



# Simi Settlers' Amateur Radio Club

# Short Circuit

**August 2020**

**August 6, 2020**

**Static & Sparks**

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**Brian Hernandez - KM6MIN**

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While we wait for the time when we can all be in the same room, here are a few things waiting in the wings:

Eric KE6MLF has a brief presentation on APRS - Automatic Packet Reporting System.

Eric KE6MLF has a two part presentation on how to enter a schematic and create a printed circuit board layout.

Buzz Tarlow is going to talk on Morse Academy.

We have some smart guys, what do you want to hear about?

What do you want to talk about?

Hello All!

My name is Brian Hernandez, call KM6MIN, I have had my license since late 2017. Thank you for voting me as this year's president!

**Meetings**

For the foreseeable future, all board and general meetings are going to be held via Zoom. We now have access to the full features of Zoom, and can hold meetings longer than 1 hour. An email invite with the login details will be sent out before each session.

**Membership Renewal**

If you have not already done so, do it now. You can fill out the form at the end of the newsletter and send a check to:

Simi Settlers ARC  
P.O. Box 2125  
Simi Valley, CA 93062-2125

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

## Nets of Interest

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>LSB Net</b> 8pm 3.908 MHz  <b>SSARC 2 Meter Net*</b> 8:30 pm SMRA-ERN Repeater 146.805 -0.6MHz PL100.0 or 445.580 -5.0MHz PL100.0	<b>Condor Connection</b> 7pm (Plays Newline) Frazier Mountain 224.720-1.6 MHz PL156.7	<b>LSB Net</b> 8pm 3.908 MHz  <b>ACS Area 1</b> Simi Valley SMRA-ERN 7:05pm Repeater 146.805 -0.6MHz PL100.0 or 445.580 -5.0MHz PL100.0  <b>ATN-CA Net</b> 7:30pm <a href="http://atn-tv.org/night.htm">http://atn-tv.org/night.htm</a>  <b>ACS Area 1</b> Simplex net, 6:45 PM on 145.510MHz	<b>Channel Islands chapter 10-10 International</b> 28.34 MHz at 10AM and 6PM  <b>Mesh IRC Net.</b> 6-10 PM  <b>Mesh VOIP Net</b> 8pm 2.4/5.8 GHz Mesh	<b>LSB Net</b> 8pm 3.908 MHz		<b>SSARC SSB HF Net</b> 8:30am 7.240 (+ or - QRM/N) 40 meter  <b>CW-QRP</b> 9am 7.032 MHz  <b>Quad Squad net</b> 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](mailto: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](mailto:ke6wez@gmail.com))

### Upcoming ACS/ARES Events:

1. TUESDAY- 4 August - OPERATIONAL READINESS TESTING (ORT) NIGHT
2. Area 1 has started running a weekly Tuesday simplex net on 145510 at 1845.

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## Events

**Thursday, August 6, 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, August 13, 2019, 7:00pm SSARC General Meeting**  
Via Zoom

**Thursday, August 23, 2019, 7:00pm SSARC Board Meeting**  
Via Zoom.



## Ham Network News!

Version 3.20.3.1 of the AREDN software was released on July 3<sup>rd</sup>. It's an incremental update, based on the newly released OpenWrt 19.07.03, plus all the updates AREDN has made since the previous release (30.20.3.0) last March. Most of the nodes in Simi Valley and surroundings have had the update applied.

During a recent maintenance trip to Mellow Lane, the failed VOIP phone (ext. 4019) was replaced, as was the failed monitor on the Raspberry Pi used for telemetry. The sensors for battery voltages were adjusted to properly reflect the batteries' state.

That telemetry is available on the site's web page, like this:

### Site Temperatures and Voltages

Updated every 5 minutes.

Building temperature: 65.47  
last update: July 22, 2020 20:05:02.

Outside temperature: 58.25  
last update: July 22, 2020 20:05:03.

AC Power Status: OK - AC Power Present  
last update: July 22, 2020 20:05:03.

SMRA Repeater Backup Battery Voltage: 13.376  
last update: July 22, 2020 20:05:03.

DSW Repeater Backup Battery Voltage: 13.616  
last update: July 22, 2020 20:05:03.

A similar VOIP phone (ext 4089) will be installed at the Chatsworth Peak site before the end of the month.

Bob, Kj6GEU recently got his mesh VOIP phone (ext 4130) set up.

A second VOIP phone extension (ext 4122) was configured for Glenn WA6GNB for emergency use.

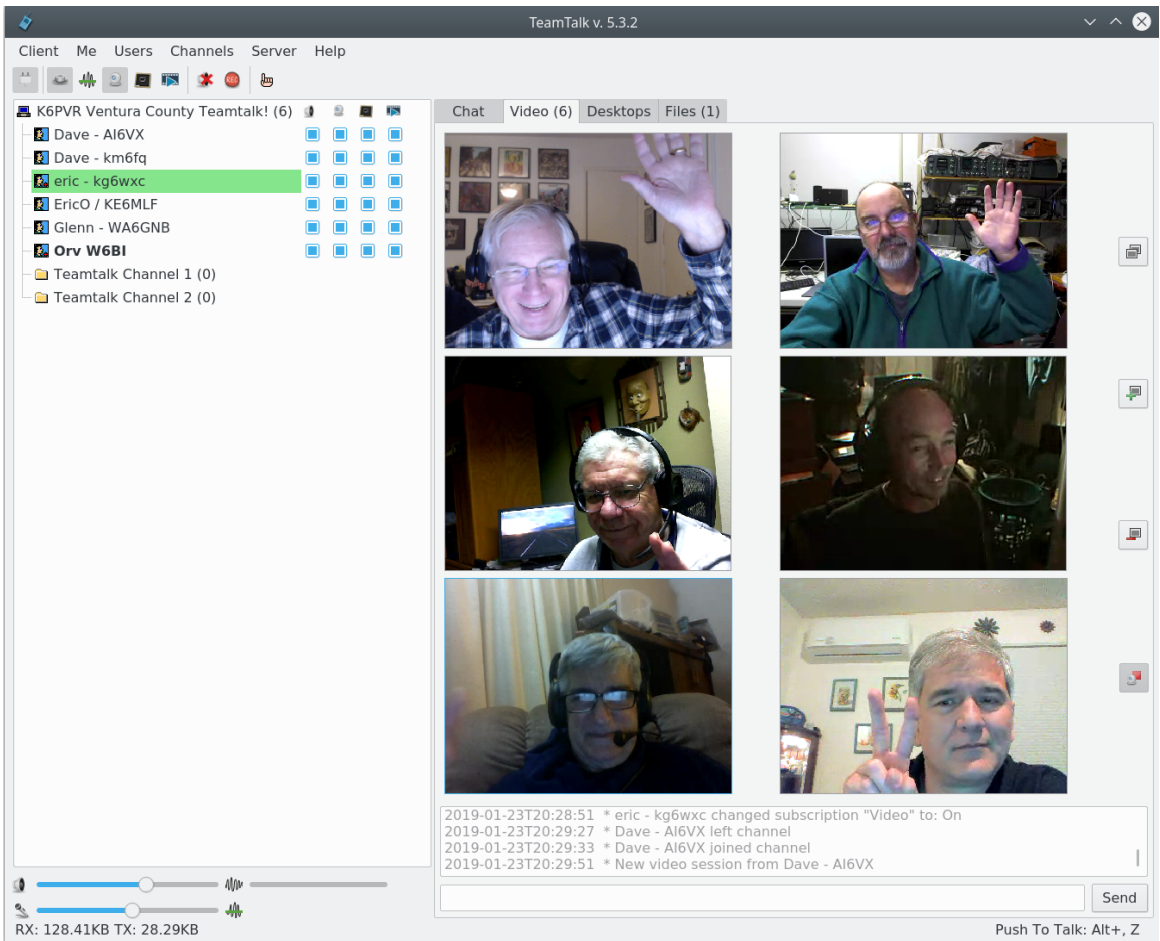
(Simi Valley Hospital and the Simi Valley EOC at the PD have had VOIP phones in place for a long time).

When the failed network switch at Verdugo Peak is replaced (hopefully on July 31), the PBX there will be trunked to the Ventura County PBX, and calls will be able to be placed between user on the two PBXes.

Work continues at expanding the network coverage into Santa Paula. No deployment date is available yet, but with luck it should be before Labor Day. We've been promised (but no date) access to the tower on Rasnow Peak. By moving the node up there from the top of the building, the south end of the Conejo Valley will no longer be shadowed and will have direct access to the network via Rasnow Peak.

We continue to negotiate with the city of Simi Valley for access to their site at the water tower above the north end of Madera. Placing network equipment there will allow us to cut the LONG network link between Chatsworth Peak and South Mountain in half. It's the weakest, most problematic link in the mesh network in Ventura County, and as a result has less available bandwidth than other links. A 5 GHz user access point will be placed there for improved coverage in the northwest quadrant of Simi Valley. Ideally a PTZ camera will be placed there for viewing the inevitable brush fires. Funding is only partly in place for this project.

The Wednesday night Teamtalk night continues to be active. Between a dozen and two dozen hams check for an extended chat session, sometimes continuing for two hours. Hams check in from Ventura County east to Palm Springs and occasionally as far north as Wyoming (via an Internet tunnel).



The software we use on the network nodes is created and supported by AREDN, the Amateur Radio Emergency Data network (<http://arednmesh.org>). AREDN will be holding their first annual conference online via Zoom on October 24<sup>th</sup>.



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There will be a half dozen sessions dedicated to various aspects of deploying and running a ham radio network using the AREDN software. More details to follow!

If you're interested, a couple of my ham networking presentations were recorded and are available on YouTube:

An overview of ham network with AREDN software: <https://youtu.be/1vC7RP8nN1s>

A walkthrough of the AREDN software interface: <https://youtu.be/m2khuccZGek>

73

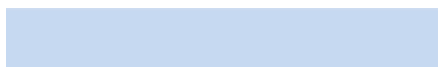
Orv W6BI

### **Zoom Membership Meeting, July 9, 2019**

- Meeting called to order at 1915 hours by President Brian Hernandez, KM6MIN.
- Members present included:
  - Brian Hernandez, Ron Nelson, Jim Parker, Linda Parker, Joe Partlow, Glenn Daly, Jim Hutchinson, Orv Beach, Joe Partlow, Frank Valdez, Eric Oberg, Richard, Alysia, Bill N., Mike (looking for last names and/or call signs).
- Treasurer's Report: Glenn reported the following:
  - \$1,820.72 in the Checking Account
  - \$32.00 in Petty Cash
  - All bills are paid.
  - 13 members have paid their renewal dues
  - Richard Johnson N6HJD donated \$50 to the club when he paid his dues.
- Secretary's Report:
  - None available.
- Alysia asked about the process to receive her new badge she had ordered. Information to follow.
- Brian Reported that Pizza night at Rick's QTH (W6DQE) was a success with about 20 in attendance.
- New Business:
  - Eric Oberg KE6MLF, volunteered to do the monthly newsletter.
  - Upcoming Board Meeting Via Zoom in 2 weeks, on 7/23/20.
- Presentation:
  - Frank Valdez KI6OQ, assisted by Orv Beach W6BI, provided an in-depth presentation on the local ham radio response during the 1994 Northridge Earthquake. It was a very informative look at personnel, equipment, and other resources and considerations.

Meeting adjourned at 2017 hours

Meeting Minutes respectfully submitted by:



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Ron Nelson, K6RIN

## Letter From The Editor

Please submit articles, pictures, etc. on things of interest to our SSARC community for publication to me at [ericoberg1@gmail.com](mailto:ericoberg1@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 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				
<b>President</b>	Brian Hernandez	KM6MIN	(805) 813-7595	<a href="mailto:mikeh@tothe.net">mikeh@tothe.net</a>
<b>Vice President</b>				<a href="mailto:behxxvii@yahoo.com">behxxvii@yahoo.com</a>
<b>Secretary</b>	John Percival	WI6O		<a href="mailto:percivaljohns@cs.com">percivaljohns@cs.com</a>
<b>Treasurer</b>	Glenn Daly	WA6GNB		<a href="mailto:gnb.2112@yahoo.com">gnb.2112@yahoo.com</a>
Committee Chairpersons				
<b>Webmaster</b>	Jim Parker	KJ6LXJ	(805) 368-6745 cell	<a href="mailto:kj6lxj@gmail.com">kj6lxj@gmail.com</a>
<b>Newsletter</b>	Eric Oberg	KE6MLF	(805) 791-0745 cell	<a href="mailto:ericoberg1@gmail.com">ericoberg1@gmail.com</a>
<b>Membership</b>	Jim Parker	KJ6LXJ	(805) 368-6745 cell	<a href="mailto:kj6lxj@gmail.com">kj6lxj@gmail.com</a>
<b>PIO</b>	Linda Parker		(805) 558-1731 cell	<a href="mailto:kj6lxj@gmail.com">kj6lxj@gmail.com</a>
<b>Raffle Prizes</b>	Rick Galbraith	W6DQE	(805) 433-4513 cell	<a href="mailto:rick@keymaterial.com">rick@keymaterial.com</a>
<b>Youth Coordinator</b>	Dante Smith	W6JCQ		<a href="mailto:danterusso1999@gmail.com">danterusso1999@gmail.com</a>
<b>Historian</b>	Mike Tweedy	KV6I		<a href="mailto:mtweedy@roadrunner.com">mtweedy@roadrunner.com</a>
<b>Net Coordinator</b>	Brian Hernandez	KM6MIN	(805) 813-7595	
<b>Net Coordinator</b>	Steve King	KE6WEZ		<a href="mailto:ke6wez@gmail.com">ke6wez@gmail.com</a>
<b>Food Services</b>	Bill Everett	KI6KSV		<a href="mailto:ki6ksv@gmail.com">ki6ksv@gmail.com</a>
<b>Room Coordinator</b>	Linda Parker		(805) 558-1731 cell	<a href="mailto:kj6lxj@gmail.com">kj6lxj@gmail.com</a>
Elmers and Members at Large				
<b>Past-President</b>	Frank Valdez	KI6OQ	(805) 404-0394	<a href="mailto:frankki6oq@gmail.com">frankki6oq@gmail.com</a>
<b>Elmer</b>	VACANT			
<b>Advisor</b>	Bill Everett	KI6KSV		<a href="mailto:wildpoky45@earthlink.net">wildpoky45@earthlink.net</a>
<b>Advisor</b>	Jim Hutchinson	KI6MZ		<a href="mailto:jhutch17@adelphia.net">jhutch17@adelphia.net</a>
<b>Advisor</b>	Brad Rife	KI6KSY		<a href="mailto:speedy@earthlink.net">speedy@earthlink.net</a>

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**Simi Settlers Amateur Radio Club**

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

**Membership Application**



**Type of Application:**                      **Type of Membership:**

New Member                          Individual (\$18/yr)      
Renewal                                  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: \_\_\_\_\_



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