



Simi Settlers' Amateur Radio Club

Short Circuit

December 2020

Inside this Issue

- | | |
|----------|-------------------------------------|
| 1 | Pending Programs
Static & Sparks |
| 2 | Nets of Interest
ACS Corner |
| 3 | Events and Projects |
| 7 | November General
Meeting Minutes |
| 8 | Simi Settlers' Leadership |
| 9 | Membership Form |

General Meetings
Time: 7:00pm on the 2nd
Thursday of every month.
Held via Zoom.

December 4, 2020

Meeting Programs

There is no December social get together. **We will hold a regular Zoom meeting on December 10th.** Since there is no scheduled presentation, can you **share what your current project is?**

Thanks to past presenters:

October - Buzz Tarlow, AC6AC for CW operating and Morse Academy.

November - J. Scott Bovitz N6MI on his mobile ham shack, a converted TV news van.

Meetings

The December Board meeting will be held on the 19th to miss Christmas Eve.

Static & Sparks

Brian Hernandez - KM6MIN

"Happy December Everybody!

I hope everybody is happy and healthy as we come into December. What an interesting year we have all had, but I am glad I am able to spend part it amongst the genius minds that are in our club or those that come to visit.

I have learned quite a few things and even seen things that I did not even think of, like N6MI J. Scot Bovitz's extremely mobile station or our very own K6RIN Ron Nelson's adventures up in the mountains reaching out to people all over the world. So much more to do and a lot more to see are my goals for the upcoming year in my amateur operating!

I hope you're having as much fun as I am. And don't forget if you have something that you want to share with the club, talk to Eric and get yourself included in the newsletter.

Everybody had a happy New Year and hope to see you all soon!

Brian Hernandez KM6MIN

December 2020

Nets of Interest

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
LSB Net 8pm 3.908 MHz SSARC 2 Meter Net* 8:30 pm SMRA-ERN Repeater 146.805 -0.6MHz PL100.0 or 445.580 -5.0MHz PL100.0	Condor Connection 7pm (Plays Newslines) Frazier Mountain 224.720-1.6 MHz PL156.7	LSB Net 8pm 3.908 MHz ACS Area 1 Simi Valley SMRA-ERN 7:05pm Repeater 146.805 -0.6MHz PL100.0 or 445.580 -5.0MHz PL100.0 ATN-CA Net 7:30pm http://atn-tv.org/night.htm ACS Area 1 Simplex net, 6:45 PM on 145.510MHz	Channel Islands chapter 10-10 International 28.34 MHz at 10AM and 6PM Mesh IRC Net. 6-10 PM Mesh VOIP Net 8pm 2.4/5.8 GHz Mesh	LSB Net 8pm 3.908 MHz		SSARC SSB HF Net 8:30am 7.240 (+ or - QRM/N) 40 meter CW-QRP 9am 7.032 MHz Quad Squad net 1PM on 21.365 MHz's

Additional information on local nets can be found on the CVARC web site at: <http://www.cvarc.org>

Sunday Night Net Control Operators

Thanks to our fine Net Control Operators: Steve, KE6WEZ; Rick, W6DQE; Ray, KI6LKD; Jay, AG6JF, Brian KM6MIN and Dante, KK6JCQ.

ACS/ARES Corner

We are always looking for ACS members that would like to become Net Controllers. You will receive hands on training at the Simi Valley PD (where we normally conduct the Weekly Net). It is both fun and at times challenging. You will gain valuable experience in running a controlled Net as well as becoming more than just familiar with the equipment in the Radio Room at the PD. If you would like to volunteer for this, let me know - ke6wez@gmail.com

If anyone is interested in how to setup your own packet station, RMS Winlink station, or a Mesh Node, let me know and we can get you started in the proper direction.

NOTE: Please be advised that we hold the Tue. countywide net at 19:30 (7:30PM) on the Sulphur Mountain WD6EBY repeater 145.200, minus 600 KHz offset, CTCSS of 127.3. Until further notice, this will be our standard frequency for countywide communications.



- Steve King KE6WEZ (ke6wez@gmail.com)

Upcoming ACS/ARES Events:

1. High winds! Is your equipment ready? Got Winlink?
2. Baker to Vegas 2021 race canceled.
3. Tuesday December 8, NBEMS at 1800.
4. Check your potential for a power shutoff at <https://www.sce.com/wildfire/psps>

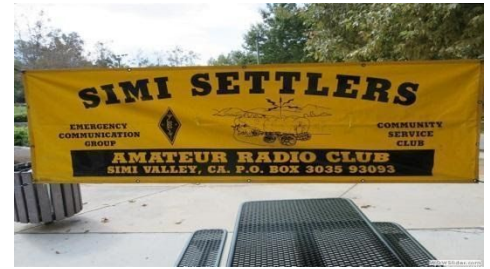
December 2020

Events

Thursday, December 3, 2019, 6:00pm SSARC Pizza Night
Toppers Pizza, 2408 Erringer Rd, Simi Valley (even months)
Mod Pizza, 2941 Cochran St, Unit 1A, Simi Valley (odd months)

Thursday, December 10, 2019, 7:00pm SSARC General Meeting
Via Zoom

Thursday, December 19, 2019, 7:00pm SSARC Board Meeting
Via Zoom.



Projects!

Projects listed here are intended to peak your interest. Ask questions, or submit your entry for the next newsletter.

Edison Primary Cell

From my collection of stuff: An unused Edison battery. It is probably more correctly an Edison-Lalande cell. Not rechargeable, but new plates were available (100 years ago?).

D and 9 volt battery for scale.

Picked this up at a railroad museum. They were probably used in a bank for railway signaling power.

This item is unused, and came with the acid in dry powder form, along with a small bottle of oil to float on top of the electrolyte and reduce evaporation.

Produced around 0.75 volts, with an unknown current capability. How many of these to power my shack, and how long would they last?

Ebay has jars, lids, and oil bottles, but never seems to have the plates.



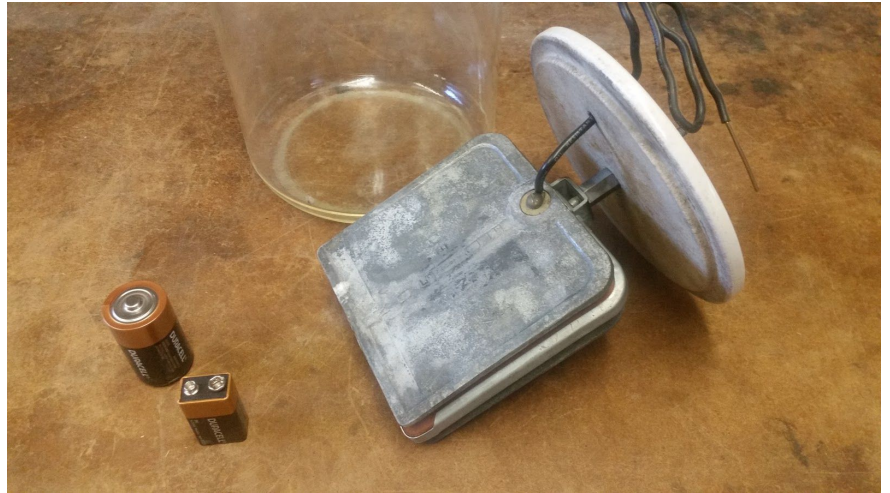
There are two outer plates of zinc, and an inner plate of copper oxide.

The ceramic lid has the Edison mark.

The wire is one terminal, the center screw is the other terminal.

Whatever am I doing to do with this?

Eric - ke6mlf



Transceiver Interconnect Box

So, when I got this transceiver, all it had was the hand microphone and the antenna connection.

Within weeks, I had an external speaker, second microphone (on a boom), headset (with microphone), and a push-to-talk button on a foot switch. A month later I built a sound card interface for connection to a computer (slow scan TV, PSK31...), and a data connection cable for serial control.

Got tired of plugging things in and out, dragging the radio forward to reach the back connectors, and squinting at tiny labels on the back panel.

Made this box from sheet metal and put lots of connectors and switches in. Now all the bits and connections are protected, labeled, and always plugged in.

Eric - ke6mlf



Prototype Breadboard

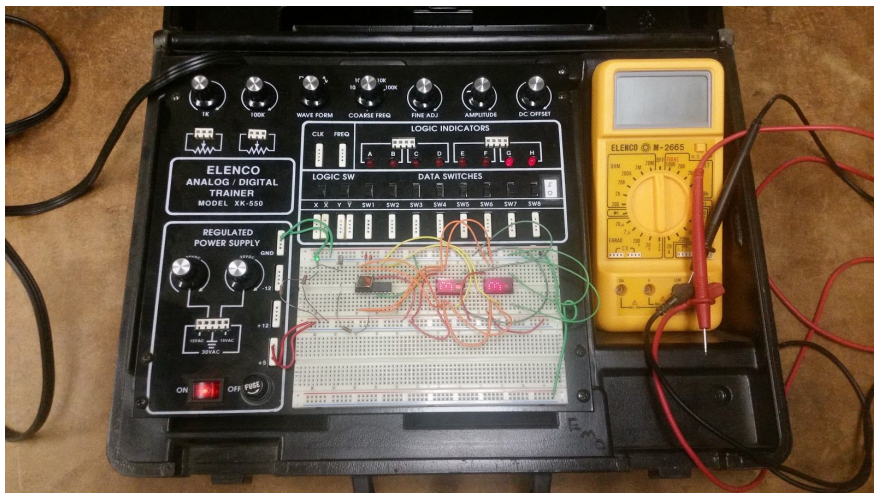
Got this handy case for about \$50 off of Ebay. Any time I want to test a small electronic component, this is the go-to test environment. It is the usual 0.1 inch spacing breadboard, but has lots of extras.

It has +5 and +/- 12 volt fixed, and +/- 20 volt DC adjustable DC power. 15 and 30 volts AC is also available.

It has a signal generator for square, triangle, and sine waves. Lots of switches, leds, and two potentiometers are built in. Nice to be able to test something, then close the lid to protect that circuit for later. I have lots of pre-cut bits of wire in various lengths for connections.

This is not the thing for RF, or really anything above a few MHz, but just the thing for developing and testing digital circuits, or low frequency analog. After it works, then you can go to a circuit board.

Eric - ke6mlf



Letter From The Editor

Please submit articles, pictures, etc. on things of interest to our SSARC community for publication to me at ericobergl@gmail.com. Such items may discuss your recent antenna project, shack modifications, new operating modes, anecdotes from portable field operations, and so forth. A picture with a caption works. A few sentences strung together works. A few paragraphs, a few pages with detailed illustrations.... It's all good.

73, Eric KE6MLF

**Simi Settlers Amateur Radio Club
General Membership Meeting, November 12, 2020**

- Call to Order: The meeting was called to order at 7:07pm by President, Brian Hernandez, KM6MIN. Brian welcomed everyone to the meeting, held over the internet using Zoom. 7 Officers and Board Members/Advisors were present. The total attendance was approx. 17.
- Treasurer: Treasurer Glenn Daly, WA6GNB, reported that the new bank account has been opened, but he has not yet received a new supply of checks. Glenn reported the account balance now stands at \$2050.22. It was MSP to approve the Treasurer's Report.
- Program: President Brian introduced our speaker J. Scott Bovitz, N6MI. Scott gave a presentation with pictures of his mobile "shack on wheels" operating over the years of Ham operating in Contests and T-Hunts. He was first licensed in 1969. His pictures told the story of how he evolved the mobile radio installations in vehicles over the years. His latest installation is in a converted News Van that has a telescoping pneumatically operated antenna mast that can extend up to 56 feet. Scott described and showed pictures of the radio equipment in the van. His mobile station has served him well operating many Field Days and other contests in remote locations. Scott has a website, N6MI.com, with many pictures of his setups for Field Day and contesting activities over the last ten years.
- Member Drawing: Brian made the drawing for the progressive Membership drawing and reported the winning name was Kevin Deadwylier, KD6UTC. Kevin was logged into this Zoom meeting, so he won the \$50 prize. The prize amount will now start over at \$10.00 for our December meeting. While the Club continues to hold meetings on Zoom, members must be logged into the meeting to win. The prize amount grows by \$10 each month it is unclaimed.
- Adjournment: The Zoom meeting was adjourned at 8:18pm.

Submitted by: Secretary, John Percival, WI6O

 December 2020

Simi Settlers' Amateur Radio Club Web Page: <http://www.simisetters.org/index.htm>

Simi Settlers' ARC Yahoo Group: <http://groups.yahoo.com/group/SimiSettlersARC>

Mail: P.O. Box 2125 Simi Valley, CA 93062-2125

Simi Settlers' Leadership				
President	Brian Hernandez	KM6MIN	(805) 813-7595	km6min_bh@yahoo.com
Vice President	VACANT			
Secretary	John Percival	WI6O		johnspercival1@gmail.com
Treasurer	Glenn Daly	WA6GNB		gnb.2112@yahoo.com
Committee Chairpersons				
Webmaster	Jim Parker	KJ6LXJ	(805) 368-6745 cell	kj6lxj@gmail.com
Newsletter	Eric Oberg	KE6MLF	(805) 791-0745 cell	ericoberg1@gmail.com
Membership	Jim Parker	KJ6LXJ	(805) 368-6745 cell	kj6lxj@gmail.com
PIO	Linda Parker		(805) 558-1731 cell	kj6lxj@gmail.com
Raffle Prizes	Rick Galbraith	W6DQE	(805) 433-4513 cell	rick@keymaterial.com
Youth Coordinator	VACANT			
Historian	Mike Tweedy	KV6I		mtweedy@roadrunner.com
Net Coordinator	Brian Hernandez	KM6MIN	(805) 813-7595	
Net Coordinator	Steve King	KE6WEZ		ke6wez@gmail.com
Food Services	Bill Everett	KI6KSV		ki6ksv@gmail.com
Room Coordinator	Linda Parker		(805) 558-1731 cell	kj6lxj@gmail.com
Elmers and Members at Large				
Past-President	Bill Woods	AB6BW	(818) 694-9019cell	AB6BW1@gmail.com
Elmer	VACANT			
Advisor	Bill Everett	KI6KSV		wildpoky45@earthlink.net
Advisor	Jim Hutchinson	KI6MZ		jhutch17@adelphia.net
Advisor	Brad Rife	KI6KSY		speedy@earthlink.net

December 2020

Simi Settlers Amateur Radio Club

P.O. Box 2125 Simi Valley, Ca 93062-2125 --- (www.simisetters.org)

Membership Application



Type of Application:

New Member ☐
Renewal ☐

Type of Membership:

Individual (\$18/yr) ☐
Family (\$20/yr) ☐

Name: _____ Day & Month of Birth: _____
(Omit year)

Call: _____ Class: _____ ARRL: Yes ☐ No ☐

Address: _____ City: _____ State: _____ Zip: _____

Phone: (____) _____ Alt. Phone: (____) _____

E-Mail Address: _____

Additional Family Members:

Name: _____ Day & Month of Birth: _____
(Omit year)

Call: _____ Class: _____ ARRL: Yes ☐ No ☐

Name: _____ Day & Month of Birth: _____
(Omit year)

Call: _____ Class: _____ ARRL: Yes ☐ No ☐

Name: _____ Day & Month of Birth: _____
(Omit year)

Call: _____ Class: _____ ARRL: Yes ☐ No ☐

Badges requested: Yes ☐ No ☐ How many? _____ X \$18.00 = \$ _____

Name (s) Call(s): _____

Shirts requested: Yes ☐ No ☐ How many? _____ X \$35.00 = \$ _____

Name (s) Call(s) Size(s) (Sm, Med, L, XL, etc): _____

Jackets Requested: Yes ☐ No ☐ How many? _____ X \$88.00 = \$ _____

Name (s) Call(s) Size(s) (Sm, Med, L, XL, etc): _____

OFFICE USE ONLY

Application type: New ☐ Renewal ☐ Membership type: Individual ☐ Family ☐

Date Received: _____ Amount Received: _____ Database completed: _____

Badges and Shirts ordered: _____

December 2020