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The CVARC club meeting is held at 7:30 PM on the third Thursday of the month (except for December) at: The East County Sheriff’s Station 2101 East Olsen Road Thousand Oaks, CA 91360

The East County Sheriff’s Station (“ECSS”) facility is just off the 23 freeway from the Olsen Road off-ramp, north, between Thousand Oaks and Simi Valley.

Trivia Corner
<p>The answer to last month’s Trivia Corner question, the companies who manufacture solid state HF PA’s, are: Ameritron, Elecraft, Icom, SPE and Yaesu. For this month, what microphone (mfg. and model) was engineered specifically for the Icom 7800 radio but has become a favorite of most major manufactured radio owners because of its performance and value?</p>

**Presidents Message
by Zak Cohen, N6PK**

We have just successfully completed our field day. Adrian, K6KY, was our outstanding lead for the event. We operated as 16A using 16 operating positions on solar power.

Set-up was on Friday starting at noon. Putting up the county tent was quite easy. A lot of volunteers put up antennas and set up the operating positions. The “Loo” was delivered and the ACS mobile trailer was installed. It was a lot of fun and ended with a great pot-luck. Chris volunteered to cook the sliders and everyone had a great time.

Saturday at 11:00 AM Field Day started – and the hunt was on. We operated all bands using CW, voice and digital operation. The Boy Scouts were there to operate and qualify for merit badges. Various officials and the general public attended – about 120 visitors. Thanks to Diane for great publicity.

The BBQ, also cooked by Chris, was delicious and a great rest from operating. After supper we went back to operating the rest of the night and the next morning. We ended up with more contacts than last year.

Take down was easy and we left the field as we found it. Thanks to all that attended and operated. We will be showing pictures at the meeting.

In order to keep field day and other events ongoing – we need volunteers and in three months we have to have a slate of officers for next year.

CVARC Meeting and Discussion – July 17th

The Conejo Valley Amateur Radio Club will conduct its monthly meeting at 7:30 P.M. on July 17th, 2014, at the ECSS. We will have a panel discussion on high frequency (HF) operation.

There are many hams that have their technician's license as well as hams that have higher-level licenses that have not operated HF. There are so many options such as using CW, voice and digital operation with operators all around the world.

Questions will be answered on equipment and antennas needed, contesting, DX and other operating options.

We will also have a presentation with a slide show on field day. Adrian Jarrett, K6KY was in charge of field day.

I hope you can attend.

Zak Cohen – N6PK

CVARC VE Session Report

The next CVARC VE session will be held Sunday, August 10 at 8:30 a.m. at the East Valley Sheriff Station

CVARC VE sessions are sanctioned by the ARRL VEC and are conducted by a team of experienced Volunteer Examiners.

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.

**Submitted by Jeff Reinhardt AA6JR,
CVARC VE Session Coordinator**

One of Pete Heins Best

Pete, N6ZE, worked JA1UAV, in Koshigaya, Japan (Grid PM96) to the North of Tokyo on 6 meter SSB on Thursday evening, 10 July 2014. Peter's signal was S-3 over the 5400 mile path which was achieved by 3 or 4 hop Sporadic E propagation. [Congratulations, Pete – Ed.]

The Shape Shifting Tri-Band (SST) Antenna Project

Our antenna guru over here [at the Simi Valley Settlers Amateur Radio Club] has come up with a new club antenna project. I prevailed upon him to write up a description of the project that you might want to share with the CVARC membership.

- 73 -
- Joe W6JWP

[Thanks for his thoughtful contribution to **QUA CVARC**.]

This year's club project is the Shape Shifting Tri-Band (SST) (146 MHz, 220 MHz and 440 MHz) antenna. Just think, the 3 most popular VHF/UHF bands and only requires ONE mast and ONE feed-line.

- The SST antenna is a half wave dipole at 146 MHz, an extended space fed shape shifting dipole on 220 MHz and an 3 element collinear on 440 MHz.
- The connector style is type N.
- The SST antenna can take full legal limit power.
- The SST antenna can be painted (not part of build) so as to make it hard to see from the street (CCR's) or it can go in your attic (using reduced power).
- The SST antenna can be mounted for vertical or horizontal polarization and any single polarization in-between.
- Cross two SST antennas and feed one with 0 degree phase and the other with a 90 degree phase lead or lag and you can have circular polarization. You can stack 2, 3 or 4 antennas for a high gain dipole array.

We think the price of the SST antenna will be around \$80. This depends on how many are built and we don't have a final count yet. This price is for the SST antenna only and doesn't include any accessories.

**- Jim KI6MZ
- jhutch17@adelphia.net**



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 page 5 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

Name: _____
Call Sign: _____
Class: _____
Address: _____
City, State, ZIP: _____
Telephone: (_____) _____ - _____
E-Mail: _____
ARRL Member expiration date (on QST label): _____
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Date: _____ Update Roster Only? _____
Family Membership \$30: Names/Calls

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to receive a paper copy by mail, check here: _____

New or Renewal: _____
Single Membership \$25 _____
Family Membership \$30 _____
Multi-year _____ years @ \$20/year = _____
New Ham (licensed in last 12 months) \$10 _____
Single Membership & full-time student \$10 _____
ARRL Membership Renewal (incl. 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: _____ Earning a ham license _____

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 was updated 9/20/2013 and is available at: <http://vc-ares.org>. [Please note that these frequency charts are notoriously difficult to edit. If you see an error, please bring it to the Editor's attention. Thank you.]

For quick reference, you may wish to pick a local repeater, shown courtesy of Zak Cohen, with their offsets/PL from the abbreviated list below:

146.805 – 100.0 Simi Valley AD6SV
147.885 - 127.3 Thousand Oaks - BOZO N6JMI
147.915 - 127.3 Camarillo WB6ZTQ
146.970 - 127.3 Oxnard WB6YQN
145.400 - NIL Ojai Valley N6FL
147.975 - 127.3 Ventura N6VUY
146.385 + 127.3 Santa Paula & County Wide SOUTH MOUNTAIN WB6ZSN
145.460 - 127.3 Moorpark K6ERN
146.880 - 127.3 Red Mt / County / SMRA County Wide WA6ZTT
146.850 - 94.8 Thousand Oaks - Grissom N6EVC
224.700 - 156.7 Thousand Oaks – Grissom K6HB
223.960 - 141.3 Thousand Oaks - Rasnow Peak N6CFC
445.580 - 100.0 Simi Valley K6ERN
449.440 - 131.8 Thousand Oaks (AMGEN) W6AMG
447.000 - 103.5 Camarillo Springs K6ERN

For questions concerning ACS/ARES, please call Zak Cohen or 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, whose info is listed below, to arrange it.

2013 CVARC Officers

President.....	Zak Cohen.....	N6PK.....	(818) 802-8211.....	zcohen@ieee.org
Vice President.....	(currently vacant).....			
Secretary.....	Jim Feldman.....	W6CWM.....	(530) 248-3365.....	jdfeld@verizon.net
Treasurer.....	Christian Ylagan.....	KD6DWT.....	(202) 558-2009.....	kd6dwt@verizon.net
Public Relations.....	Linda Parker.....		(805) 583-2260.....	rose.lady@sbcglobal.net
Technical.....	Avi Carmi.....	K6AVI.....	(805) 616-2636.....	avi@carmi.us
Operations.....	Adrian Jarrett.....	K6KY.....	(805) 915-7562.....	g4frz@hotmail.com
Newsletter Editor.....	Mike Slate (acting).....	N6TEA.....	(818)-917-6868.....	n6tea@arrl.net
Education.....	Tim Wheeler.....	K6POI.....	(818) 541-0321.....	k6poi@arrl.net
Social.....	(currently vacant).....			
Member at Large.....	Todd Kleopfer.....	KD6RCM.....	(805) 844-8708.....	kd6rcm@arrl.net
Member at Large.....	Andy Ludlum.....	KI6NON.....	(818) 370-3402.....	ki6non@arrl.net
Member at Large.....	Charles Pember.....	KG6CLT.....	(805) 495-6701.....	crpember@aol.com



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 website at <http://www.cvarc.org>. In addition to visiting the website, 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.

“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 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 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.