

The Short Circuit

<http://www.avarc.club>



The official publication of the Antelope Valley Amateur Radio Club

June 2016

President's Corner

Carol Humpherys AF6OV

Field Day 2016 is finally here! Preparations are complete and the AVARC is ready for the annual event!

The ARRL describes Field Day as a “part educational event, a part operating event, a part public relations event and ALL about FUN!” The objective is to work as many stations as possible on any and all amateur bands (except the 60, 30, 17 and 12 meter bands) and to operate in less than optimal conditions.

AVARC's Field Day this year is at Tierra Bonita Park, at 44910 27th St E., Lancaster and is just north of Lancaster Blvd, between 27th St. E and 30th St. E. (It's the same venue as last year's event.) The park is equipped with picnic tables, walkways, and a gently sloping terrain. There is a terrific playground for kids—huge slides for big kids and a smaller play area for the young ones. We'll be setting up on one of the curving walkways that run through the large grassy expanse. The park also offers shade trees that provide comfortable cover.

Field Day set-up starts Friday, June 24 at 12:00 noon, with the contest running from Saturday, June 25 through Sunday, June 26. Setting up Friday afternoon and tearing town Sunday is an opportunity to practice antenna assembly skills.

Paul L'Heureux KD6SMC has done a terrific job coordinating the event. He's ensured that the trees are trimmed to allow safe passage for high profile trailers, and has confirmed that sprinklers will not go off at 4:00 am as they did last year, when we had an unexpected early morning shower. A barbecue is scheduled for Saturday afternoon with burgers, hot dogs and ice cold sodas. Sunday morning is Adrienne Sherwood's (WA6YEO) famous pancake breakfast. You won't want to miss either one!

Dan Sherwood W6DAS will be operating on HF. Dale Snider (KØBGL) will man his CW station. I anticipate Keith Hoyt K6GXO will be on 6 meters with solar

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Meeting Notice

Thursday, June 23, is the next meeting of the AVARC at Antelope Valley First Christian Church, 1702 East Avenue J, in Lancaster. This is the same location where the monthly VE sessions are held. Talk-in is available on the Hauser Repeater (146.73 MHz. PL 100) if you need directions. Eyeball QSO starts at 7 pm, and the meeting starts at 7:30.

The new phone number for the club is **(661) 265-6131**.

The June 23 meeting will feature a presentation on antennas and propagation phenomenon by **Steve Noll WA6EJO**. This will be a live demonstration exploring radiation patterns and polarization of a variety of antennas from ground planes to loop yagis to helices, plus actual demonstrations of a variety of propagation phenomena including ducting, refraction, diffraction, knife edging, NVIS, Fresnel zone, and velocity of propagation.

Steve Noll, WA6EJO, has been active in Ham Radio for the past 40 years. He pioneered 2-way Amateur Radio Laser communications culminating in a 58 mile record 2 way contact. Steve operated an experimental 23 centimeter repeater and an X-Band beacon for many years and chaired three West Coast VHF/UHF Conferences where he also built and ran the antenna gain and pattern plotting ranges. Recently retired after 27 years in the semiconductor industry. Steve is a member of the Amateur Television Network and is a founding member of the Ventura Makerspace.



Steve Noll WA6EJO

From The Veep

Eugene Humpherys KG6SLC

An update to the status of the Parity Act was posted on the ARRL website 06/07/2016.

“ARRL and the Community Associations Institute (CAI) — the national association of homeowners associations (HOAs) — have reached consensus on provisions of the **Amateur Radio Parity Act, H.R. 1301**. ARRL and CAI have worked intensively since February to reach agreement on substitute language for the bill in an effort to move it through the US House Energy and Commerce Committee and to overcome objections to the companion US Senate bill, S. 1685. Along the way, the offices of U.S. Representatives Adam Kinzinger (R-IL), Greg Walden, W7EQI, (R-OR), and Anna Eshoo (D-CA) mediated and offered assistance.

ARRL Hudson Division Director and Legislative Affairs Committee Chairman Mike Lisenco, N2YBB, called the agreement “a significant development in the League's 30-year pursuit to secure the ability to erect Amateur Radio antennas in deed restricted communities.”

ARRL General Counsel Chris Imlay, W3KD, said the League was pleased to have reached an agreement with CAI over new proposed language in this legislation that both ARRL and CAI endorse and support. “We agree with CAI that the substitute amendment is balanced, and we think that this bill's language is more objective and offers perhaps more guidance to HOAs than would the PRB-1 ‘reasonable accommodation’ test for municipal land use regulations,” he said.

Imlay explained that ARRL did not have the final language for the substitute amendment until late last week, and the amended bill has not been introduced in the House as of yet. ARRL planned no announcement about the text of the amended House bill until it was introduced. However, because the text became available from the House Office of Legis-

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From the Secretary's Desk



AVARC General Meeting May 26, 2016

Opening: Eugene Humpherys, KG6SLC, Vice-President
Excused Carol Humpherys, AF6OV, President, out of town in Birmingham on business.

7:30 pm call to order

Flag salute

Welcome to members and visitors.
39 members and visitors.

Announcement: Shirley Hosman, KB6HNF, has become a silent key. She passed Friday, May 20, 11:30 am at the age of 88. A memorial service is being held Saturday, June 4, 3 pm at the Masonic Temple, 2231 E Avenue Q, Palmdale, California. Our condolences to the family.

General business:

Minutes from last meeting submitted by Dan Sherwood (W6DAS), and printed in the Short Circuit. Any corrections? Elect Paul as replacement board member. Inquire Margie for Net Control volunteers. Motion to approve as printed in Short Circuit made by K6RJC, seconded by N6FOD Approved? Y

Treasurer's Report: Gary Barr WA6TWT: Checking balance \$5,158.09 (Inc cash \$93.00) Total: \$5,251.09

Membership Report: Gary Barr WA6TWT: Members # 94 ARRL members 79.79%, Members present tonight 42.

Paul L'Heureux: Field day prep: Friday, June 24 noon to Sunday, June 26 at Tierra Bonita Park Located at 44910 27th St E. Lancaster. It's just north of Lancaster Blvd, between 27th St E and 30th St E. Paul will bring BBQ. Safety Offi-

cer should be appointed for extra points. Need volunteer for this. Need items for potluck, water, ice, etc.

Club cards available along with copies of the Short Circuit.

Other business (as time allows): Club Patches (Check with Paul), show & tell, etc.: Keith presented on Dayton Hamvention. Keith volunteers for the DARA group sponsoring Dayton.

Eugene: June 4, Sheriff offered the Club a booth at the Sheriff's station for an Open House event. Hours 10AM – 2PM. To be considered.

Next month's speaker: Steve Noll WA6EJO on Antennas and Propagation Phenomenon. Meeting will begin with the presentation, followed by club business. This is a MUST SEE event.

Break

Speaker: Ross Overstreet presentation on Infra-Red technologies

Certificate of appreciation presentation
Announcements:

Next VE Session at First Christian Church on Saturday, June 4 at 9 am. Address 1702 E. Ave J across from Wal-Mart. Session is ARRL with a \$15.00 fee.

Next Board Meeting scheduled for Thursday, June 2, at Texas Cattle Company. Arrive at 6 pm for dinner. The meeting will start at 7:00 pm and ending by 8:30 pm. The meeting is open to all club members.

Short Circuit articles due Sunday, June 12. E-mail to Adrienne. Members at large are invited to contribute.

50/50 drawing won by Adrienne WA6YEO for \$19.00

A certificate of appreciation was awarded to Ross for his presentation.

Meeting adjourned at 9:02 PM.

AVARC Board Meeting June 2, 2016

Opening:

Call to order by Carol Humpherys AF6OV at 6:50 pm

Minutes from last board meeting: Secretary Dan Sherwood W6DAS. Any corrections: N

Motion to approve as printed in Short Circuit Made by: Keith K6GXO Seconded by: Paul KD6SMC. Approved? Yes

Treasurer's report: Gary Barr WA6TWT - Checking, \$5,051.46 cash \$108.00 & total \$5,159.46 . New expenses to be submitted?

Membership Report: Gary Barr WA6TWT Membership 91, % ARRL: 79.17%

Non-profit status: Matt. Club spent \$96.00 for bank statement history.

Per Matt – application is being re-submitted along with 3 years of tax returns. Form 990 being submitted.

The processing fee is \$400 – check has been cut, to be sent in upon re-filing. Matt reminded us to be sure

a form 990 is submitted to California, and a 990M for the feds. These are due by March 15 each year.

Contact telephone numbers for IRS. Gary Barr will be telephone POC, (treasurer). IRS wants organiza-

tional web address, email address, and mailing address, (PO box). Gary Barr – spoke about State returns, (\$20 fee).

Members present tonight: Carol Humpherys AF6OV, Eugene Humpherys KG6SLC, Gary Barr

WA6TWT, Gary Mork WA6WFC, Matt Stewart K6MES, Keith Hoyt

K6GXO, Paul L'Heureux KD6SMC, Dan Sherwood W6DAS, Adrienne

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Sherwood WA6YEO, Dale KØBGL and Mellie.

Old Business:

Meeting venue change: Carol formally notified the city we are no longer meeting at the old venue.

VP report: Eugene Humpherys KG6SLC. June & July speakers. Steve Noll speaker in June – great talk! Eugene will video record the speech. It was recommended a \$50 honorarium. Carol made motion, Keith seconded. Approved, pending Steve is good with it. Carol modified motion to amend the honorarium to \$100 considering the distance driven. Paul seconded. Approved.

July speaker – Norm Goodkin will be doing a presentation on the PAPA repeater system.

August: Gurbux Singh W6BUX – operation in Burma, (Myanmar). Another great show!

Weekly Club Net: Margie. Participation metrics good.

HAMCON: No news yet.

Field Day report & Club logo patches: Paul L'Heureux. Communications: June club meeting. E-mails to the club Marcus Martinez: KE6RHV - NTS table Marcus will run an NTS table and handle the messaging. Adrienne will do pancakes. HF Linup: SSB W6DAS, CW Dale KØBGL, 6m VHF Keith K6GXO. Discussion between Paul and Carol about bringing ice, sodas

Secretary's Desk...



and water. George Becker will be able to pick up and return tables. A place that is open on Sundays will be preferred to table rental. Site layout will be similar to last year. Paul will check to be sure the sprinklers are turned off. Safety officer: Rodney Jackson offered to be FD safety officer in order to get the 100 new bonus points. Eugene will bring RC helicopter for the extra points. EZ-Ups will be brought by Eugene and Carol. Paul contacted the scouts, they may or not show up. Paul will provide FD patches for the scouts. If they don't show then patches will be given to members who show up and participate. Carol recommends email announcements to the membership to promote field day. Motion to fund FD made by Gary Barr for \$250. Seconded: Keith. Approved.

Paul: Jamboree on the Air in October. Volunteers needed to help the scouts with a demo stations.

Web site update: Dan – working with WordPress, gathering knowledge.

Attendance continues to be up. Thoughts to increase attendance at meetings & on the net?

Goals/Vision:

Provide enriching amateur radio activities, experiences and opportunities.

Be an AVARC ambassador to other clubs and the community. Increase meeting and net participation.

After FD, continue outreach to other clubs, (after Field Day).

New Business:

New Los Angeles Section Manager: David Greenhut N6HD resigned. Diana Feinberg AI6DF appointed 6/1/2016,

Sheriff Dept Open House, Sat June 4: AVARC not participating. Club cards requested

Insurance renewal: Margie got renewal notice. Carol registered herself as the POC. Email address is insurance@avarc.club. Carol will re-register with correct addresses removing Margie from being POC.

Eugene: Need a contact for a speaker on Solar power. He will contact new SCM Diana Feinberg.

Announcements:

Next VE Session Saturday, 6/4/16, 9 am First Christian Church. Address 1702 E. Ave J – Across from Wal-Mart. Session is ARRL with a \$15 fee. VE's bring recruited.

Next Club Meeting: Thursday, June 26, at the First Christian Church. Address 1702 E. Ave J – Across from Wal-Mart.

Next Board Meeting, Thursday, July 7. Humpherys QTH. Arrive at 6 pm for dinner. The meeting begins at 7:00 pm and should end by 8:30 pm. The meeting is open to all AVARC members.

Short Circuit Articles due Sunday, June 12 (Other articles welcome!!)

Respectfully Submitted,
Dan Sherwood W6DAS
AVARC Secretary 2016

President's Corner... From the VEEP...



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power. And then of course there is the GOTA (Get On The Air) station. Eugene Humpherys' KG6SLC radio operated Helicopter will be on display. Marcus Martinez KE6RHV will manage a NTS table and pass traffic. The Hosmans are handling the publicity and staffing our Welcome Booth. We will also have a Safety Officer this year—a new addition suggested by the ARRL.

Staying late Saturday night is tremendous fun, whether it's to operate into the wee hours of the morning or just to sit around visiting with each other. Several hams will be camping overnight. (I'm in negotiations with my husband on the matter. This year Eugene and I may be staying!)

I invite you to stop by during Field Day – for 5 minutes, for 5 hours or for all night. You will have fun. See you there!

73,
Carl AF60V



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lative Counsel, and as CAI released the text to its members, it was decided to release the amended text now.

“The bottom line,” Imlay said, “is that if the bill is enacted, it would allow every amateur living in a deed-restricted community — for the first time in the history of Amateur Radio in the U.S. — the ability to install an effective outdoor antenna.”(bold by KG6SLC)

“That would benefit thousands of current and future hams living in deed-restricted communities,” Lisenco added.

Imlay explained that the substitute bill would guarantee that a radio amateur living in a deed-restricted community — including condominium or townhouse communities — could install and maintain an “effective outdoor antenna.” Achieving the agreement came without disrupting 30 years of zoning case law that has interpreted the PRB-1 federal preemption and protected radio amateurs from overregulation by zoning authorities. The bill incorporates the basic tenets of PRB-1.

According to the substitute bill’s language, the FCC would enact rules prohibiting the application of deed restrictions that preclude Amateur Radio communication on their face or as applied. Also prohibited would be deed restrictions that do not permit an Amateur Radio operator living in a deed-restricted community to install and maintain an effective outdoor antenna on property under the licensee’s exclusive use or control.

The substitute bill would prohibit deed restrictions that do not impose the minimum practicable restriction on amateur communication to accomplish the lawful purposes of a homeowners association (HOA) seeking to enforce the restriction. Amateurs wishing to install an antenna in a deed-restricted

community would have to notify and obtain prior approval of the homeowners association. HOAs would be able to preclude the installation of antennas in common areas — ie, property not under the licensee’s exclusive use.

The substitute measure provides that HOAs could enact *reasonable* written rules governing height, location, size, and aesthetic impact of outdoor antennas and support structures, as well as installation requirements. Those rules could not preclude amateur communication nor restrict the absolute entitlement of each amateur living in a deed-restricted community to an effective outdoor antenna, however. The amended measure reiterates the strong federal interest in Amateur Radio communication in a licensee’s residence.

“Community associations should fairly administer private land use regulations in the interest of their communities, while nevertheless permitting the installation and maintenance of effective outdoor Amateur Radio antennas,” the negotiated language states. “There exist antenna designs and installations that can be consistent with the aesthetics and physical characteristics of land and structures in community associations while accommodating communications in the Amateur Radio services.”

Lisenco cautioned that getting the Amateur Radio Parity Act signed into law still remains a long process. “Much work needs to be done,” Lisenco said. “ARRL will still need to call upon the entire membership to contact their elected officials, especially in the Senate, to ask for their affirmative vote on this bill,” he stressed.”

UPCOMING CLUB MEETING PRESENTATIONS

- June: Steve Noll WA6EJO Antennas and Propagation Phenomenon
- July: Norm Goodkin K6YXH Papa Repeater System
- Aug: Gurbux Singh W6BUX When amateur radio was outlawed in Burma

73,

Eugene KG6SLC



Field Day Update by Paul L'Heureux, KD6SMC

Swap Shop

Hello all. Well it's three weeks till Field Day and I thought I'd give you an update on what to expect and also to invite anyone who is not familiar with Field Day to come out and see some of the benefits of getting a ham license or upgrading from the technician license to the general or extra class license.

This year, we will have an HF voice station and an HF – CW station, a VHF station on 6 meters and our GOTA (Get On The Air) station for Technicians and non-hams to get on the air and talk on HF.

We will also have a station set up to send messages on the NTS system (National Traffic System). Some of the antennas used will be verticals, beams, and dipoles. Club members will be available to answer questions and show guests the different stations.

We are also reaching out to the press and local politicians to come out and visit. Due to the emergency preparedness nature of Field Day, it's important that local government officials understand that this resource is available in times of emergency and what amateur radio is capable of.

We will begin setting up at noon on Friday, June 24, and operation begins at 11 am on Saturday, the 25 and run till 11 am Sunday when we will begin teardown and clean-up of the site. Come out and support your club and help out with set up or during the event. Even if all you can give is one hour, it will be greatly appreciated.

Now, for the Technicians and non-hams, Field Day is a great opportunity to learn about ham radio. For those who are not familiar with Field Day, it is the largest amateur radio event in North America. It's not a contest per se, but most participants try to get as many points as possible. I know that many new hams and non-hams are reluctant to speak on a radio. I still get tongue tied if I have to

have a long conversation with a stranger on the air. But not to worry, on Field Day the exchange is short with just a few items of information passed between the two stations, and then the parties move on to another contact. So if you get on the air, you'll find it's over before you have a chance to get nervous. On my first Field Day, I had so much fun, that I stayed on the radio long into the night and a few weeks later went out and bought my first HF radio. Besides, we have a script for you and someone sitting next to you so you simply can't make a mistake. And for first-timers, we have QSL cards that we will fill out to commemorate their first radio contact.

Well, that's all I have, the AVARC hopes to see you all at Field Day 2016. It promises to be an enjoyable weekend of socializing and ham radio. 73's, Paul L'Heureux, KD6SMC

ICOM XCVR FOR SALE

Icom IC-726 HF Transceiver plus 6 meter.

Icom PS-55 power supply for 726

\$100.00 OBO

Contact WA6TWT, Gary Barr

661-946-2717

CUSHCRAFT BEAM FOR SALE

Cushcraft A-3 Three Element Beam - New in the Box

10/15/20 Meters

Asking \$400.00

Contact Frank Fedor N6SRZ

661-733-0789

VE TESTING SCHEDULE 2016

7/18/2016	Monday	7pm.	GLAARG
8/6/2016	Saturday	9am.	GLAARG
9/12/2016	Monday	7pm.	ARRL
10/1/2016	Saturday	9am.	GLAARG
11/7/2016	Monday	7pm.	GLAARG
12/3/2016	Saturday	9am.	ARRL

The regular exam location is the First Christian Church of the Antelope Valley.

1702 East Ave. J., Lancaster, CA (Across the street from the Eastside Wall Mart).

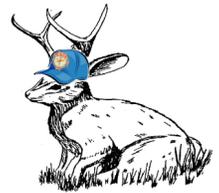
Please enter parking lot off the end of the cul-de-sac 17th Street East, enter the classroom annex, and look for the "FCC Exams" sign outside the correct classroom. Monday Nights: Please do not disturb the A.A. group or other groups that may be using the facilities.

Dates/times may be subject to change.



Antelope Valley Amateur Radio Club 2016 Officers

President	Carol Humpherys	AF6OV	722-4616
Vice President	Eugene Humpherys	KG6SLC	722-4616
Secretary	Dan Sherwood	W6DAS	264-1863
Treasurer	Gary Barr	WA6TWT	946-2717
Master-At-Arms	Gary Mork	WA6WFC	948-8317
Board Member	Matt Stewart	K6MES	264-4629
Board Member	Paul L'Heureux	KD6SMC	305-1838
Trustee	Keith Hoyt	K6GXO	533-4025
Ex Officio	Margie Hoffman	KG6TBR	297-6567



AVARC board meetings are held on the first Thursday of each month. All members are welcome to attend, although they should let the president or another officer know that they are planning to attend, as the meetings usually include a pot-luck dinner at the home of one of the officers.

The club net is on Wednesdays at 8:00, on the Hauser repeater (146.73 MHz PL 100). The net includes Amateur Radio Newslines, and all members and guests are invited to check in.

The Antelope Valley Amateur Radio Club K6OX
 Post Office Box 1011
 Lancaster, CA 93584-1011

Place
 Postage
 Here

To ARS:

