



# Simi Settlers' Amateur Radio Club

# Short Circuit

November 2018

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

November 1, 2018

## November Program

Thursday, November 8 7:00 PM

## FLEX - SDR III

Third time's the charm

3:39 PM Tue Oct 30 flexradio.com 87%



**FLEX-6700**

HF/50MHz Transceiver for the most demanding amateur

The Ultimate On-Air Experience



Radio in High Resolution

Never miss a signal

- 6" High Definition (WXGA 1280 x 800)
- Multi-touch
- High Resolution Panadapter and Waterfall
- Large, Easy-to-read Text

Radio Anytime,  
Anywhere

### Dinner with the Speaker

**Where? TGI Friday's**  
**When? 5:30 pm**

**Join your club board members for dinner with Mike before the club meeting.**

## Static & Sparks

Mike Hasenfratz - WA6FXT

QST... QST... QST...

The SSARC Board of Directors has finally finished updating the club's Bylaws and Constitution.

*They will be published soon via email.*



To ratify these documents, it will take two-thirds (2/3), of the "current membership", not of the "members present"; therefore, we **NEED** your votes. The voting will take place at the Feb. 2019 SSARC General Meeting, please make it a point to be at the Feb. 2019 meeting.

73's de Mike WA6FXT

## 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 Newslines) 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/netnight.htm">http://atn-tv.org/netnight.htm</a>	<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 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. Monday - 5 November 2018 - District Meeting - Held at the Camarillo PD at 1930 - 2100.
2. Saturday - 10 November 2018 - Filmore Public Service Day.
3. Sunday - 10 November 2018 - Oxnard Band Comp. Contact Stewart at [kg6bov@arrl.net](mailto:kg6bov@arrl.net).
4. Tuesday 13 November 2018 - NBEMS
5. Tuesday - 4 December 2018 - ORT
6. Saturday - 8 December 2018 - Camarillo Christmas Parade - Contact Dave Gilmore at [aa6vh@arrl.net](mailto:aa6vh@arrl.net)
7. Sunday - 9 December 2018 - Santa To The Sea - Contact Stewart at [kg6bov@arrl.net](mailto:kg6bov@arrl.net).
8. Tuesday - 11 December 2018 - NBEMS

# This Weeks Program

## *Flex SDR Part III*

The Flex Radios are just like any good HF+6M radio - *and then some*. They include a 100 watt transmitter that is modulated by all of the familiar modes: CW, USB, LSB, FM, NFM, & AM. The receiver(s) amplify rf from an antenna and provide all the normal demodulations: CW, USB,LSB, FM,NFM,& AM.



So, how is it different? On the receive side, the whole rf spectrum from 30 KHz to 72 MHz is digitized - real-time! continuously! You then assign multiple slices which can individually cover from a few KHZ up to Seven Mhz anywhere in the receive spectrum. Each slice is then filtered, cleaned, demodulated and served up as digital spectrum and waterfall as well as

analog audio to a variety of devices. On the transmit side, inputs from microphones, keys, or various digital sources are sorted, selected, digitized (if not already digital) massaged, and then modulated onto the analog rf.

And then there are the control and human interface functions.

Flex SDR is what this week's presentation by Mike Hasenfratz is all about.

SDR ramblings - Bill Woods - ab6bw



## Radio in High Resolution

Never miss a signal

- 8" High Definition (WXGA 1280 x 800)
- Multi-touch
- High Resolution Panadapter and Waterfall
- Large, Easy-to-read Text



## Events

### Thursday, November 1, 2018, 6:00pm SSARC Pizza Night

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

### Thursday, November 8, 2018, 7:00pm SSARC General Meeting

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

### Thursday, November 29, 2018, 7:00pm SSARC Board Meeting

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

### Saturday, December 15, 2018. SSARC Christmas Party

Hosted by Jimmy & Lea Veronica.

**Christmas party potluck sign-ups and raffle tickets will be available at the November and December Pizza Night gatherings and the November SSARC General Meeting.**

### Thursday, December 6, 2018, 6:00pm SSARC Pizza Night

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

## Raffle Prize!

Jim Hutchinson KI6MZ, our raffle coordinator, has several great prizes lined up. Bring \$\$\$ !!



*It's PARTY Time*

*Our SSARC Christmas Party is Sat. Dec 15*

*Great Raffle Prizes (members only)*

*\$\$ including a Ubiquiti Power Beam \$\$*

*hosted by Jimmy & Lea Veronica*

*442 Peter Place, Simi Valley*

# Christmas Party

Saturday December 15 6:00 PM

# Potluck

*Hosted by Jimmy and Lea Veronica*

*442 Peter Place, Simi Valley*



**DOOR PRIZE: NS-M5**

## NanoStation<sup>®</sup> M

Indoor/Outdoor airMAX<sup>®</sup> CPE

Featuring a panel antenna and dual-polarity performance, the NanoStation<sup>™</sup> M is ideal for Point-to-MultiPoint (PtMP) applications requiring high-performance CPE devices with a sleek form factor.

Models: locoM2, locoM5, locoM9, NSM2, NSM3, NSM365, NSM5



# Christmas Party

## RAFFLE PRIZES

2 EA SMA TO BNC RF  
ADAPTER SET

3 ea Gift Basket -  
Women

1 ea Cold Brew Coffee  
Maker - Woman

1 ea Mesh Node  
UBIQUITY M5

2 ea Bofang  
UV5RA - HT

1 ea Baofeng  
Speaker Mic

2 ea Dinner Gift Card -  
Women

1 ea Weller WLC100 40-Watt  
Soldering Station

2 ea Headset For HT

1 ea Eightwood Dual Band  
Mobile Antenna

GRAND PRIZE : PBE-M5-300

## PowerBeam®

High-Performance airMAX® Bridge

Incorporating a dish reflector design with advanced technology, the PowerBeam™ is the latest generation of Ubiquiti Networks® airMAX® CPE for customer locations.

Models: PBE-M2-400, PBE-M5-300, PBE-M5-400, PBE-M5-620



## TICKETS

[Buy Now](#)  
1 to 4 tickets \$3.00 each  
6 tickets \$15.00  
9+ tickets \$2.00 each

**Simi Settlers Amateur Radio Club  
General Membership Meeting, October 11, 2018**

- Call to Order:** President, Mike Hasenfratz, WA6FXT, called the meeting to order at 7:01pm. Mike welcomed everyone to the meeting, held at the Simi Valley Senior Center. There was a recitation of The Pledge of Allegiance. 9 Officers and Board Members/Advisors were present. The total attendance was 30, with 5 visitors.
- August Minutes:** Mike Hasenfratz mentioned that the newsletter contains the minutes of the August general meeting. A motion was MSP to accept the minutes as published.
- Treasurer's Report:** Treasurer Glenn Daly, WA6GNB, reported the Club's current account balance as \$1,616.00.
- Introductions:** There was a round of introductions for members and guests. The club welcomed guests John Hitchcock, K6RUE, Steve Fein, KM6VOV, Ligia Fein, KM6VOW, Randolph Strader, KE6JQT, who all joined SSARC at this meeting. Also, David, Arata, KA9WMI was a visitor.
- Announcements:** Saturday, October 13, will be the SSARC Fall Picnic, at the home of Jim and Lea Veronica. The Club will provide hotdogs, hamburgers, and soft drinks, and members will bring Hot luck side dishes or desserts. Jim said the picnic will start at 11am and go to 3pm. He said he could use help setting things up starting at 10:30am.
- Orv Beach, W6BI, thanked the Club and members for the support given to the Mellow Lane repeater site to upgrade the Mesh Network equipment and camera. Orv said he has the new camera and he talked about the work he will be doing to get the new items installed.
- Monte Vista School:** John Hitchcock, K6RUE, spoke about the ham radio class and ham station activity at Monte Vista School. He described the equipment they have and thanked Frank, KI6OQ, and Dante, W6JCQ, for the help they have given. John said they will have an APRS balloon tracking activity in about May 2019. John said he can give future presentations for our Club meetings.
- Program:** President Mike Hasenfratz introduced Eric Oberg, KE6MLF, our speaker for this meeting. The subject was "W8TEE/K2ZIA Antenna Analyzer" based on an open source Arduino design. This project was featured in a QST article from November 2017. The unit can work in the frequency range from 1 to 30 MHz. Eric showed the schematic of the analyzer and explained the internal functions. He showed a plot of a G5RV antenna SWR curve made with the analyzer. Eric said the PC Board for the project can be bought for \$10 at [qrpguys.com](http://qrpguys.com).
- At the end of his program, Mike Hasenfratz thanked Eric and gave him a certificate of appreciation from SSARC.
- Break:** At 8:10, a 25-minute break was taken with refreshments provided by Bill Everett, KI6KSV.
- Member Drawing:** The progressive Membership drawing was held. The winning name drawn was Richard Johnson, N6HJD, who was not present to win the \$50 prize. The prize amount will therefore increase to \$60 for our November meeting. Members must be present to win, and the prize grows by \$10 each month it is unclaimed.
- Prize Raffle:** Jim Hutchinson, KI6MZ, our prize chairperson showed the selection of prizes for tonight, featuring a folding step ladder, a 5V USB charging supply, and a large jar of peanuts.
- November Meeting:** Our next meeting will be on Thursday, November 8, 2018. Mike will give a presentation to further demonstrate his SDR radio system.
- Constitution/Bylaws:** President Mike said it is planned to send out copies of the updated Constitution and Bylaws documents to Club members along with the November Newsletter. The membership will be asked to vote in February 2019, to adopt these updated Club documents.
- Adjournment:** The meeting was adjourned at 8:47pm.
- Submitted by: Secretary, John Percival, WI6O

## 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](mailto: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 1<sup>st</sup> 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				
<b>President</b>	Mike Hasenfratz	WA6FXT	(805) 405-8696	<a href="mailto:mikeh@tothe.net">mikeh@tothe.net</a>
<b>Vice President</b>	Jim Veronica	WA6NXX	(818) 389-3453	<a href="mailto:fun4all8@earthlink.net">fun4all8@earthlink.net</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:gmb.2112@yahoo.com">gmb.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>	Bill Woods	AB6BW	(818) 694-9019 cell	<a href="mailto:ab6bw1@gmail.com">ab6bw1@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>	Jim Hutchinson	KI6MZ	(805) 298-2307	<a href="mailto:jhutch17@adelphia.net">jhutch17@adelphia.net</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>	Ray Campbell	KI6LKD	(805) 404-3246	<a href="mailto:ki6lkd@yahoo.com">ki6lkd@yahoo.com</a>
<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>Past-Treasurer</b>	Norbert Rehaut	W9YPM(SK)		
<b>Elmer</b>	<b>VACANT</b>			
<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>



# 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: \_\_\_\_\_

Call: \_\_\_\_\_ Class: \_\_\_\_\_ ARRL: Yes  No  (Omit year)

Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: (\_\_\_\_) \_\_\_\_\_ Alt. Phone: (\_\_\_\_) \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

### Additional Family Members:

Name: \_\_\_\_\_ Day & Month of Birth: \_\_\_\_\_

Call: \_\_\_\_\_ Class: \_\_\_\_\_ ARRL: Yes  No  (Omit year)

Name: \_\_\_\_\_ Day & Month of Birth: \_\_\_\_\_

Call: \_\_\_\_\_ Class: \_\_\_\_\_ ARRL: Yes  No  (Omit year)

Name: \_\_\_\_\_ Day & Month of Birth: \_\_\_\_\_

Call: \_\_\_\_\_ Class: \_\_\_\_\_ ARRL: Yes  No  (Omit year)

Name: \_\_\_\_\_ Day & Month of Birth: \_\_\_\_\_

Call: \_\_\_\_\_ Class: \_\_\_\_\_ ARRL: Yes  No  (Omit year)

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: \_\_\_\_\_