

The Short Circuit

<http://www.k6ox.club>



The official publication of the Antelope Valley Amateur Radio Club

April 2022

President's Corner

George Becker KC6UVM

By the time this is read by all or most of the members, April 2022 will almost certainly be coming to an end. April is one of those months where the weather is hot one day and cold the next. There just does not seem to be a happy middle of the road opinion of the weather. All I know is that the allergies are in full swing and there is no escaping.

A year ago, it was discussed how certain items of clothing seem to vanish in the dryer. One theory was that of micro black holes generated by the power of the gas/electric clothes dryer. Chances are what really happened in the dryer could be attributed to static cling. There's also speculation that April Fools' Day was tied to the vernal equinox, or the first day of spring in the Northern Hemisphere, when Mother Nature fools people with constantly changing, unpredictable weather.

In a search of ham radio related April writings this month, there was an interesting enough article/website to avoid plagiarizing:

<https://hamradioscene.blogspot.com/2007/04/ham-radio-and-april-fools-day-past-and.html>

And this below link/ article was about repurposing sea going aircraft for modern ham radio DXpedition shuttles:

<https://www.df5ai.net/ArticlesDL/C123/C123.html>

Now if there is an honorable mention, go to this website: <http://>

(Continued on page 3)

Meeting Notice

This month's meeting will be held on **Thursday, April 28, 2022 at 7:30PM**, via the Zoom online video app. Current members should have received the meeting invitation link via the email announcement of the December 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 meeting will feature our own **Brian Basura N6CVO**, with his presentation, "Pico Ballooning and Ham Radio". You can read more about Brian and his presentation in this month's Vice President column. It should be a very interesting and informative talk, so be sure to mark your calendars and join us on the 28th!



Brian Basura N6CVO and Jed Dyke N6JED launching a pico balloon at QuartzFest 2022.

Photo by Dan Sherwood W6DAS

From the VEEP

Andy Gippetti W2AJG

This month's program will feature Brian Basura N6CVO, who will tell us what Pico-Ballooning is and how it differs from other types of High Altitude Balloons (HAB's). He will also go over the basics of a complete balloon as launched as well as a number of common options. He will then talk about Ham Radio and the key role it plays in this hobby. Finally he will finish up discussing his recent launches from QuartzFest in AZ.

As for Brian:

He is an Extra Class operator, Assistant DEC for ARES High Desert (LAX Section), VP of the Acton Agua-Dulce ARC and he works as a Hydroelectric Power-plant Technician. He also manages two Winlink Gateways and he is the trustee for two local repeaters.



From the Secretary's Desk



AVARC General Meeting via Zoom March 24, 2022 19:30 hrs

Meeting called to order by President George Becker KC6UVM at

Those Present;

President George Becker KC6UVM
Vice President Andrew Gippetti W2AJG
Secretary Loretta A Smalls AJ6HO
Board Member Dan Sherwood W6DAS
Board Member Larry Mock KI6BKPE
Ex Officio Mike Beckers K6YQO
Short Circuit Editor Adrienne Sherwood WA6YEO and Minnie

Others Present;

Guest speaker Steve Molo KI6WFR
Margie KG6TBR Mark W6WML Rob Reukauf
Yoshio KE6ACH

THE PRESENTATION: Welcome Steve Molo KI4KWR from Gigaparts who gave an excellent presentation on antenna analyzers. One item that Steve pointed out was just how important it is to READ THE MANUALS and to NEVER EVER plug your antenna analyzer to the radio. It is after all an antenna analyzer not a radio analyzer hi hi. The antenna analyzer is meant to measure the impedance of your antenna and to help get your antenna to the best settings possible. This of course is done by measuring, lengthening or shortening the elements and is not meant to measure how well your radio is performing.

There was a great deal of very good information on this presentation, much more than can be covered in these notes but when you do order something from Gigaparts they are always available for tech support and I personally have used their on line chat many times for advice. Thank you very much Steve KI4KWR for a wonderful presentation. <https://www.gigaparts.com/products/antenna->

systems .

Club Business:

Minutes from last month's club meeting were taken by Secretary Loretta A Smalls AJ6HO and posted in the Short Circuit. A motion was made to approve the minutes by and seconded by

Treasurer's Report:

David Haberman AK6DH

Checking:	<as stated>
Cash On Hand:	<as stated>
Total:	<as stated>
Membership:	53 including 13 life members.
ARRL %	96%

Old Business:

We could still use a net control person to do the fourth Thursday of the month, it would really be appreciated.

We would also love to have a volunteer for Master At Arms. We still do not have one.

If you have not yet paid or renewed your membership dues you will be removed from the roster. We invite you to do so now, as our Treasurer has made it easier to do everything electronically via Zelle. We all have been working to revamp the club to include dedication to youth On The Air, and some interesting projects we have been working on. So please don't miss out.

We will be continuing Zoom for now as long as we need reliable internet, but we will be re-evaluating our use of the Quartz Hill Library in a couple of months. Of course this also depends on any new variants of Covid 19 that keep popping up, as well as the need for internet.

New Business:

Baker to Vegas is in a couple of weeks and

stages 12 and 20 still need people. Please see Margie Hoffman KG6TBR about volunteer opportunities at; 818-429-1764 or admin2radiobaker2vegas.org and the website at; <https://www.radiobaker2vegas.org/>

The membership form on our website has an easier way to fill out the form on line and to also 'submit' the form to David. If for some reason the 'submit' button does not work for you just save the form as an attachment and email it to; treasurer@k6ox.club.

Paying membership dues also got a lot easier using Zelle. Just add; Antelope Valley Amateur Radio Club as a recipient and the recipient email is; treasurer@k6ox.club. You will need a mobile number for your bank to send you a code. My bank gave no other option, but both my bank and the club bank have Zelle. If your bank does not have Zelle you will need to pay dues the old fashioned way via check or money order to the P.O. Box. There is always in person at the Christmas party, still the best way.

Announcements:

Short Circuit articles are due by April 14. Next exam is on line via GLAARG <https://glaarg.org/>. Next AVARC board meeting is Monday April 4th via Zoom at 19:00 hrs. Same link as this one. Next AVARC club meeting is April 28 via Zoom.

Future Presentations:

See board meeting minutes below.

Other Items:

The 10GHz is functioning, now all we need is to see if we can make a contact with it. We hope to have this unit at our Field Day at Rawley Duntley if not for a demo at least

(Continued on page 3)

Secretary's Desk...

(Continued from page 2)

as a display to show we are moving along with our ham radio projects.

Motion to adjourn the meeting was made by Loretta AJ6HO and seconded by Margie KG6TBR. The motion was approved by all and motion carries. Meeting was adjourned at 21:38 hrs.

AVARC Board Meeting

April 4, 2022 19:00 hrs via Zoom

Those present were;

President George Becker KC6UVM
Vice President Andrew Gippetti W2AJG

Secretary Loretta A Smalls AJ6HO-
Board Member Dan Sherwood W6DAS

Board Member Larry Mock KI6BKP
Trustee Keith Hoyt K6GXO
Ex Officio Mike Beckers K6YQO-
Club Member Mark W6WML

Meeting was called to order by President George Becker KC6UVM at 19:00 hrs. Motion to approve the minutes from previous board meeting was made by Mike K6YQO and seconded by Andy W2AJG and approved by all. Motion carries.

Treasurer's Report:

David Haberman AK6DH

Treasurer's report will be deferred to next club meeting as David was not here this evening. We will continue with the report from last month's club meeting.

Old Business:

We will re-evaluate the Quartz Hill Library for use for our July and on meetings. We will keep you posted if we resume our in person at the library, or continue with Zoom.

Those who have not renewed will be

removed from the roster and will no longer receive emails or the newsletter.

Future Presentations:

April 28 Brian N6CVO will be sharing his successful PICO Balloon launch from this year's QuartzFest.

May 26 Ruth Willet KM4LAO with Youth On The Air and we hope to see a lot of young folks on this meeting to hear Ms. Willet.

June 23 we have Mr. Jeff White General Manager of WMRI in Radio Miami International to talk to us about shortwave radio and Shortwaves For Freeom which is about using shortwave radio to get news and information to the Russian and Ukrainian people. We will also be discussing our Field Day preparations which begin with set up the following Friday at Rawley Duntley Park.

July 28 Will be the AVARC Microwave project part one; reading schematics with Larry Johnson K6HLH and possibly other microwave enthusiasts.

August 25 Hopefully this will be The AVARC Microwave Project part two making contacts.

September 22 Our first round of elections and speaker TBD.

October 27 Second round of elections and speaker TBD.

November 17 We will be week early due to Thanksgiving holiday location and presenter TBD.

December 15 Once again a week early due to Christmas holiday location and presenter TBD.

We are open to suggestions for speakers and for presentations.

Announcements:

Short Circuit articles are due by April 14.

Next club meeting is April 28.

The next exam is on line via Hamstudy.org <https://hamstudy.org/> or <https://glaarg.org/>.

Our May 2022 board meeting will be May 2 1900 hrs via Zoom.

Other discussion:

We are getting ready for Baker 2 Vegas which is April 9 and 10. Many of us will be there mostly on stages 10 and 15. Good luck to all, take a lot of photos, and we can make this one of our presentations.

Motion was made to adjourn the meeting by George KC6UVM and seconded by Mike K6YQO and approved by all. Motion carries and the meeting was adjourned at 19:25 hrs.

President...

(Continued from page 1)

www.peepresearch.org/links.html

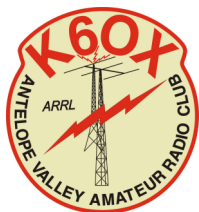
The topic of discussion for this April's AVARC meeting is no joke hi hi: Brian N6CVO will be discussing the latest of his Pico Balloon launches.

The April AVARC club meeting will be held via Zoom, on April 28, 2022. Virtual eyeball QSO starts at about 1900 hours with the meeting beginning at 1930 hours. I hope to see all of you at the meeting.

73,

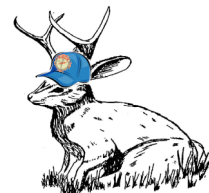
George KC6UVM





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
Board Member	Margie Hoffman	KG6TBR	297-6567
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
 Post Office Box 1011
 Lancaster, CA 93584-1011

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To ARS:



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