



Welcome to SFARC, Auburn, CA

# Sierra Signals

P.O. Box 6421 Auburn, CA 95604

July 2018

<http://w6ek.org> [info@w6ek.org](mailto:info@w6ek.org)

## At The Key of SFARC:

### PRESIDENT

Orion Endres, AI6JB  
ojendres@outlook.com

### VICE PRESIDENT

Michael Perry, KK6GLP  
mrpry2@gmail.com

### SECRETARY

Bruce Anderson, K6BAA  
anderson51@wavecable.com

### TREASURER

Sharron Griffith, KK6RGV  
sharron@suddenlinkmail.com

### DIRECTORS

Greg Dolkas, KO6TH  
Mark Graybill, W8BIT  
Brian Gohl, AI6US

### FIELD DAY CHAIRMAN

Gary Frerking, KC3PO

### REPORTERS

Satellites: Greg, KO6TH  
Sunshine: Richard, WA6RWS

### GROUPS io

Dennis Gregory, WU6X

### PIO

Carl Schultz, WF6J

### REPEATERS

145.430 (-0.6 MHz/PL 162.2)  
440.575 (+5.0 MHz/PL 162.2)  
223.860 (-1.6 MHz/PL 110.9)

### CLUB NET

Thursdays, 7:30PM, W6EK/R  
145.430

### CLUB MEETINGS

Second Friday of the month,  
7:30PM at the Auburn City Hall,  
1215 Lincoln Way, Auburn CA

### CLUB BREAKFAST

Last Sat of the month at Mel's Diner  
1730 Grass Valley Hwy, Auburn 7:30AM

### NET CONTROL OPS

Dave Jenkins, WB6RBE  
Casey McPartland, W7IB  
Bob Brodovsky, K6UDA  
Al Martin, NI2U

### NEWSLETTER EDITOR

Barbara Anderson, W6EVA  
anderson51@wavecable.com

### WEBMASTER:

Herb Garcia, KM6JBI

### VOLUNTEER EXAMINER

Al Martin, NI2U



## Calendar of Events



4<sup>th</sup> of July

July 13<sup>th</sup>:  
Club Meeting

July 28<sup>th</sup>:  
Club Breakfast

July 28<sup>th</sup>:  
TEVIS

## Inside this issue

- *President's Message*
- *Photos of Field Day & WSER - 2018*
- *ISS Slow Scan TV – pictures from space*
- *Board Minutes*
- *General Minutes*

**We encourage members to receive Sierra Signals via email to save the Club the cost of reproduction and mailing**

Sierra Signals is published monthly by the Sierra Foothills Amateur Radio Club for the information of its members and friends, and is distributed via E-mail and USPS mail. Opinions expressed are those of the authors. Newsletter exchanges with other clubs via E-mail are welcomed. Contact the editor to be placed on the E-mailing list. The contents of Sierra Signals are copyrighted by the Sierra Foothills Amateur Radio Club, and all rights are reserved. That said, we will gladly permit republications for non-profit uses of all text material. Photos require the consent of all persons pictured in them, and some of our material is copyrighted by others and published by permission. You'll need to contact them for permission.



## President's Message

*By Orion Endres – AI6JB,  
President*

### ***What a Great Field Day This Year!***

Field Day was a splendid success this year! Thanks to the leadership of Gary, KC3PO, and Brian, AI6US, and all the hard-working hams in our club. Many wonderful memories were made last weekend. Thank you to everyone for being a part of it!

The goal this year was to have low key social atmosphere. Our new pop-ups, purchased for the Club, made an inviting shady place to relax. Mission accomplished!!

We had a special treat. Alan, W6LAN, connected via satellite to the internet and operated remote from Field Day. Imagine for a moment being anywhere in the world and operating your ICOM 7300 back home.

Speaking of 7300, Bob, K6UDA, offered up his for one of the stations. What a really nice radio! Definitely on my wish list.

SDR was well represented this year at Field Day. Not only did we have a 7300, but Brian, AI6US, brought up his Flex 6300 for the GOTA (Get On The Air) station and Birton, N6UG, and Dennis, WU6X, brought their Elecraft KX3s. We certainly had some of the finest radios on the market available.

Participation was up. By 5 PM on Saturday, Richard, WA6RWS, logged 67 participants. In years past, we have 40-50 for the whole weekend.

If you missed it, there is always next year's Field Day. "Always the fourth weekend of June"!!

### ***Club Officer Elections***

Thank you goes out to Rich, AA6RS, for volunteering to Chair the important Nomination Committee this year. Under his leadership, the Nomination Committee will submit a slate of officers for next year at the September General Meeting and run the election at our November meeting. Beware, he is now on the prowl for officer candidates.

What does it take to become an office? All you need is a ham license and be a member for at least 6 months to serve.

All positions are available! But, we will have several vacancies. Bruce, K6BAA, has faithfully served as Secretary for the past 4 years! He has reached his term limit. Thank you, Bruce, for being a vital member of the Board. Sharron, KK6RGV, and Mike, KK6GLP, have announced they will not seek another term to spend more time with their families. Thank you Sharron for three years of managing our books and Mike for two years of wonderful programs at our meeting. And last, but definitely not least, we have the usual two Board Director positions available.

If you are interested in elected office, please contact Rich.

***Club Picnic: Different Month, Same Place***

Our Club picnic will be on September 22<sup>nd</sup> at Applegate Park from 10:00 – 14:00. Mark your calendars!!

Being a month later than usual, it will mean cooler weather and more folks are back from their summer sojourns. You will not want to miss out on all the fun! More details to follow.

***Ham and Back Country***

Are you the Ham that likes to get off the beaten path in search of S0 or S1 noise? Do you like to get together with other Hams to camp-out/RV for the weekend? Do you like to work contests or do you want to learn more about radio sport? Several of us are planning on getting together to do just that.

One option is the California QSO Party on the first weekend of October. If you are interested in joining us, contact Brian, AI6US, or me, Orion, AI6JB.

Hope to hear you on the air!

73

**Orion Endres, AI6JB**

President

[AI6JB@arrl.net](mailto:AI6JB@arrl.net)



# Photos of Field Day - 2018





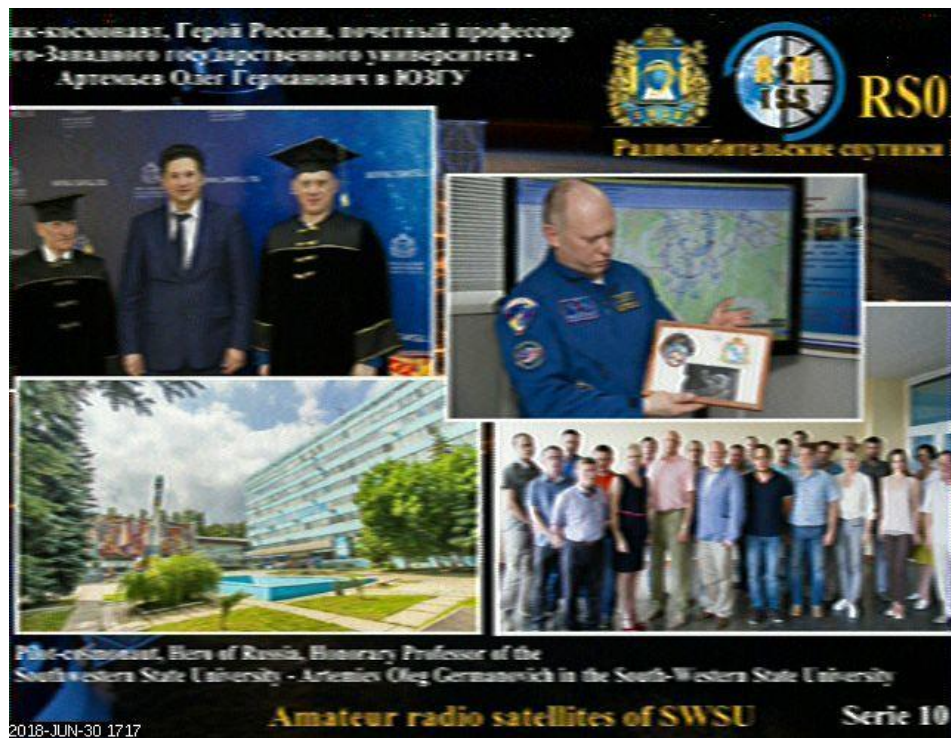
# The Western States Endurance Run

Bruce K6BAA from our club (on the left) worked the Robinson Flat voice communication station



### ISS Slow Scan TV – pictures from space

Greg KO6TH has been receiving ISS images on 145.800 FM and has posted the photos on groups.io for club members to view. He related that if you don't have the SSTV software set up yet, you can just record the audio on the device of your choice, and replay it later when the software is installed.



Greg copied this photo yesterday using the MMSSTV software

Bruce K6BAA copied this photo today





## BOARD OF DIRECTORS MEETING MINUTES

June 8, 2018

The SFARC Board meeting for June commenced at 1800 hours at the Mel's Diner restaurant in Auburn.

**Roll Call:** All officers and Directors were present with the exception of Sharron-KK6RGV and Mark-W8BIT. Guests included Richard-WA6RWS, Al-NI2U, Dennis-WU6X and Herb-KM6JBI.

### REPORTS and DISCUSSIONS

**President's Report:** Orion-AI6JB submitted the agenda and asked for officer, board and committee chair reports.

**VP Report:** Mike-KK6GLP reviewed this evening's presentation.

**Secretary's Report:** Bruce-K6BAA had nothing to report.

**Repeater /Sunshine/Membership:** Richard-WA6RWS advised Gray-KC3PO's father passed away. The repeaters are currently working; curtesy tone will be off during the Western States Run 6/23/18. He also presented to the board a request to purchase repeater equipment not to exceed \$275. A motion to approve was made by Mike-KK6GLP, Greg-KO6TH seconded, the motion passed unanimously. Richard suggested all members be in possession of a club business card to hand out to interested parties.

### OTHER DISCUSSIONS

**Web:** Herb-KM6JBI updated the board on the club's web page updates to include making membership applications fillable online with auto forwarding to Sharron and Richard. Al suggested the VE testing site needs to be updated as "Granite Bay".

**VE:** Al-NI2U advised the new Technician test has arrived and is effective July 1<sup>st</sup>.

**Events:** Mike-KK6GLP advised the Enduro group made an \$800 donation to the club. Funds to be placed into the repeater fund. Brian also said the club picnic and campout will not be combined as a site accommodating both will not work. Club picnic TBA for September.

**Drawing/Refreshments:** Orion said Doug-KM6QET will assume duties of the drawing. Refreshment chair still needed as Chip-KM6MDF is temporarily handling.

**Groups.io:** Dennis-WU6X advised he cannot link Facebook with groups.io. Membership is at 109.

**IT Summit:** Had concluded. Dennis-WU6X will give a synopsis at the general meeting. Herb suggested getting club member input on available resources such as groups.io, Facebook and YouTube.

**Field Day:** Brian-AI6US updated the board on preparations. Brian discussed the previously approved purchase of the pop-up awnings. He also submitted to the board a proposal to purchase a triplexer for field day at a cost not to exceed \$300. Brian made the motion to purchase, Bruce-K6BAA seconded, the motion passed unanimously.



**Club Picnic:** September 22<sup>nd</sup>, 2018. 10-2PM at Applegate Park.

### **Old Business**

Orion advised club officer duties list is needed from each officer. Richard-WA6RWS will receive the lists.

**Repeater Lease:** Bruce-K6BAA advised he has heard nothing from the school district after presenting the lease renewal to the district CBO. Follow up telephone call was made June 5<sup>th</sup> to the CBO's Executive Secretary.

**Financial Review:** Orion-AI6JB and Mike-KK6GLP were impressed with Sharron's record keeping. Orion is working on a couple items and has seven recommendations for Sharron.

**Feather Banner:** Herb-K6JBI will look into a design for the proposed club feather banner.

Meeting adjourned at 1900. Submitted by *Bruce Anderson, SFARC Secretary*

---

## **GENERAL MEETING MINUTES**

### **June 8, 2018**



The SFARC General meeting for June commenced at 1930 hours at the Auburn City Hall Rose Room, President Orion-AI6JB presiding. All Officers and Directors were present with the exception of Mark-W8BIT. Orion led approximately 34 members and guests in a Pledge of Allegiance to the flag. An introduction of Officers, members and guests followed.

#### **REPORTS:**

**President's Report:** Orion briefly discussed the agenda and reviewed this evening's board meeting. Orion reviewed the board meetings approval of the purchase of a triplexer. Brian-AI6US explained the need for the DX Engineering unit for upcoming Field Day. Jim-WA8MPA made a motion to purchase, AI-NI2U seconded and the motion passed unanimously.

**Vice President's Report:** Mike-KK6GLP reviewed upcoming presentations and events.

**Secretary's Report:** Bruce-K6BAA requested input for the club newsletter; advised a welcome letter was available for new members and guests, and a reminder to the membership to sign the attendance sheet.

**Treasurer's Report:** Sharron-KK6RGV reported on the club's finances.

#### **Directors**

Brian-AI6US reviewed his pop-up tent practice exercise and was happy to report there were no injuries. He advised he has Field Day t-shirts available for those who ordered them.

Greg-KO6TH reviewed the club's YouTube channel and asked members for input on how to improve the channel. Greg added the channel is beneficial to members who cannot attend meetings. Birton-N6UG suggested adding lighting to the club presentations to improve the videos.

**Repeater Report:** Birton-N6UG presented to the membership the need to purchase a firewall protection system for the repeater not to exceed \$275. Bob-K6UDA made a motion to purchase, Carl-N6CKV seconded and the motion passed unanimously. Richard-WA6RWS advised he has repeater access code cards for members. He advised for upcoming events, the repeater courtesy tone will be deactivated without a hang time.

**Scholarship Fund:** Orion-AI6JB advised the scholarship in Dan's - W6PRL (SK) name is at \$800.

**Sunshine:** Richard advised Gary-KC3PO's father passed away.

**VE's Report:** Al-NI2U advised the new Technician test has arrived and is effective July 1<sup>st</sup>. The last session had 9 candidates resulting in 4 technicians, 1 general upgrading from an expired license, 1 general and 2 extras.

**Activities:** Mike-KK6GLP advised the Western States is 6/23/18, the Tevis 7/28/18 and Cystic Fibrosis charity 10-10-18. The Enduro group made an \$800 donation.

**Satellite Report:** Greg-KO6TH briefed members on current satellite activity.

**Refreshments/Drawing:** Doug-KM6QET the drawing chair, reviewed the evenings prizes. Chip-KM6MDF handled the evening's refreshments with the assistance of his two sons. Chip is temporarily filling the position, a refreshment chair is still needed.

**WEB:** Herb-KM6JBI advised he is continuing to update the web site.

**Contests:** Dennis-WU6X advised VHF contest Saturday 6-9-18 to Monday 6-11-18.

**Groups.io:** Dennis reviewed web group, but advised you must be a club member to post.

**Membership:** Richard-WA6RWS advised membership at 110.

**ARES:** Carl-N6CKV reviewed upcoming topics and events.

**Nomination Committee:** New chair: Rich-AA6RS.

**Library:** Jim-WA8MPA reviewed library materials and the "freebee" table items.

**Club Picnic:** September 22<sup>nd</sup>, 2018. 10-2PM at Applegate Park.

**JOTA:** Orion-AI6JB advised the event will be held at Beale AFB, 10-20/21-18. He has a signup sheet and added the Air Force needs the volunteer's names in advance.

**New Business:**

**IT Summit:** Bob-K6UDA discussed some web page ideas

**Mesh Networks:** Gary-KC3PO Reviewed recent mesh network activity in the Sacramento area and suggested club members to get involved.

**Samuel Morse Class:** Andrew-KC6O advised a new CW class will start in September.

**Tech Ten:** Dennis-WU6X gave a presentation about online SDR and how to use them. Recommended web site: websdr.org for those interested.

**Presentation:** Gary-KC3PO presented to the membership Field day preparations.

**General Announcements:** The Club Net meets every Thursday at 7:30pm; Board and General Meetings occur on the 2nd Friday, Board meeting is held at **Mel's Diner** in Auburn, and General meetings at 7:30pm at **Auburn City Hall**. The Club breakfast is held on the last Saturday at **Mel's Diner** in Auburn; an Elmer Net is held the first and third Wednesday night at 7:30pm on the 2m repeater. See [www.w6ek.org](http://www.w6ek.org) for more information.

Meeting adjourned at 2140. Submitted by *Bruce Anderson, SFARC Secretary*



 **MISSION CONTROL**

DENNIS H. GREGORY  
Instructor/Technician

**Computer Repairs and Support**  
Reasonable rates, free consultation  
Placer County Business License #92311

Phone: 530-305-0180  
Auburn, CA

Email: WU6X@hotmail.com  
www.yourmissioncontrol.com

 **Macintosh Computer Repair**

2905 58th Street  
Sacramento, CA 95817

916 862-6802  
support@carlschultz.biz

**Carl Schultz**  
Hardware, Software, Network, Tutoring

**Batteries + Bulbs.**

**Ryan Tollefson**  
District Manager

8025 Greenback Lane • Citrus Heights, CA 95610  
P 916 -722- 8800 • C 916-775- 3030 • F 916-722- 2489  
rtollefson@batteriesplus.net • www.BatteriesPlus.com

Independently owned and operated Franchise.

**SIERRA Foothills Amateur Radio Club**

P.O. Box 6421, Auburn, CA 95604

**2018 MEMBERSHIP APPLICATION**

Name: \_\_\_\_\_ Call: \_\_\_\_\_ Class: \_\_\_\_\_ e-mail: \_\_\_\_\_

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

Associate Name: \_\_\_\_\_ Call: \_\_\_\_\_ Class: \_\_\_\_\_ email: \_\_\_\_\_

Phone: \_\_\_\_\_ Cellphone: \_\_\_\_\_ Application is New / Renewal (circle one)

ARRL member? Yes / No (circle one)

**DUES / DONATIONS:**

Membership: yearly \* \$22.00 or 20.00 X how many years \_\_\_\_\_ = \$ \_\_\_\_\_ \*\*\* see below Multi-year Discount

Associate: yearly \$7.00

Repeater Donation: \$ \_\_\_\_\_

Auto Patch Donation: \$ \_\_\_\_\_

Newsletter Booster: \$ \_\_\_\_\_

Misc. Donation: \$ \_\_\_\_\_

Christmas Donation: \$ \_\_\_\_\_

Name Badge \$10 or \$15 (circle one) \*\* see below for type of badge requested Name on Badge \_\_\_\_\_

**TOTAL: \$ \_\_\_\_\_ Please add \$1 if paying via PayPal**

\* Prorated dues for NEW Members / Associates Only

July	\$ 20 /6	October	\$ 14/3 + following year
August	\$ 18/5	November	\$ 12/2+ following year
September	\$ 16/4	December	\$ 10/1 + following year

\*\* Clip Badge = \$10; Magnetic Badge = \$15

\*\*\* Multi-year DISCOUNT membership \$20 per year for 2 or more years (New or renewal)

**OFFICE USE ONLY:**

Date: \_\_\_\_\_ Treasurer: \_\_\_\_\_ Secretary: \_\_\_\_\_ Roster: \_\_\_\_\_

Payment: \_\_\_\_\_ Check Number: \_\_\_\_\_ Cash: \_\_\_\_\_ PayPal: \_\_\_\_\_