



Simi Settlers' Amateur Radio Club

Short Circuit

1	Timely Information
	Nets of Interest ACS/ARES Corner
3	Member Updates
4	The Market Place
5	Simi Settlers' Leadership
6	Membership Form

The next **meeting** is at the
Simi Senior Center,
3900 Avenida Simi, Simi Valley.
Thursday August 10 at 7:00 PM.

The next Simi Settlers Pizza Night is at
Toppers, 2408 Erringer Road, Simi Valley.
Thursday August 3 at 6:00 PM.

From Dan KE7NYT: (Friday July 28)

It is with great sorrow and joy that I inform the ham community that **Master Gunner Sergeant Stephen A. King, KE6WEZ** is now a silent key as of early this morning.

From his wife Stephanie:

Stephen passed away early this morning at UCLA Medical Center ICU. I didn't get home from the hospital until after 4 am. Thank you all for your prayers. The past 10 months have taken a toll, especially this last month, so I don't have a date yet for the Celebration of Life.

Thanks, Stephanie

August 2023

- The August presentation subject is an update from Steve WA6EJO on his shack restoration after the Thomas fire. Steve will also go over making his new home a bit more fireproof “for the next time”.
- The Simi Settlers **club banner** has been found.
- Due to a date conflict, we are moving the **picnic** at Rancho Madera Community Park to **September 17**.

Save the date, we hope to see everybody!

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 The Newbie net 7 pm, Bozo Repeater 147.885 (– 127.3)	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/netnights.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 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

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

* For more information, see <http://www.pvarc.club/mesh/mesh-applications/>

Here are our 8:30 PM Sunday night net controllers for the next month:

Jul	30	Ron K6RIN
Aug	6	Matt KN6SEC
	13	Brian KM6MIN
	20	Kevin KD6UTC
	27	Ron K6RIN

August 2023

ACS/ARES Corner

Frank Valdez KI6OQ is the Area 1 Emergency Coordinator

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, just message Frank Valdez at frankki6oq@gmail.com.



If anyone is interested in how to set up your own packet station, RMS Winlink station, or a Mesh Node, contact Frank, he will point you in the right direction.

Barry K6ZA wants to remind everybody that they have options to check in with something other than a 2 meter handheld. The **80 meter net is Tuesday nights at 18:30 (6:30 PM) on 3.987 MHz.**

The **Area 1** (Simi Valley) net occurs Tuesdays. Generally it is just a brief check in, but usually some news about upcoming events is passed on.

The simplex net is on 145.510 at **6:45 PM**. The regular net is on the 146.805 (-, PL100) repeater at **7:00 PM. Stop by and say Hi.** You do not have to do anything other than check in to test out your simplex or repeater connection.

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.

Visit vccomm.org for more updates.

ORT on August 1st.

Wings over Camarillo August 19 and 20.

Did you all get your new ACS cards?

August 2023

Member Updates

Brian KM6MIN is asking for volunteers for the **13soulsrun** event to be held **August 26**, 2023. This event is to honor and remember the 13 fallen U.S. service members, killed when a suicide bomber detonated an explosion at the Karzai International Airport on Aug. 26, 2021 in Kabul, Afghanistan.

This is the second time for this fund raiser event. Last year had some 400 participants who ran and walked along the Arroyo Bike Path.

This event will take place Saturday morning, **August 26th**, 2023 with registration opening at 5:30am, ceremonies starting at 6:15am, and participants to be released on course at roughly 7:00am, and will start at the Simi Valley Metrolink Station parking lot, located at 5050 E. Los Angeles Ave., in Simi Valley, and will span along the Arroyo west to Madera Rd. and back again, covering 13.1 miles.

Each mile will be dedicated to one of each of those service members lost until all of our 13 are remembered.

This is also a 1k, 5k, 10k & 1/2 marathon event with ceremonies, music, booths and family fun and festivities to remember and honor our 13 service members lost. NOT a timed race.

For more information, go to 13soulsrun.org

We need people with HT radios to patrol the course and provide any communication required.

Please contact Brian KM6MIN at 805 813-7595 or km6min_bh@yahoo.com

From Orv W6BI

If you've ever browsed Bulldog Liquidators for electronics bargains, that opportunity is ending. From the Simi Valley Acorn:

Bulldog Liquidators, a retail liquidator founded in 2007, is closing its Simi Valley store Aug. 24. The company said it intends to keep its other locations open, including one in Camarillo.

Also:

All Electronics in Van Nuys is closing after 56 years. A great place to get electronic components. Still open to the end of August. Check the website for mail order!

www.allelectronics.com

August 2023

South Mountain Work Party & Follow-up by Orv W6BI

On July 8th, a work party went to PVARC's East South Mountain radio site. They had three objectives: relocate the 10 GHz radio and dish; remove an unused OCF dipole, and replace two blown Ubiquiti Rocket 5.8 GHz radios.

The work party consisted of Paul WD6EBY; Orv W6BI; and the **four** Erics: Erick KG6WXC, Eric N6RFI, Eric KB6DYJ, and Eric KE6MLF.





Above is the dish coming down from its original location. Just a few of the other antennas at the site are visible in the background.

August 2023



Above, the dish is down safe and sound, below is taking the dish for a walk.



August 2023



The OCF Dipole was removed by Eric KE6MLF, assisted by Eric KG6WXC. (I am wearing the harness because about 3 feet behind us is the edge of the ridge. I would probably fall halfway down to Santa Paula - eo.)

August 2023



The two blown 5.8 GHz radios were replaced by Eric KB6DYJ, but failed to appear on the network. Troubleshooting was left for another day.

However, that evening the entire network at East South Mountain went off the air. A return trip by Paul the following day found that the network switch had died. Emergency replacement equipment was ordered and installed about a week later.

When that was done not only did the network begin working again, the two newly-replaced 5.8 GHz radios appeared on the network. One points north illuminating the eastern half of Santa Paula, and the other points southeast, providing coverage out to and beyond the 118.

August 2023



Done! The 10 GHz dish was relocated and re-aligned with the far end (at Verdugo Peak) without incident. After realignment throughput was about as expected (1.5 Gbit/second full duplex).

August 2023

Field Day!

Here are pictures from the Ronald Reagan Presidential Library taken by **Mike KV6I**.



August 2023



August 2023



August 2023



August 2023



August 2023



Who wants to be famous? A Guru, Expert, Mentor, Guide, or Coach? We are going to expand the Elmers section on the next to last page.

Mesh? Orv W6BI

Morse Code? John WI6O

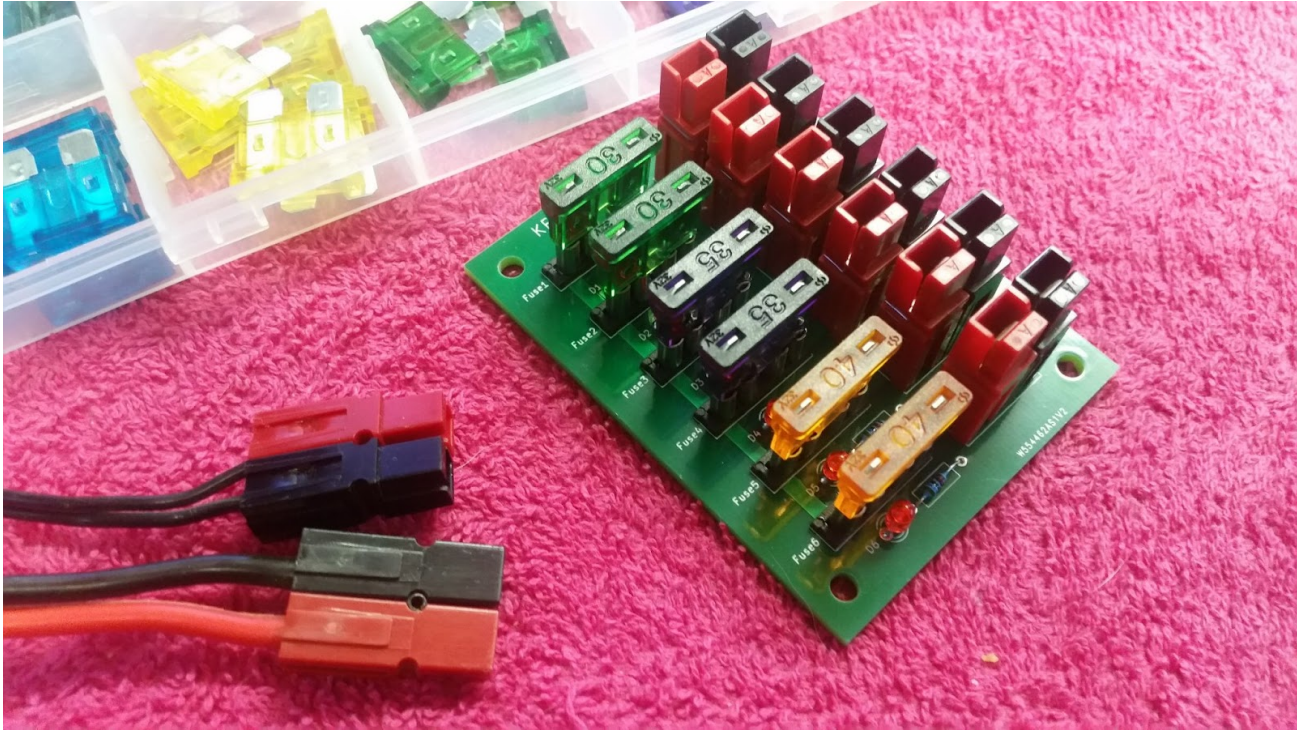
Sectioning printed circuit boards? Brian KM6MIN

What other skills are just sitting around?

August 2023

6 position Power Pole distribution block by Eric KE6MLF and Joe W6JWP

Is anybody working on one or more? Questions? Assistance?



Joe has one, I have mine. You want one, or two, or three?

Buy the circuit boards.

Buy the parts.

Have a soldering party.

Put in the fuses.

Connect a power source, lots of outputs, and bask in the glow of power safely flowing.

Get the "Gerber files" and send them to a PCB manufacturer, like www.seeedstudio.com, JLPCB.com, or www.pcbway.com. There is a file for each layer, but we usually pack them all into a "zip" archive file. Separate from the artwork, you have to give a few more details about the size, desired thickness, and copper weight (thickness).

Aside from the zip file (containing all the layers) (to be sent to the PCB manufacturer), here are those details to enter in to the ordering page:

- Size - 3 x 2.25 inches (76.2 x 57.15 mm).
- Thickness - .093 inch (most PCBs are .062 inch, but this one needs to be stiffer).
- Copper - 2 oz copper (more metal to carry more current).

It cost about \$80 for 10 boards. Perhaps you should gang together for a group buy?

August 2023

Here is the **parts list**. www.digikey.com, or www.mouser.com are both good.

Fuse holder - 6 each Keystone P/N 3522-2

LED - 6 each anything with .1 inch lead spacing

Resistor - 6 each (~10 K for 12 volt use)

Anderson connectors "Powerpole 45 contacts" - 12 each P/N 261G2-LPBK

Anderson connectors "Powerpole 15-45" Black - 6 each P/N 1327G6

Anderson connectors "Powerpole 15-45" Red - 6 each P/N 1327

About 6-8 inches of 14 AWG solid copper wire.

I bought an ATO type fuse assortment off of Amazon. It looks legit (as in not fake fuse values).

Do not have a soldering iron? Ask our fellow club members, perhaps you can do a get-together. Joe and I will give all the guidance required for you to acquire the parts and assemble this project.

Here are pictures from Joe, W6JWP. He has designed a 3D printed case. You can send the file away and get one or more prints made in the color of your choice.



I got at least one mention of a desire for a slightly different design, with several isolated sections for different voltages. Power pole connectors come in lots of colors to help identify the separate sections. Any requests?

August 2023

RF Detector by Eric KE6MLF

Is anybody working on this? Questions? Assistance?

How is everybody doing with their **Arduino RF Detector**? Need help? Programming? Talk to me at the next few meetings.



August 2023

SSARC Marketplace

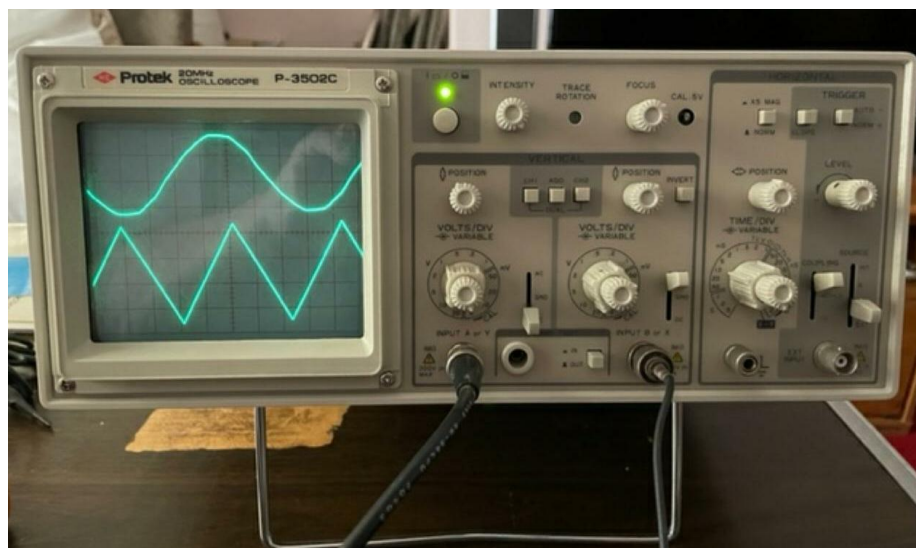
This section of the newsletter is for Simi Settler club members to post various used or previously owned items for sale that they may no longer have a need or use of. Please submit a brief description of the sale items (along with a photo if possible) and suggested price to Eric Oberg KE6MLF, the newsletter editor, at least two days before newsletter publication. It is suggested that a portion of each sale be donated to the SSARC treasury to help support the club's several activities. The term "OBO" means "Or Best Offer" and serves only as a starting point in negotiating a fair price.

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From Glenn WA6GNB

GrandStream # 1620/1625 telephone for sale. New – still in the original box. Compatible with our MESH system. \$30.00 Contact Glen at gnb.2112@yahoo.com

PROTEK 3502C OSCILLOSCOPE



This dual channel oscilloscope ranges from DC to 20 MHz. Input impedance is 1 M Ω shunted with 20 pF. Vertical deflection ranges from 5 mV to 20 V/Div over 12 ranges. Time base ranges from 0.2 μ sec to 0.5 sec/DIV on 20 ranges. Channel inputs can be selected for either Channel A or Channel B separately, Channel A and B displayed together, or a display of Channel A signal summed with Channel B. X-Y operation can be selected as well to display various lissajous patterns as desired. Two scope probes are provided with the unit. Perfect for testing applications and/or general experimental use.

Condition: Excellent Price: \$25 or OBO. Contact Mike Tweedy KV6I (805-231-9683)

August 2023

EICO 390 FUNCTION GENERATOR

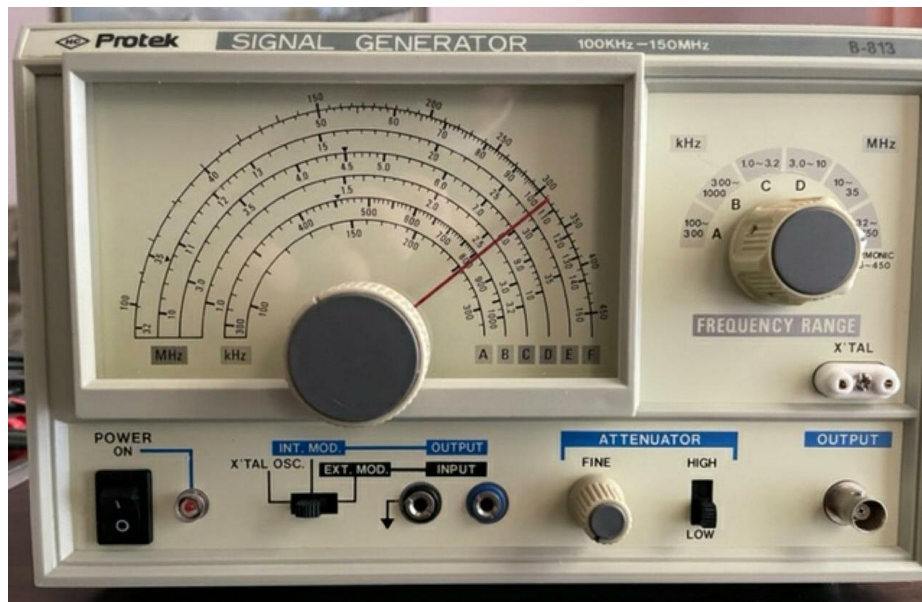


This function generator can provide sine wave, triangular wave or square wave outputs with a frequency range of 0.2 Hz to 200 KHz selectable over 4 ranges. Output waveforms can be selected to perform a wide variety for testing of electronic equipment. Output up to 10 v p-p is provided which may be attenuated from 0 to -50 dB. This unit also provides a sweep generator which can provide linear or logarithmic sweep modes of up to 1000:1 sweep range with a choice of three different sweep speeds.

Condition: Excellent Price: \$15 or OBO. Contact Mike Tweedy KV6I (805-231-9683)

August 2023

PROTEK B-813 SIGNAL GENERATOR



This signal generator provides an RF sine wave signal from 100 kHz to 150 MHz over 6 different frequency ranges. The output level can be adjusted from 30 mV to 250 mV RMS Max via the attenuator control. The unit also allows a 1 MHz to 15 MHz external crystal to be used for operation on a fixed frequency in lieu of VFO operation. Output is modulated at a 1 kHz signal at a 1V RMS level.

Condition: Excellent Price: \$15 or OBO. Contact Mike Tweedy KV6I (805-231-9683)

August 2023

RADIO SHACK 3-1/2 DIGIT DMM w/ PC INTERFACE



Radio Shack's Model 22-168A DMM is a top-of-the line portable test instrument ideally suited for use in the field, lab, shop and home. It is a multi-function instrument that covers 38 total ranges covering full scale measurements of voltage (200mV-1000 V), current (200 μ A - 20 A), resistance (200 ohms – 2000 M Ω), capacitance (200 pF – 200 μ F), frequency (2 kHz – 20 MHz), transistor gain (hFE) and diode polarity check. It also features a dual measurement mode where, for example, both the AC RMS voltage and frequency can be shown simultaneously on the meter LCD display. The unit also features auto-ranging capability and overload protection including an auto-shutoff feature to preserve battery life.

This unit can also double as portable data acquisition device incorporating a RS-232 serial interface that allows your computer to directly capture data through a standard computer COM port using the interface cable and software provided.

Condition: Excellent Price: \$10 or OBO. Contact Mike Tweedy KV6I (805-231-9683)

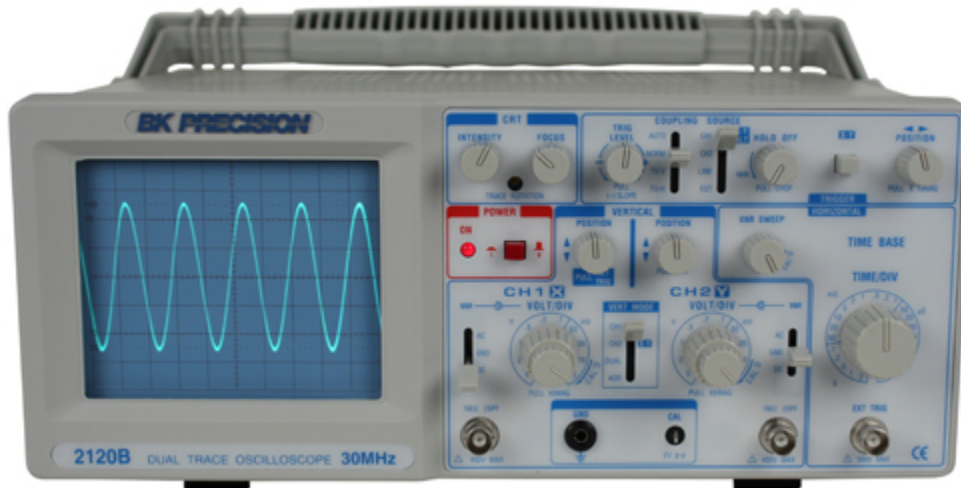
August 2023

Dennis, a Simi Valley resident, has a B&K 2120 oscilloscope for sale.

Dual trace, 30 MHz bandwidth. Price is listed at \$100. The scope is here in Simi. Here are the same items as listed on ebay for comparison:

https://www.ebay.com/sch/i.html?_from=R40&_trksid=p2380057.m570.11311&_nkw=bk+precision+2120&_sacat=0

Contact Dennis at dkruse789@yahoo.com



Somebody gave Orv W6BI a 75 foot length of LMR 600 cable. It has N connectors on both ends. Starting bid is \$50, it will be a donation to the club. Highest bid at the end of July wins. Send your bids to our treasurer Matt KN6SEC at mgriffi79@yahoo.com

August 2023

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 cell	km6min_bh@yahoo.com
Vice President	VACANT			
Secretary	Ron Nelson	K6RIN		rnelson759@sbcglobal.net
Treasurer	Matt Griffin	KN6SEC		mgriffi79@yahoo.com
Committee Chairpersons				
Webmaster	Matt Griffin	KN6SEC	(661) 361-5955 cell	mgriffi79@yahoo.com
Newsletter	Eric Oberg	KE6MLF	(805) 791-0745 cell	ericoberg1@gmail.com
Membership	Jim Parker	KJ6LXJ	(805) 368-6745 cell	kj6lxj@gmail.com
PIO	Donnie Williams	KJ6TTN	(818 974-0020 cell	donniewilliams@gmail.com
Raffle Prizes	Matt Griffin	KN6SEC	(805) 433-4513 cell	mgriffi79@yahoo.com
Youth Coordinator	VACANT			
Historian	Mike Tweedy	KV6I	(805) 231-9683 cell	mtweedy@roadrunner.com
Net Coordinator	Brian Hernandez	KM6MIN	(805) 813-7595 cell	km6min_bh@yahoo.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) 694-9019 cell	AB6BW1@gmail.com
Advisor	Bill Everett	KI6KSV		ki6ksv@gmail.com
Advisor Morse Code	John Percival	WI6O		johnspercival1@gmail.com
Advisor Mesh	Orv Beach	W6BI		orv.beach@gmail.com

August 2023

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 (\$25/yr) ☐
Family (\$30/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): _____

Shirt Printing: Yes ☐ No ☐ How many? _____ X \$25.00 = \$ _____

Name (s) Call(s): _____ (Self Supplied Polo Shirt, no emblem or pocket)

Hats Requested: Yes ☐ No ☐ How many? _____ X \$20.00 = \$ _____

Name (s) Call(s): _____

OFFICE USE ONLY

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

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

Badges and Shirts ordered: _____

August 2023