-Large I:	Hugh Bosma, AE6YC
Member-At-Large II:	Mike D'Amore, N6MDA

Congratulations to all. We have potential volunteers for the Operations and Social chair positions and will nominate them at the January meeting.

Wednesday Night VHF Voice Net Brad Ormsby, WA6GLE

QST, QST, QST

Beginning in 2009 we are starting a Net on Wednesday nights at 7pm on the Bozo Repeater, 147.885- p/l 127.3.

The purpose of the Net is to have fun and maybe learn or re-learn the hidden secrets of Amateur Radio. The net is for all Amateurs to enjoy that can access the repeater. This would include the young and old, new to Amateur Radio and old to Amateur Radio, Women, YL's, XYL's and Old Men, OM.

Please check in, ask questions, tell stories, share Amateur Radio, and get to know one another. There is a lot of talent, knowledge and expertise in our local area and these people are more than willing to share information and help others.

Remember the Bozo Repeater and other repeaters are on 24/7. So when you are in range, get on the repeater, give your call, you might just have a great QSO with a new or old friend.

I think it was GTE that said: Call often and talk long!

See you on the Net.

Conejo Valley Amateur Radio Club 2009 FCC Exam Schedule Jeff Reinhardt, AA6JR

The Conejo Valley Amateur Radio Club (CVARC) has scheduled examinations for FCC Amateur Radio (Ham Radio) licenses six times during 2009.

Exams are conducted by accredited Volunteer Examiners and sessions are sponsored by CVARC. Exams are conducted for all FCC Ama-

teur Radio license classes under the supervision of the ARRL VEC. No pre-registration is necessary, walk-ins are welcome. The Exams listed below will be conducted at the Ventura County Sheriff's East County Station at 2101 E. Olsen Road between Hwy 23 and the Ronald Reagan Presidential Library at 8:30 a.m.

Candidates need to bring:

1. A form of government-issued photo I.D. (eg: Driver's License, Passport or School District ID).
2. Social Security Number or Taxpayer ID or FRN.
3. The original and a photocopy of any existing FCC license or CSCE notice of passing an exam element.
4. \$15 Exam fee (exact change preferred).
5. Pens, pencils, calculator. Calculator memory must be cleared prior to exam

2009 Exam Schedule:

- February 8
- April 19
- June 14
- August 9
- October 11
- December 13

Should there be questions not addressed above, please contact Jeff Reinhardt AA6JR at aa6jr@sbcglobal.net or phone 818-706-3853.

CVARC VE Session Report December 14, 2008

The CVARC VE session of December 14, 2008 served 18 candidates. Among those who passed elements were:

Name	Call	New License Class
Barry P. Cristantiello	KI6UVK	Technician
Guy M. Austen	KI6UVL	Technician
Douglas R. Graham	KI6UVM	Technician
George S. Gibb	KI6UVN	Technician
Ian Maxwell	KI6UVO	Technician
David M. Angel	KI6UVP	Technician
Eduardo Lozano	KI6UVQ	Technician
Erik B. Hermansen	KI6UVR	Technician
Jonathan R. Nungeister	KI6UVS	Technician
Daniel S. Ross	KI6UVT	Technician
Cynthia L. Ross	KI6UVU	Technician
Patrick B. Newburn	KI6UVV	General

Ira M. Lichtman	KI6TPX	General
Charles W. Geiger	KI6BCP	Extra
Andrew G. Ludlum	KI6NON	Extra
Paul Garth	KI6USA	General

Thanks to the VEs who gave their time to make this CVARC session possible, George Tamayo WD6EJO; Noel Van Slyke K6NVS , Rob Hansen W6RH, Steven Reinhardt K6SJR and Ken Larson KJ6RZ.

The next session is scheduled for 8:30 a.m. Sunday, February 8, 2009 at the East Valley station.

Jeff Reinhardt AA6JR CVARC VE Coordinator

SAR a Hundred Miles Away

[Editor's note: I included this to show that it isn't always a natural disaster, train wreck or mass emergency that gets hams called out]

Dartmouth, Massachusetts: October 11, 2008 was one year to the day that an individual, Charlie Allen, was last seen running into the woods in a manic state in Dartmouth, Massachusetts. Although his sneakers and backpack were recovered, nothing else was ever found. The Connecticut Canine Search and Rescue team, affiliated with the Manchester Office of Emergency Management's CERT team, was contacted this past September to assist in a joint search operation on October 10, 11, and 12.

The Town of Manchester has developed an integrated team of Emergency Management volunteers called a Community Emergency Response Team (CERT), comprised of three groups that joined forces to offer their specialties: EMCOMM (55 Amateur Radio operators and foot searchers), MBSAR (a 20 person Mountain Bike Search and Rescue team), and CCSAR (a 20 person and 12 trained search dog team, the Connecticut Canine Search and Rescue).

In the past year, the combined teams have drilled in missing person searches, pandemic flu outbreaks, radio signal propagation surveys as well as assisted in numerous local search and recovery missions. Here was the opportunity to use our training, a hundred miles away in Dartmouth.

Upon arrival in Dartmouth, 200 volunteers were assembled, including a large contingent from the Bristol County Sheriff's Office. The lead investigator spoke, as did the passionate family of the missing man.

The mountain bike team searched an area with 40 miles of single-track trails; they were in constant communications with the Command Post. The EMCOMM teams worked with CCSAR dog teams for communication support in their assigned grid searches. Other EMCOMM teams performed line searches. All communication was accomplished with 2 meter HT's in the field and the EMCOMM outposts used their go kits, built from various radio gear manufacturers, to provide 50 watts of communications support to the outlying areas. All teams, in the many search areas, marked the exact location(s) of all clues found during their searches using GPS and UTM grid coordinates.

As the hours passed, the radio traffic would peak when potential clues were found and the investigators were called in to retrieve the item(s). Many items were retrieved including handguns, not related to the lost person. All of the items were sent to FBI labs for further investigation.

As the day closed to an end, the Red Cross tents offered hot meals and it was a time to reflect on our training and what we can do better or different tomorrow. We covered a lot of ground, and most of all, showed the family that a team from a hundred miles away came to help them. -- Kurt Wagner, K1MTB, Manchester, Connecticut

(Reprinted from the ARES E-Letter for December 17, 2008, Reprinted by permission)

Restrictive Local Zoning Ordinance Proposed As Court Date In California Antenna Case Nears

As his February 2009 court date approaches, Alec Zubarau, WB6X, of Palmdale, California, gets ready to battle his town after being ordered to dismantle his previously approved antenna system. The City of Palmdale has widened its opposition to Amateur Radio antennas by proposing an ordinance written to thwart the installa-

tion of antenna support structures throughout the city
<http://www.arrl.org/news/files/Palmdale_Antenna_Ordinance_DRAFT.pdf>.

In 2005, Zubarau applied for a building permit to erect an antenna support structure on his property. The City approved his request, and building permit in hand, Zubarau installed a 22 foot tall crank-up tower (with an ultimate height of 55 feet), but did not place an antenna atop the structure. He also installed a 23 foot tall mast on his house, for a total mast height of 43 feet; he installed an inverted-V on the mast. In January 2007, he placed a 4 element 20 meter SteppIR antenna on the crank-up tower, and the neighbors started complaining to the City.

ARRL Southwestern Division Vice Director Marty Woll, N6VI, said that the neighbors' assertions consisted of what he called "the typical complaints: Aesthetic impact, diminution of property values and RF interference. The RFI complaints were general in nature; no direct evidence was shown of actual RFI, but the City's Planning Commission staff took the position that based on anecdotal evidence presented by the homeowners, the transmissions occurring from the antenna are causing interference with electrical equipment in the surrounding neighborhood."

Woll said that after Zubarau installed the SteppIR in 2007, the City of Palmdale, acting on a petition signed by almost 70 of Zubarau's neighbors, voted to revoke Zubarau's original building permit after he had relied on it in putting up his tower. "In order to gain a continuance, Zubarau told the Planning Commission he would remove the SteppIR, in essence, reverting his antenna configuration back to the way to it was before he installed the antenna" said Len Shaffer, WA6QHD, Zubarau's attorney. "At the next hearing, he was ordered to remove not only the antenna, but the support structure, as well."

The City's planning staff also pointed out that Zubarau's recently erected horizontal array extends three feet into the required 10 foot sideyard setback, and that the active array exceeds thirty feet in height beyond the limit in the ordinance.

"Because Zubarau's permit referred to the support structure as 'an antenna with cage (the base)' and the Planning Commission called it a tower antenna, everyone assumed it was indeed an antenna," Shaffer recalled. "When I pointed out to the Planning Commission that it was nothing more than a support structure and did not radiate, they were surprised. They asked if the support structure functioned as an antenna without the horizontal element. I told them it did not. Judy Skousen, Palmdale's Assistant City Attorney, told the Commission did not matter -- the permit and application was for a tower antenna and that is what it was. It did not matter if the nomenclature was added by city employees rather than Zubarau."

"After exhausting his administrative remedies, Zubarau challenged the action in the courts, aided by Shaffer," Woll said "The court date has been set for early February 2009." Woll continued, saying that the planning staff is placing the burden on Zubarau, saying that he has not submitted a site-specific engineering study showing that the operation or transmission from his house is not interfering with residential uses. The staff also notes that the FCC has failed to resolve RFI complaints in this matter, inferring that the City must act to solve them.

(Reprinted from the ARRL Letter, Vol 27, No. 50, December 19, 2008, Reprinted by permission)

New Fourth "Fundamental" Electronic Component Found Neil Waybright, AF6CD

How many of you heard about the practical discover of the first "memsistor"? The memsistor, along with resistors, capacitors, and inductors, make up the fundamental electronic devices. First predicted by theoretical analysis of circuit function in 1971, they proved elusive to ever correctly design and implement. A full article describing the process is available on the IEEE site at: <http://www.spectrum.ieee.org/dec08/7024>

Previously, the last discovery of a fundamental component was in the 1800s (the capacitor was first and was discovered in 1745, the resistor in 1827, and the inductor in 1831). The predictions of what might be possible with these new components are amazing, and could well be revolutionary. It is great to live in such interesting times!

Name: _____
Call Sign: _____
Class: _____
Address: _____
City, ST Zip _____
Tel: (_____) _____ - _____
E-Mail: _____
ARRL Member expiration date (on QST label) _____

ACS # _____ ARES# _____
Date: _____ Update Roster Only? _____
Family Membership: Names/Calls _____

Send Information/Application to:
Conejo Valley Amateur Radio Club
ATTN: Treasurer
P.O. Box 2093
Thousand Oaks, CA 91358-2093

New Renewal
Single Membership - \$25 _____
Multi-year ____ years @ \$20 = _____
New Ham, New Member - \$10 _____
Single Membership, Full-Time Student \$10 _____
Family Membership - \$30 _____
ARRL Membership Renewal (include ARRL form) \$ _____
AD Space (2x3) One Year (member) - \$35 _____
AD Space (2x3) One Year (non-Member) - \$75 _____
Total Enclosed \$ _____
Cash Check Number _____

Interested in License Upgrades? _____
Joining ARES/ACS? _____
Disaster Action Team? _____
Obtain a HAM License? _____

Ventura County ACS/ARES Times & Frequencies

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



Area	Time	Mode	Frequency	Shift	PL	Repeater/Notes
Area 1	7:00-7:30 pm	Voice	147.930	-	127.3	AD6SV
<u>Area 2</u>	<u>7:00-7:30 pm</u>	<u>Voice</u>	<u>146.850</u>	-	<u>94.8</u>	<u>K6AER/Grissom</u>
<u>Area 2</u>	<u>7:10-7:30 pm</u>	<u>Voice</u>	<u>224.700</u>	-	<u>156.7</u>	<u>K6HB</u>
<u>Area 2</u>	<u>7:10-7:30 pm</u>	<u>Voice</u>	<u>449.440</u>	-	<u>131.8</u>	<u>W6AMG/Amgen</u>
Area 2	(Simplex)	Voice	146.445	None	None	Simplex
Area 2	(Backup Repeater)	Voice	147.885	-	127.3	N6JMI "Bozo"
Area 3	7:15-7:30 pm	Voice	147.915	-	127.3	WB6ZTQ
Area 4	7:15-7:30 pm	Voice	149.970	-	127.3	WB6YQN
Area 5	7:00-7:30 pm	Voice	145.400	-	None	N6FL
Area 6/7	7:00-7:30 pm	Voice	147.975	-	127.3	N6VUY
Area 8	7:00-7:30 pm	Voice	146.985	-	127.3	South Mtn.
County	7:30-8:00 pm	Voice	146.880	-	127.3	WA6ZTT
County	6:45-7:00 pm	Voice	52.980	-	82.5	K6SMR
County	7:30-8:00 pm	Voice	224.020	-	127.3	WB6ZTR
County	Before 6:30 pm	Packet	145.710	+	None	Hospital Net
County	(ACS Simplex)	Voice	147.570	None	None	Simplex

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 7:00pm.

Visitors are welcome and have the opportunity to operate the station. Please contact Gino Spinelli, KI6DJV at (805) 529-6101 if you would like to attend.

ACS members should remember that their ACS card is issued for only two years. When your card is due to expire, please call Jackie at the Office of Emergency Services in Ventura, (805) 654-2551, to renew it.

For questions concerning ACS/ARES, please call the Area 2 Emergency Coordinator, Ken Larson, KJ6RZ at (805) 495-9435 or go to the ACS/ARES section of the CVARC website at <http://www.cvarc.org>.

2008 CVARC Officers

President.....	Greg Lane	K7SDW	(805) 498-0454	k7sdw@verizon.net
Vice President.....	Phil Bartlett	K6UJO	(805) 499-6935	peb@peb.net
Secretary	Mary Ho	KI6COG.....	(805) 494-9241	abele7213@mypacks.net
Treasurer	Dave Morton.....	AA6DM	(805) 495-3920	aa6dm@arrl.net
Public Relations	Brad Ormsby	WA6GLE.....	(818) 991-1130	bormsby@sbcglobal.net
Technical	Bruce Elbert.....	K6ZB	(805) 529-2541	k6zb@arrl.net
Operations	open	open	open	open
Newsletter Editor	Neil Waybright.....	AF6CD.....	(805) 517-2962	af6cd@arrl.net
Education.....	Karl Moody	AE6TO.....	(805) 523-0622	ke6wvz@aol.com
Social.....	open	open	open	open
Member at Large	Hugh Bosma.....	AE6YC.....	(805) 498-1987	hrbcrb@aol.com
Member at Large	Mike D'Amore.....	N6MDA	(805) 496-1073	mike.damore@roadrunner.com



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



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

Address Correction Requested

– FIRST – CLASS – MAIL –



CVARC Online

For up-to-date information and back issues of newsletters, please visit the CVARC Web Site at <http://www.cvarc.org>. In addition to visiting the Web site, you may like to join the CVARC Yahoo Group at <http://groups.yahoo.com/group/CVARCDiscussion/>

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.

“News from 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 mailed free of charge to all members.

Opinions expressed in articles in this newsletter are those of the authors and do not necessarily represent the views of the club, its Board, or its 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 emailed to the Treasurer.

Current annual rates are: Regular Membership: \$25. Family Membership: \$30. Special discounts are available for; New members just licensed: \$10. Full-time Students: \$10. Regular members renewing for multiple years: \$20/year.