

The Short Circuit

<http://www.k6ox.club>



The official publication of the Antelope Valley Amateur Radio Club

August 2024

President's Corner

Andy Gippetti W2AJG



Hello everyone, at our last meeting, Brian Basura N6CVO, once again gave us a great presentation about all his Pico balloon launches, tracking them and the progression of new equipment he now uses for his radios & balloon launches. We all thank Brian for his time and the detailed information in his presentation. Hopefully he can give us another talk on Pico balloons next year ☺

Just a reminder, the K6OX patches came out very nice and we have only about 4 left now so if you're interested in one let me know. I will bring them to the next meeting and they cost only \$6.



Our next general club meeting will take place on Thursday, August 22th and be held again at the VFW Hall in Quartz Hill, 4342 W. Ave L Quartz Hill. Marcus Martinez KE6RHV, will be discussing Emergency Preparations & Artificial Intelligence (AI). See you all there.

73,

Andy W2AJG

Meeting Notice

Thursday August 22, is the next meeting of the AVARC at the VFW Hall in Quartz Hill, 4342 West Avenue L. 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 previous month's 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 **Marcus Martinez KE6RHV**, who will bring a presentation on emergency preparation, and on AI. These are both topics of great interest to our members, so it should be a very interesting and informative meeting. We hope to see you there!



Marcus Martinez KE6RHV

From the VEEP

Loretta Smalls AJ6HO

RTTY

I enjoy the digital modes, I like the sounds it makes and the challenge in learning these modes. Other than CW I like RTTY the best. RTTY (Radio TeleType) is a little more difficult than FT8, there is a bit more you have to do with it, but once you get if figured out it is a lot of fun.

RTTY (Radio TeleType) uses Baudot code and describes a communications system to two or more electromechanical printers connected by radio. When you listen to RTTY on the radio you can hear the musical dual tones going back and forth and it sounds pretty cool. I found more about RTTY on Wikipedia here; <https://en.wikipedia.org/wiki/Radioteletype>.

I use MMTTY software for my RTTY and it was easy to download but there are other RTTY software programs out there. Each radio is going to be different to set up depending on the radio, the soundcard you are using, and your connections.

(Continued on page 3)

From the Secretary's Desk



Antelope Valley Amateur Radio Club General Meetings Agenda for July 25th, 2024

Quartz Hill VFW Post - 4342 W Ave. L
Quartz Hill 93536

Meeting called to order at 7:31 PM
-Pledge to the Flag
-Everyone please remember to sign roll sheet
-Introduction of members present. 19 here, 4 on Zoom
-Introduction of everyone on Zoom

Club Presentations

-Brian Basura N6CVO- Pico Balloons

AVARC club business

In reference to the minutes printed in the July Short Circuit, are there any corrections or amendments that need to be included?

Is there a motion to approve the minutes as printed/or with amendments? No

Made by: Mike Beckers / Seconded by Larry Mock

The motion was approved by the members present.

Treasurer's Report - David Haberman
AK6DH

Checking account balance: <ON FILE>

Deposits: <ON FILE>

Expenditures: <ON FILE>

Cash on hand: <ON FILE>

Total: <ON FILE>

Life Members: 13

Total Paid Members: 34

Total Membership: 47

ARRL Membership 87%

Old Business

-Larry Mock - VFW Holiday Meeting - Do we have a confirmed date reserved for Friday, December 20th - confirmed. Food OK but clean up. Diane Feinberg not contacted yet.

-We still need volunteers to step up & do Net Control on Wednesday nights (I have scripts & cheat sheets printed up). Brian says don't complain - step up!

-K6OX Patches- Andy: Have been ordered. Cost \$6 each. Background white not yellow.

New Business:

Brian - reported on Hamcon Zion. Job well done. Nice venue.

Yuma Hamfest back on. Third week in February. Looking for volunteers contact Rob K6RJF. David - Big Bear hamfest scheduled for next year.

Future Presentations for General Meetings:

- Loretta Smalls AJ6HO (not present)

Thursday, August 22nd 2024: Marcus Martinez KEGRHV- Emergency Prep & AI

Thursday, September 26* 2024: -Monroe Quarles NS6W- FT-8 / Nominations

Thursday, October 24th 2024: - Loretta Smalls - Micro Wave / Elections

Thursday, November 21 (1 week early due to Thanksgiving): -RT Systems Presentation

Announcements:
Short Circuit Articles for August 2024 - Needed by: 8/12
Next Board Meeting: Monday, August 5** 2024 7pm via ZOOM
Next Club Meeting: Thursday, August 22nd 2024 - Quartz Hill VFW Post, 4342 W Ave. L, Quartz Hill
Any other discussion? No

Announcements:

Short Circuit Articles for August 2024 -

Needed by: 8/12

Next Board Meeting: Monday, August 5** 2024 7pm via ZOOM

Next Club Meeting: Thursday, August 22nd 2024 - Quartz Hill VFW Post, 4342 W Ave. L, Quartz Hill

Any other discussion? No

Motion to Adjourned by Mike / Seconded by Alan

Meeting adjourned time: 9:15

AVARC Board Meeting Monday, August 5th 2024 7pm on Zoom

Call to order by Andy Gippetti W2AJG at 7:00 PM.

Board Members present: Dan Sherwood, Andy Gippetti, Loretta Smalls, David Haberman, Mike Beckers
Visitors: Margie Hoffman, Brian Basura, Mark Johnson

Treasurer's Report - David Haberman
AK6DH

Checking account: <ON FILE>

Deposits: <ON FILE>

Expenditures: <ON FILE>

Cash on hand: <ON FILE>

Total: <ON FILE>

Life Members: 13

Total Paid Members: 34

Total Membership: 47

ARRL Membership 87%

Old Business:

-Reminder, our December Holiday Meeting is confirmed for Friday, December 20th at the VFW.

-The K6OX Patches came out great and we have only about 6 left. If anyone still wants one, they are only \$6.

New Business:

FD at Saddleback State Park

Brian: Riley Hollingsworth video.

Future Presentations: - Loretta Smalls AJ6HO

Thursday, August 22nd 2024: - Marcus Martinez KEGRHV- Emergency Prep & AI

Thursday, September 26th 2024: - Monroe Quarles NS6W- FT-8 /

Nominations

Thursday, October 24th 2024 - Loretta Smalls - Micro Wave / Elections, Solde-

ring skills, Junkathon? Elections.

Thursday, November 21st, (1 week early due to Thanksgiving): -RT Systems

Presentation Friday, December 20th, Holiday Party/Meeting. Member brag

night.

Announcements:

Next Club Meeting: Thursday, August 22nd 2024 - Quartz Hill VFW Post

4342 W Ave. L, Quartz Hill

Next Board Meeting: Monday, September 2nd (Labor Day) Foxy's ???

Newsletter articles due: 8/12/24

Announcements:

Next Club Meeting: Thursday, August 22nd 2024 - Quartz Hill VFW Post

4342 W Ave. L, Quartz Hill

Next Board Meeting: Monday, September 2nd (Labor Day) Foxy's ???

Newsletter articles due: 8/12/24

Any other discussion?

Meeting adjourned time: 7:35PM

Yuma Hamfest to Return in 2025

Yuma Hamfest will be returning in 2025.

The dates will be Friday February 21st and Saturday February 22nd.

Volunteers and speakers are needed. If you can help or are willing to be a speaker please contact:

Rob Freeburn K6RJF at k6rjf@gmail.com



Venue details and a new Yuma Hamfest website will be announced in the coming months.

Ridge Rally at Jawbone Canyon Seeks Ham Volunteers

This year's Ridge Rally at Jawbone Canyon is seeking hams to volunteer on Saturday, December 7. Sign up at www.rallydata2.com or contact Paula N6OQQ at mpgibeault@gmail.com



From the VEEP....

(Continued from page 1)

MMTTY download help here; <https://hamsoft.ca/pages/mmtty.php?dwn=f435381372f7d3b0>.

I use my Yaesu FTDX 1200 in my ham shack and also the Yaesu FT 891 for field activities and both have their own unique set ups for RTTY. For the FTDX 1200 I use the SCU 17 soundcard, a 6 pin mini din data cable from the back of the radio to the SCU 17 and a usb cable from the SCU 17 to a laptop. On the MMTTY software set up I was instructed to download EXTFSK which is also here; <https://hamsoft.ca/pages/mmtty/extfsk.php>

I use radio command on the MMTTY to use com 3 and on the EXTFSK I use com 4. These cannot be on the same com ports, something I learned along the way. On the EXTFSK the fsk is set for DTR and the PTT is set to RTS. Most of the other settings are on default there is actually very few items I had to change. Each radio will be different so just keep that in mind.

On the MMTTY software, for the soundcard settings they are basically the same for any other digital operation; speakers on audio codec and microphone also on codec. On the miscellaneous tab it is on COM TXD (FSK) and

the USB port tab is set to normal. On the radio command tab it is on Com 3 for port, 9600 Baud and Char 0. Flow control is checked for Xon/Xoff and CTS. Frequency offset is on LSB and my group is the Yaesu group that included the FT 891. The FTDX 1200 was not listed but it still works for it.

For the FT 891 it is a little different. Same soundcard, it has it's own SCU 17 but I have to use an additional usb cable for some reason. Other than that, everything else is the same.

Here is a great link to learn about setting up RTTY; <https://aa5au.com/GettingStartedOnRtty.pdf>.

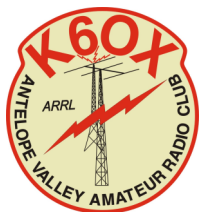
If you want to listen and maybe even participate in some RTTY Go here to find a RTTY contest. There is usually a weekly one and on July 20 there will be a North American QSO RTTY party.

<https://www.contestcalendar.com/>.

For our September club meeting we will be doing a demo for FT8 but if folks want to see how the 891 is set up for RTTY we can do that as well. We can see how some of the macros work to make contacts easier. See you then and happy radio to all.

Sincerely yours

Loretta A Smalls AJ6HO your V.P



Antelope Valley Amateur Radio Club 2024 Officers

President	Andy Gippetti	W2AJG	433-2106
Vice President	Loretta Smalls	AJ6HO	547-7571
Secretary	Dan Sherwood	W6DAS	480-5227
Treasurer	David Haberman	AK6DH	917-4594
Master-At-Arms	Larry Mock	KI6BKP	943-6736
Board Member	Brian Basura	N6CVO	268-6061
Board Member	Mike Beckers	K6YQO	805-906-9555
Trustee	Keith Hoyt	K6GXO	533-4025
Ex Officio	George Becker	KC6UVM	478-0818



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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