

The Short Circuit

<http://www.k6ox.club>



The official publication of the Antelope Valley Amateur Radio Club

August 2022

President's Corner

George Becker KC6UVM

It is not necessary to remind anyone that we are in the Dawg Days of Summer. With the temperatures reaching the triple digits, if you don't need to be outside, stay indoors. Drink lots of water and stay well hydrated as often as you can. Working on projects in the garage has been difficult with all this hot weather. And then there is the electric bill because the AC has been working in overdrive. Oy, don't get me started.

There are days when writing is difficult and coming up with something to discuss that is generally ham radio related will vary. Currently, 96 percent of the paying AVARC club membership belongs to the ARRL (including myself). Picking up a QST magazine for ideas is one resource for amateur radio information. Flipping through the pages (Lord grant me the strength to avoid the temptations of buying more gear), generally lead to excellent articles that have been good reading. Looking back in time, electronic parts were more available either in local stores or by mail/online and my eyesight wasn't all the bad. Hi, hi.

To construct a J-pole antenna, in whatever frequency you transmit on, most of the pieces and parts are available at your local hardware store. All the copper pipes/tubing, caps, elbows, tees and the solder can be found at the hardware store. All you need is a PL-239 chassis mount flange connector and a piece of wire. The PL-239 chassis mount flange connector can be found on Amazon. Otherwise, all you need to do is download the plans to make a J-Pole antenna from the internet.

In the August 2022 issue of QST, there was an article written by Bob Herklotz, K4HRK about an antenna project called ComBrella. Its all about a 2m/440cm antenna made with readily available materials found at home to make an umbrella into an antenna. You'll need a few SMA connectors, a dual band VHF/UHF whip, about eight feet of RG-174 coax and an umbrella. You can have either a metal or fiberglass umbrella. Read all about it in QST. If you don't have QST, then maybe you should investigate joining the ARRL. A subscription to QST comes with membership in the ARRL.

This brings us to the topic of the upcoming AVARC club meeting August 25, 2022, at the Quartz Hill Library with Loretta AJ6HO and Larry K6HLH doing a presentation on schematics. The antenna is the final component found in a schematic of a radio. A schematic is more than the sum of the individual components. A radio begins with an input such as a voice through a microphone or the shorting of two contacts to create a pulse (i.e., Morse Code or CW). How it all gets to the antenna is what is involved in the design of the radio found in the schematic. To learn more, come to the meeting and view the presentation all about schematics.

We will be doing a hybrid meeting again. For those of you who are unable to attend the meeting in person, join us on Zoom. The doors will open at 7:00 PM and the meeting will begin at 7:30 PM.

See you then.

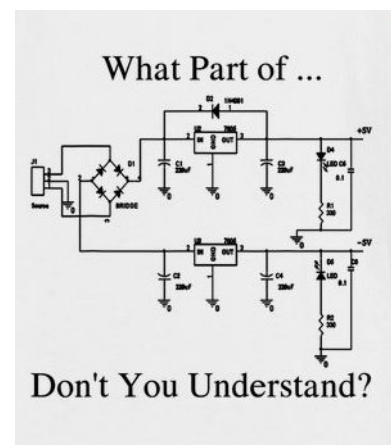
73,

George KC6UVM

Meeting Notice

Thursday, August 25, is the next meeting of the AVARC at the Quartz Hill Library, 5040 West Avenue M-2. 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. This will be a hybrid meeting, both in person and on the Zoom online video app. Current members should have received the meeting invitation link via the email announcement of the July newsletter. If you are not a Zoom user, installation instructions can be found at: <https://zoom.us/signup>. Sign up for the free account, and it will then lead you to download and install the necessary plug-ins to join our meeting. If you are a guest or former member, please send an email to meeting@k6ox.club, stating your name, callsign (if any), and interest in the Club, and we will send you the meeting invitation link.

This month's presentation will feature our own **Loretta Smalls AJ6HO**, along with **Larry Johnston K6HLH**, who will give a talk on reading schematic diagrams, as part of the club's 10 GHz project. This promises to be a topic of great interest, particularly for those of us who want to delve into a new and more technical aspect of ham radio. Be sure to mark your calendars and join us!



From the Secretary's Desk



Antelope Valley Amateur Radio Club/K6OX

General Meeting hybrid in person/
zoom

July 28, 2022 19:30 hrs

Those present: In person; President George Becker KC6UVM
Treasurer David Haberman AK6DH
Board Member Dan Sherwood W6DAS
Trustee Keith Hoyt K6GXO Ex Of-
ficio Mike Beckers K6YQO
Short Circuit Editor Adrienne Sher-
wood WA6YEO
Presenter Mark W6WML and his
wife Cathy

Others in person; Betsy AJ6AF
Allan KJ6ZYQ Christal KN6VFX
Jim W6JWC Carl KN6VFP
Keith N6VRZ Ron KB6WBO Yoshio
KE6ACH

Via Zoom; Vice President Andrew
Gipetti W2AJG Secretary Loretta
A Smalls AJ6HO

Others via Zoom; Denilson Frietas
Margie KG6TBR Chuck W2QLH
John KN6VL Matt K6MES

The Presentation: Mark Johnston
W6WML is very knowledgeable and
very passionate about his RC aircraft
hobby, something he has been in-
volved with for an impressive 50 +
years.

The FCC is working to make RC en-
thusiasts have to get licenses to op-
erate these remote controlled aircraft.
Many find this completely unneces-
sary but what are we to do? For more
information on that; [https://
www.ecfr.gov/current/title-14/chapter
-I/subchapter-F/part-107](https://www.ecfr.gov/current/title-14/chapter-I/subchapter-F/part-107) .

Although RC activities here in the AV
have dwindled since COVID, the
events in Visalia are really quite pro-
lific. If you are ever in the Visalia area
in October check them out; [https://
cvrcoaring.wordpress.com/](https://cvrcoaring.wordpress.com/) .

Treasurer's report – David Haberman AK6DH

Checking account: <As stated>
July Deposits: <As stated>
July Expenses: <As stated>
Cash on hand: <As stated>
Total: <As stated>
Total Members: 41 regular, 13 life;
total 54
% ARRL members: 96%

Old Business:

Field Day results can be found on the
ARRL website here; [http://
www.arrl.org/results-database](http://www.arrl.org/results-database)

They will also be published in the QST
December issue.

I also want to add that we still need
folks to be NCS for our Wednesday
night nets. The script can be
downloaded and printed out from our
website; [http://k6ox.club/__pdf/
NCScript2022.pdf](http://k6ox.club/__pdf/NCScript2022.pdf)

We also need more folks to get in-
volved in our elections. We have been
without a Master At Arms for some
time now, and we will need a new
President this election cycle as George
KC6UVM has fulfilled his 2 years.

New Business:

We did not have any new business this
time.

Future Presentations: see board meet-
ing minutes below.

Other Announcements:

Short Circuit articles are due by August
14.

Exams continue online via GLAARG.
<https://glaarg.org/>

Next club meeting is August 25 at the
QH Library and via Zoom hybrid.

Next board meeting is September TBD
considering the Labor Day Holiday. If
Foxy's Cafe is open on Sept. 5 we will
have the board meeting there at 11:00
A.M. If not it will be Sept. 12 via Zoom
at 7:00 P.M.

There is a new question pool for the
Technician license and for those who
are still studying for their exam there
are many study tools available includ-
ing the Ham Study manuals available
through Amazon or ARRL, and
HamStudy.org <https://hamstudy.org/>.

Motion was made to adjourn the
meeting by Treasurer David Haberman
AK6DH and seconded by Betsy
AJ6AF. It was approved by all and mo-
tion carries. Meeting was adjourned at
21:00 hrs.

Antelope Valley Amateur Radio Club/K6OX

August 1, 2022 Board Meeting via
Zoom 19:00 hrs.

Those Present:

President George Becker KC6UVM
Vice President Andrew Gipetti
W2AJG

(Continued on page 3)

Secretary's Desk...



(Continued from page 2)

Secretary Loretta A Smalls AJ6HO
Board Member Dan Sherwood W6DAS

Trustee Keith Hoyt K6GXO Ex
Officio Mike Beckers K6YQO
Mark W6WML

Treasurer's Report: D a v i d Haberman AK6DH was not present so we just went with the report from last month's general meeting.

Old Business:

President George Becker KC6UVM checked on the club shirts from the AV Grafix and we are at around \$45 per shirt. They are Polo shirts with the club logo and George will keep us updated on the progress of these shirts, and then we will proceed from there. There will be further discussion on club shirts at future meetings.

New Business: We may not be able to use the church for our Christmas party so we are on the hunt for a different venue. We will keep you posted, keep checking our club website for updates on all activities.

Motion was made to approve the previous board meeting minutes as taken by Secretary Loretta A Smalls AJ6HO by Mike Beckers K6YQO and seconded by Dan Sherwood W6DAS.

Future Presentations:

August 25 we will resume our club's 10GHz project starting with reading schematics. We will focus on the schematics that pertain specifically to the DEMI 3W transverter with

the help of Larry Johnston K6HLH who is with the San Bernadino Microwave Society.

September 29 First round of elections and the continuation of our 10GHz project on finally making contacts with the DEMI transverter and the FT 818 ND.

October 27 Elections, speaker TBD, Anchors Away swap meet and Boat Anchor night.

November Thanksgiving 17 Thursday a week early and we finally have a representative from Radio Jove for this meeting. We have Chuck Higgins with the Radio Jove Project and this will be another good one for the youth.

December Christmas 16 Once again a week early and on Friday. Our speaker will once again be the brilliant Diane Feinberg AI6DF.

Other Announcements:

Short Circuit articles due by August 14

Exams continue online via GLAARG. . <https://glaarg.org/>

Next club meeting is August 25 at the QH Library and via Zoom hybrid.

Next board meeting is September TBD considering the Labor Day Holiday. If Foxy's Cafe is open on Sept. 5 we will have the board meeting there at 11:00 A:M. If not it will be Sept. 12 via Zoom at 7:00 P:M.

Motion was made to adjourn the meeting by Secretary Loretta A Smalls AJ6HO and seconded by Ex

Officio Mike Beckers K6YQO. Approved by all and motion carries, meeting adjourned at 19:30 hrs.

Swap Shop

VINTAGE HAM EQUIPMENT

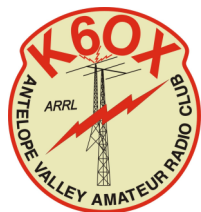
I have several pieces of Collins and Hallicrafter vintage radio equipment for sale including a complete Collins KWM2A station with 30L1 Amplifier plus a 312B-5 station control. The Hallicrafter equipment includes a HT-37 (Transmitter), HT-41 (Linear amplifier 1000 + watts) and a SX 111 (receiver). I also have several pieces of vintage test equipment including an army tube tester.

If interested in this type of vintage radio equipment please contact me at 661 816 4954, My QTH is Pearblossom, Ca.

Dalton (Dick) Postma KO6DL

Swap Shop ads will be run at no expense for AVARC members. Please include contact information. Email Adrienne WA6YEO at wa6yeo@sbcglobal.net or call her at 661-480-5227.





Antelope Valley Amateur Radio Club 2022 Officers

President	George Becker	KC6UVM	478-0818
Vice President	Andy Gippetti	W2AJG	433-2106
Secretary	Loretta Smalls	AJ6HO	350-7039
Treasurer	David Haberman	AK6DH	917-4594
Master-At-Arms			
Board Member	Larry Mock	KI6BKP	943-6736
Board Member	Dan Sherwood	W6DAS	480-5227
Trustee	Keith Hoyt	K6GXO	533-4025
Ex Officio	Michael Beckers	K6YQO	805-906-9555



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
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To ARS:



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