



Simi Settlers' Amateur Radio Club

Short Circuit

October 2017

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General Meeting
Time: 7:00pm
Location: Simi Valley
Senior Center
3900 Avenida Simi
Simi Valley, CA 93063

October 6, 2017

October Program

Thursday, October 12 7:00 PM

Lea Veronica - XYL of Jim Veronica
WA6NXK – will give a presentation on
***“WHAT ARE THE WIVES DOING
WHILE THEIR HUSBANDS ARE ON
THE RADIO?”***

Ladies this could be a fun and
interesting evening for you to join your
husband at this month's meeting. It is
not going to be about electronics,
antennas and radios. It will be about the
wonderful world of fabric and quilting.
Lea will bring a unique little sewing
machine to show you and just a few of
her ribbon winning quilts for you to see.
She will also demonstrate the
importance of math in planning and
making a quilt.

**Rocket Day Special Event Station
Plan**
Bill Woods - AB6BW

Dinner with the Speaker

Where? TGIFriday's
When? 5:15pm
Join your club board members
and Lea Veronica for dinner
before the club meeting.

Static & Sparks

Mike Hasenfratz - WA6FXT



Mike's Station

We're looking forward to hearing more
about the Flex system.

Welcome our New Members

Bob Branam
Douglas Durbrall – WA6RJN
Eric Oberg – KE6MLF
Tom Travis – AA6XT

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 Newsline) 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/netnight.htm | Channel Islands chapter 10-10 International 28.34 MHz at 10AM and 6PM | 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>

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. Tuesday - 3 October 2017 - ORT. If you can help man up the Simi Hospital, Simi PD or a remote site, let me know.
2. Saturday 7 October 2017 - Moorpark Country Day. This is an easy HT event.
3. Saturday - 14 October 2017 - Ventura Harbor Cancer Walk. Contact Grant at gmohr12@hotmail.com to help.
4. Saturday - 21 October 2017 - Ojai Day.
5. Sunday - 22 October 2017 - Ventura Marathon. Contact Rick at kq6no@arri.net to help.
6. Monday - 6 November 2017 - District Meeting TBA
7. Saturday - 11 November 2017 - Oxnard Band Competition. Contact Stewart at Stewart.stone@verizon.net to help.
8. Sunday - 19 October 2017 - Muddy River Experience - Contact Zak at <zakc99@aol.com to help.



KI6OQ OP at AID-3 for Share the Road Bike Ride

Events

Thursday, October 5, 2017, 6:00pm SSARC Pizza Night

Round Table Pizza, 2345 Erringer Road, Ste. 100, Simi Valley

Thursday, October 12, 2017, 7:00pm SSARC General Meeting

Simi Valley Senior Center, 3900 Avenida Simi, Simi Valley, CA 93063

Saturday, October 21, 2017, 1 pm to 5 pm BSA Jamboree

Simi Valley. Contact Frank at frankki6oq@gmail.com to volunteer.

Thursday, October 26, 2017, 7:00pm SSARC Board Meeting

Simi Valley Senior Center, 3900 Avenida Simi, Simi Valley, CA 93063

Saturday, October 28, 2017, SSARC Picnic

Members and guests. Burgers, hot dogs, condiments provided by SSARC.

9:00 am to 1:00 pm

Rancho Madera Community Park

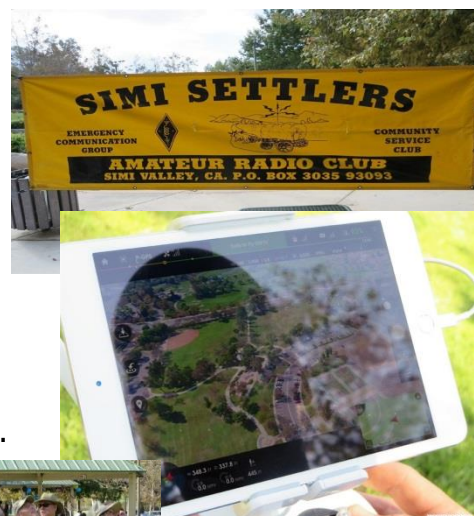
556 Lake Park Dr. Simi Valley

Picnic Coordinator is **Jim Parker** – call to coordinate side dishes:

Call Home: [\(805\) 583-2260](tel:8055832260)

or Cell: [\(805\) 368-6745](tel:8053686745)

eMail: KJ6LXJ@gmail.com



Saturday, November 18, 2017, Rocket Day & Special Event Station

Strathearn Historical Park, Simi Valley

See the article in this newsletter for details.



Sunday, December 10, 2017, Evening, Cruising Ventura Harbor Christmas Lights - *See the event flyer on page 4.*

Hosted by Jim and Lea Veronica

HOLD THE DATE !!! SUNDAY DECEMBER 10TH FOR THE VENTURA HARBOR BOAT CRUISE TO SEE THE HOLIDAY LIGHTS.

BOAT WILL DEPART THE ISLAND PACKERS DOCK AT 6:00. \$15.00 PER PERSON.

MAKE YOUR RESERVATION NOW !!

Saturday, December 16, 2017, Evening, Christmas Pot Luck Dinner

Hosted by Jim and Lea Veronica Save the date!!!

Raffle Prize!

The grand prize for the raffle will be :

Extreme MAX Battery Buddy



Sunday Night Net Control Operators

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

**HOP ABOARD SANTA'S BOAT
AT ISLAND PACKERS DOCK LOCATED AT
Ventura Harbor- 1691 Spinnaker Drive - Ventura**

To tour the Ventura Harbor and view the "In The Holiday Spirit" decorated boats and the festive waterfront homes of the Ventura Keys.



**"CHRISTMAS PARTY HARBOR CRUISE"
SUNDAY DECEMBER 10, 2017**

Hosted by THE OPEN SQUARES, Lea & Jim Veronica

Arrival time to check in and receive boarding pass 5:30 pm.

(Boarding pass is required by Island Packers. You will receive it when you check in)

Cruise Fare - \$15.00 per person.

Space is limited, reserve now. PRE-SALE ONLY

Includes deserts, coffee & water.

Tea, soda & hot chocolate are provided by no host bar on board - \$1.00 each.

Beat the holiday "frenzy" by making your reservation now.

For further info call Lea & Jim Veronica, 818-326-0177 or 805-583-8843

BOOK YOUR "HARBOR CRUISE" RESERVATION NOW

Cut here and enclose with check payable to Lea Veronica & mail to: Lea Veronica, 442 Peter Place, Simi Valley, CA 93065

HOLIDAY HARBOR CRUISE _____ **Number of persons.** **Enclosed \$15.00 per person** _____

Name(s) _____ **Address** _____

City _____ **Zip** _____ **Phone Number** _____

**A NAME AND EMERGENCY PHONE NUMBER FOR EVERY PASSENGER
IS REQUIRED BY ISLAND PACKERS AND THE COAST GUARD.**

Contact name & number in case of emergency

**YOUR RESERVATION TICKET WILL BE
CONFIRMED BY MAIL OR PHONE CALL
IF MAILING TIME IS TOO SHORT FOR
YOU TO RECEIVE TICKETS IN TIME.**



**Simi Settlers Amateur Radio Club
General Membership Meeting, September 14, 2017**

- Call to Order: President, Mike Hasenfratz, WA6FXT, called the meeting to order at 7:00pm. Mike welcomed everyone to the meeting, held at the Simi Valley Senior Center. There was a recitation of The Pledge of Allegiance. 10 Officers and Board Members/Advisors were present. The total attendance was 31, with 7 visitors. Our guests were: Bob Branam, Doug Dubrall, WA6RJN, Peter Grace, AI6PG, Joyce Grace, KI6HUV, Eric Oberg, KE6MLF, Tom Travis, AA6XT, and Brian Hernandez, KM6MIN.
- Announcements: Jim Veronica, WA6NXK spoke about the "Christmas Party Harbor Cruise" that will be on Sunday December 10th. The ticket cost is \$15 per person. The cruise check-in time is 5:30pm at 1691 Spinnaker Drive, Ventura. Contact Lea Veronica for information. Lea Veronica will give a presentation about Quilting at our October 12 General Meeting.
- Program: Mike Hasenfratz introduced our speaker for tonight, member Steve Noll, WA6EJO, who gave a talk and live demonstration of antennas and radio propagation phenomena. His demonstration uses a transmitter and a receiver operating at 10GHz with hardware readily available. The transmitter uses a Gunn Diode oscillator and the receiver uses a 1N23 diode. Steve passed examples of this equipment around the room for members to see. At 10GHz, very small antennas can be used to demonstrate principles that apply across the radio spectrum. Antenna types he showed included a ground-plane vertical, dipole, Yagi, and corner reflectors. With circular polarization and helical antennas, Steve demonstrated how reflection off a metal surface causes reversal of the polarization to "left hand" or "right hand" circular. Using various dielectric materials, Steve demonstrated propagation velocity effects of "lensing", diffraction, "knife-edging", ducting and standing waves. Steve ended the presentation with demonstrations of NVIS, and making a polar plot of an antenna's radiation pattern using a miniature "antenna range". At the end of program, Mike thanked Steve for this fascinating demonstration of antenna phenomena. Steve first gave this presentation to our Club in September 2015, and it was just as interesting and educational to see it again.
- Break: At 8:28pm, a 12-minute break was taken with refreshments provided by Bill Everett, KI6KSV.
- Member Drawing: The winning name in the progressive Membership drawing was Maureen Benson, KD6YYT, who was not present to win the \$10 prize. The prize amount will therefore increase to \$20 for our next regular meeting on Oct. 12, 2017. Members must be present to win, and the prize grows by \$10 each month it is unclaimed.
- Prize Raffle: After the prize raffle drawing, the Grand Prize winner of a Baofeng Hand Held radio was Jim Veronica, WA6NXK. A second grand prize was a Home Weather Station, won by Jay Harland, AG6JF.
- Adjournment: The meeting was adjourned at 8:58pm.

Submitted by: Secretary, John Percival, WI6O

Rocket Day Special Event Station

SSARC has been invited to operate a Special Event Station as part of the Rocket Day celebration Nov. 18 at the Strathearn Historical Park. Special event stations are fairly common on the HF bands. They are usually set up and run by amateur radio clubs in conjunction with larger community or historical society events. The FCC has set aside 1x1 call signs beginning with K, N, or W which can be assigned for short limited times to these special event stations. This is the provision that grants VCARS the call sign N6R for our Field Day operations at the Reagan Library. Special Event Stations are favorite targets for QSL card collectors.

In our club meeting on October 14, Bill Woods will be presenting a plan for SSARC to sponsor a Special Event Station (SES) at Rocket Day. To do this right, we need to:

- ▶ **Choose a call sign:** our club call (W6SVS) or a 1x1 call sign such as W6S.
- ▶ **Commit** to setting up and operating one or more HF stations for the period of 11:00 AM to 5:00 PM.
- ▶ **Design a Special Event QSL card** and then fill QSL requests after the event.
- ▶ We have also been asked to highlight amateur radio interaction with space. I know, it's a vast subject. Demonstrating the reception of beacons from passing satellites or especially the ISS (International Space Station) would be a cool addition to the SES. We are seeking a club member with experience in this area to guide, help, and (oh yeah) volunteer to **do something with ham satellites**.

A celebration of the local aerospace workers and industry that made the US Space programs possible...

In person NASA astronaut from Johnson Space Flight Center

Live feed from the International Space Station

Aerojet Rocketdyne RS-18 rocket engine on display

"Mission Control" room launch videos, NASA videos

Frank Winter from the National Air and Space Museum

Dr. E.C. Krupp, Director, Griffith Observatory

Astronaut ice cream and other novelties

Memorabilia and photos from Rocketdyne on display

Food trucks and vendors

And much, much more!!

Adults: \$10.00 | Children: \$5.00 | Children 4 & under: FREE
(13+) (5-12)

Saturday, November 18th 2017

11AM – 5PM

The Simi Valley Historical Society presents

ROCKET DAY

at Strathearn Historical Park and Museum

137 Strathearn Pl, Simi Valley, CA 93065 (805) 526-6453

Made possible by support from...



Letter From The Editor

Please submit articles, pictures, etc. on things of interest to our SSARC community for publication to me at ab6bw1@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. I look forward (with a wee bit of trepidation) to your submissions. **Submission Deadline is Sunday night before 1st Thursday!**

73, Bill (AB6BW)

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 | Mike Hasenfratz | WA6FXT | (805) 405-8696 | mikeh@tothe.net |
| Vice President | Jim Veronica | WA6NXK | (818) 389-3453 | fun4all8@earthlink.net |
| Secretary | John Percival | WI6O | | percivaljohns@cs.com |
| Treasurer | Glenn Daly | WA6GNB | | gnb.2112@yahoo.com |
| Committee Chairpersons | | | | |
| Webmaster | Jim Parker | KJ6LXJ | (805) 368-6745 cell | kj6lxj@gmail.com |
| Newsletter | Bill Woods | AB6BW | (818) 694-9019 cell | ab6bw1@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 | Dante Smith | W6JCQ | | danterusso1999@gmail.com |
| Historian | Mike Tweedy | KV6I | | mtweedy@roadrunner.com |
| Net Coordinator | Ray Campbell | KI6LKD | (805) 404-3246 | ki6lkd@yahoo.com |
| 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 | Frank Valdez | KI6OQ | (805) 404-0394 | frankki6oq@gmail.com |
| Past-Treasurer | Norbert Rehaut | W9YPM(SK) | | |
| Elmer | VACANT | | | |
| Advisor | Bill Everett | KI6KSV | | wildpoky45@earthlink.net |
| Advisor | Jim Hutchinson | KI6MZ | | jhutch17@adelphia.net |
| Advisor | Brad Rife | KI6KSY | | speedy@earthlink.net |

Digital Mesh Network News For SB Section and Beyond!

Santa Barbara County

Santa Barbara has Santa Ynez Peak back!! From Eric KG6WXC: "After I replaced the NW facing Santa Ynez Peak node a couple of weeks ago, Ryan, AI6NE in Santa Ynez could hear it again, but it was not hearing him well at all. He has since moved his node slightly higher and may need to do some tree trimming now, but he is back and is consistently seeing the rest of us again he reports!!

Some more work on the link back down into SB from same peak is still needed, but it is still good news for us up here.

3 GHz mesh is pretty much on hold until they get their 147.000 repeater dealt with, reportedly at the end of next month.

Ventura County

Ojai

A group of hams did a full day's work on the Sulphur Mountain radio site on Sept. 9th: W6BI, WD6EBY, WD6EVT, W6RH, K6MJU, and K6VGP. A lot of work on repeaters was done, but also a lot of mesh-related work:

- Replaced a failed 5 GHz Mesh Link to South Mtn.
- Installed a 24 port Ubiquiti PoE switch, a Winlink computer, and a VOIP PBX system
- Added a 5 GHz user access point directed approximately at the Oxnard airport.
- Installed an HF vertical for use with a remote base station, which will eventually be accessible over the mesh network (radio donated by Wayne W6OEU. Props to Wayne!).
- Installed an antenna for an ADS-B (aircraft position) receiver, whose output will eventually be available over the mesh network



In other Ojai activities, VOIP phones are being deployed to the PD and to the Red Cross GoBox.

Camarillo

Leisure Village has purchased and installed a 2 GHz and 5 GHz node on the top of their new tower. They configured and installed the firmware on the 2 GHz node and have good connectivity to Camarillo Hills.

Oxnard

County EMS purchased 2 GHz and 5 GHz nodes. Installation is TBD.

Simi Valley

A UPS donated by Simi Valley Hospital was installed at the Simi North site (north end of Sycamore Drive). With it, the site will stay up for quite a few hours in the event of a power failure.

Steve KE6WEZ requested of the Simi Valley Police Department, and was granted, permission to install a couple of nodes on the PD tower. We did a site survey on the 23rd and Steve's compiling a list of what's needed to make that happen. Now to find funding...

He also requested permission to add some telemetry to the Mellow Lane site and that was granted. I'm building it up now. It will consist of a Raspberry Pi and a D-A board that will allow us to monitor:

- Backup battery voltage for the SMRA repeaters
- Backup battery voltage for the SVPD DSW (Disaster Service Workers) repeater.

AC power fail detection
Inside temperature
Outside temperature

I'll write up something on this box in a future article.

Elsewhere

On Sept 22, more work was done on Verdugo Peak:

A 5 GHz user access point was installed alongside the existing 2 GHz access point, also pointing due west into the San Fernando Valley.

A 3 GHz local backbone link was installed. It will link a site being brought up at the very north end of Iverson Road in the northwest corner of the San Fernando Valley. That site will also have 2- and 5-GHz user access points. They will be pointed at and down towards the northern third of the San Fernando Valley.

Repairs were done on the link between Verdugo Peak and Chatsworth Peak. This link has been mostly down since installation.

At Hamcon 2017 in Torrance on September 16th, Andre K6AH, a project manager with the AREDN group, developers of the mesh firmware, gave morning and afternoon presentations on mesh networking and over 100 hams attended those sessions.

We held a BOF (Birds of a Feather) meeting in the afternoon. About 25 hams attended. It was a free-wheeling discussion about many different mesh-related topics. Paul EBY and I made several good contacts there - some were individuals and some representing groups, all in L.A. County. They've pretty much all requested guidance on best network practices as they build out their networks, and we'll be providing direction to them as time goes on.

Mesh networking is growing by leaps and bounds!

73

Orv W6BI



Simi Settlers Amateur Radio Club

P.O. Box 2125 Simi Valley, Ca 93062-2125 --- (www.simissettlers.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: _____