



Welcome to SFARC, Auburn, CA



P.O. Box 6421 Auburn, CA 95604

June 2023

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

### At The Key of SFARC:

#### PRESIDENT

Jeff Morgan, KM6RGO  
[jamontrail@gmail.com](mailto:jamontrail@gmail.com)

#### VICE PRESIDENT

Greydon Hicks, KC6SLE  
[lisagreydon@gmail.com](mailto:lisagreydon@gmail.com)

#### SECRETARY

David McBrayer, N6OJJ\*  
[david.mcbrayer9@gmail.com](mailto:david.mcbrayer9@gmail.com)

#### TREASURER

Rob Newburn, KM6YKX  
[RobNewburn@att.net](mailto:RobNewburn@att.net)

#### DIRECTORS

Jon Kim, KI6RT\*  
Mike (Smitty) Smith, WB1G  
Joe Steinmetz, K6SAT\*

#### FIELD DAY CHAIRMAN

OPEN - TBD

#### REPORTERS

Satellites: Greg, KO6TH  
Sunshine: Pam, KN6GTK

#### GROUPS *io*

Dennis Gregory, WU6X

#### PIO/Social Media Officer

Mike (Smitty) Smith, WB1G

#### REPEATERS

145.430 (-0.6 MHz/PL 162.2)  
Wires-X, Allstar, Echolink  
440.575 (+5.0 MHz/FUSION)  
223.860 (-1.6 MHz/PL 110.9) Allstar

#### CLUB NET

Thursdays, 7:30PM, W6EK/R 145.430

#### CLUB MEETINGS

Second Friday of the month,  
Crossroads Church @7:30pm  
1101 Auburn Ravine Rd, Auburn

#### CLUB BREAKFAST

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

#### NET CONTROL OPS

Dave Jenkins, WB6RBE  
Orion Endres, AI6JB  
Chip Bautista, KM6MDF  
Mike (Smitty) Smith - WB1G

#### NEWSLETTER EDITOR

OPEN - TBD

#### WEBMASTER(S)

Smitty (WB1G) / Greg (KO6TH)

#### STATION TRUSTEE

Clyde Campbell, AB4CC

#### VOLUNTEER EXAMINER

Brian Gohl AI6US  
[ai6us@arrl.net](mailto:ai6us@arrl.net)



<https://rsvp.w6ek.org>

### Calendar of Events

<https://www.w6ek.org/calendar>

#### VE Testing

June 5th @ 7 PM

#### SFARC Board Meeting

June 8th @ 6 PM  
Club Zoom Room

#### General Club Meeting

June 9th @ 7:30 PM  
Club Zoom Room

#### Hams In The Hills

June 17th @ 8 AM

#### Western States Endurance Run

June 24th - June 25th  
Priority 2M and 440 repeater  
traffic given to this event

#### ARRL Field Day 2023

June 24th - June 25th  
Georgetown Airport

*Join us every morning @ 7:30am  
for the Coffee Break Net on the  
W6EK repeater 145.43, PL 162.2*

### Inside This Issue

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- Looking Forward
- What Exactly Is Field Day?
- The History of Field Day
- Welcome New Members
- Members for Consideration
- Board and General Meeting Minutes



## PRESIDENT'S MESSAGE

By: Jeff Morgan (KM6RGO)

### Field Day Planning

The **ARRL Field Day** is coming up on **Jun 24-25** with setup starting on **Fri June 23**. This year's Field Day event will be at **Georgetown Airport** as the last couple of years. **Sierra Foothills ARC** has been making a good showing at Field Day for quite a few years. Each year, we get out into the field, set up a few stations, antennas, and work as many stations around the US and Canada as we can. The goal is to experience what it might be like to logistically deploy for communications needs in the field. It is also our largest public-facing event. A way to show the public what Ham Radio is all about, get them on the air and gain experience in the process. It takes quite a bit of logistical planning to make this happen. The team has been working hard to ensure a well organized event. It takes quite a few people to make this happen. There are still jobs to fill, so, please join the planning committee and see what role you can play to keep this fun for all. If you plan on going, make sure you **RSVP on [www.w6ek.org](http://www.w6ek.org)** as we want to make sure we can accommodate you. Planning meetings are held on Zoom each week until Field Day. **Check the W6EK Calendar for the next planning meeting.**

### Coffee and Doughnuts in the Park

Spring time is officially here! On Sat May 13, we got together at Recreation park at 7:30 am for Coffee and Doughnuts. There is nothing better than meeting at the park on a fresh spring morning to enjoy coffee together. Oh, and of course, doughnuts! Who doesn't enjoy a doughnut now and then? The morning was also the rally point for **Hams in the Hills** fueling up for a day in the snow getting stuck, unstuck, and stuck again. Always an adventure and never dull!



### Sat Breakfast

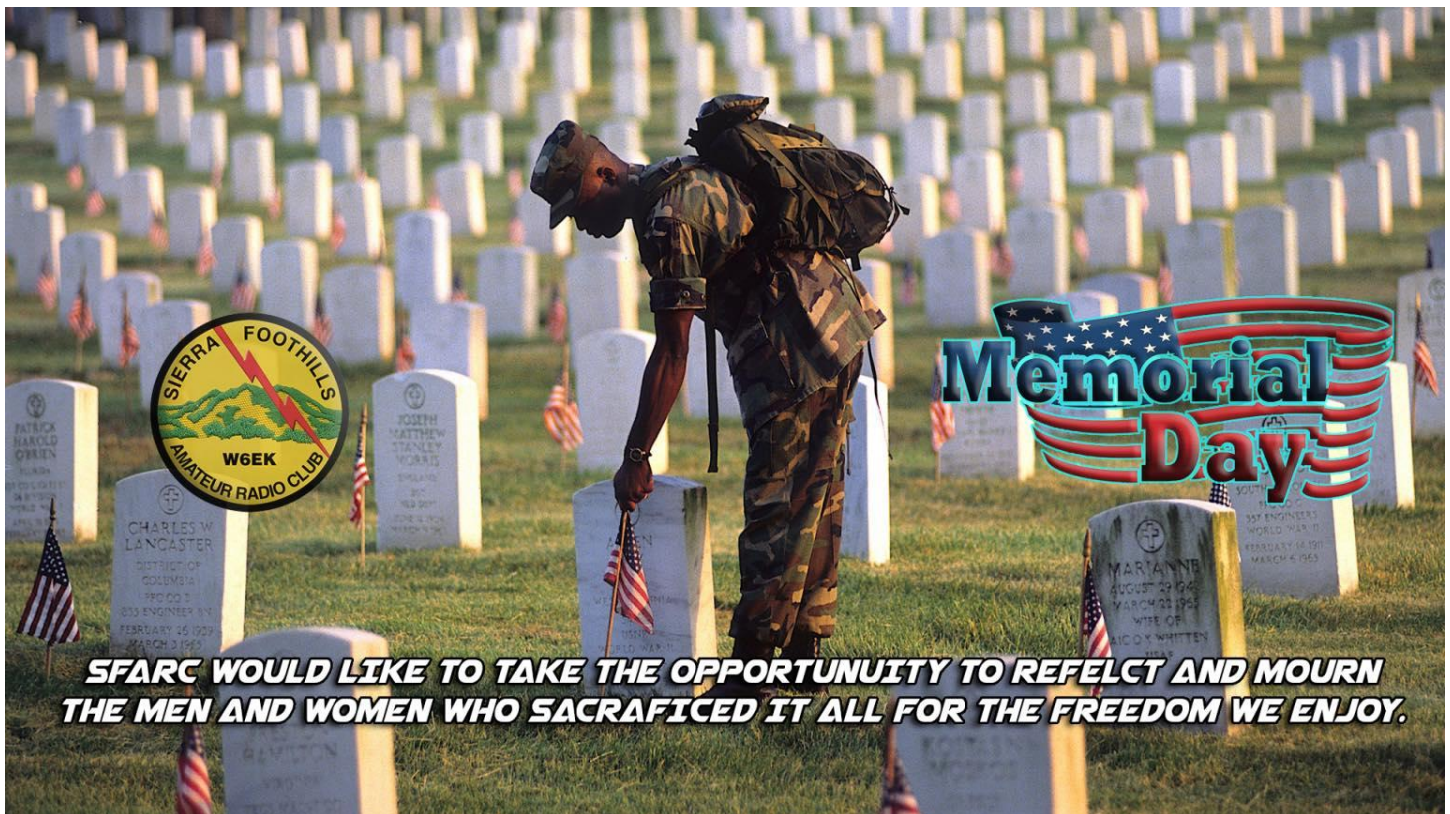
We had a marvelous breakfast at **Mel's Diner on hwy 49** with 22 attendees, about eight were their first time visiting with us! We make such a great impression on the local ham community that people drive up the hill to meet us in person. How nice is that? The **Sat breakfast** is held on the last Sat of every month, at Mel's on highway 49. Whether or not we have other events going on, there will be a breakfast. As it happens, on the last Saturday in August, the 29th, Mel's will be unavailable to us due to an annual event scheduled on that day. Instead, we will meet at **Wings at the Auburn Airport**. Wings is another of our favorite places to get together. If you can't find us at Mel's, that's where we will be.

## Western States Endurance Run

The **Western States Endurance Run** team is gearing up for the big event on **June 24-25**. When there are training runs, we allow the communications team to have priority use of the repeater. The weekend of the race, however, the repeater will be used exclusively (other than emergency traffic) by the race communications team to ensure a safe sporting event. These runners are pushing themselves and we want to give them every chance to complete the race and be safe along the way. There will be quite a few hams, many club members, supporting the **WSER** that weekend. The run is a 30 hour event in difficult operating circumstances. I am sure our hams are up for the challenge!

## Memorial Day

This **Memorial Day**, many of us had the chance to reflect, mourn, and honor the brave service members who gave their lives for our country. We fly our flags at half staff in their memory. Personally, I take time to reflect on the personal stories I have heard over the years from those who were able to tell them. I think of the well maintained memorials I have visited overseas with rows and rows of white marble inscribed with the names of those who cannot tell their stories. I wonder how much we were protected by what we were not told and may never know. Perhaps the best way to honor their sacrifices is to live the life of freedom and liberty they fought for, and to be the Americans our service members would want us to be. After today, we will raise our flags. We will always remember; we will also live our lives and enjoy our freedoms as Americans. They way our fallen would have wanted us to.



73!

Jeff (KM6RGO)

Sierra Foothills Amateur Radio Club | President



## LOOKING FORWARD

By: Greydon Hicks (KC6SLE)

Last Club Meeting we had a great turnout for Barri's, NW6Q, presentation on the Hubbell and James Web Space Telescopes. What a great and fascinating presentation it was. Barri kept both our in-person and Zoom attendees, about 55 total, completely captivated. And Barri stayed around after the meeting to answer additional questions from those who were attending in person. Thank you Barri! If you missed Barri's presentation you can find the recording in the Club's video archives.

The day following our May Club meeting we had Coffee and Donuts at Recreation Park in Auburn. Great turnout again for this traditional Club event and everyone had a great time socializing, enjoyed great coffee prepared by our President Jeff, KM6RGO, and feasting on fresh donuts of many varieties prepared by the local Safeway. People were having so much fun they stayed around for some time, and the event ran well into mid-morning. I really enjoyed my conversations with those of you who attended.

A reminder: Field Day is coming up on the last weekend of June and there is much to do. It is one of the biggest events of the year for SFARC and the Club needs your help for it really takes a "village" to put this event on. Please attend the next Field Day planning meeting and look for an area you would like to get involved with, area to help out. It would be very much appreciated, and fun and rewarding too.

Our next Club meeting will be Friday June 9. Jeff, KM6RGO, and Jon, KI6RT, will be briefing us on Field Day 2023 preparations. And Greg, KO6TH, and I are looking for a Mystery Shack presentation too for that evening. Another fun and rewarding way to share your creativity in building your HAM shack with your fellow Club members. If you are interested, please contact Greg, KO6TH, directly, his contact info is in the Club Roster.



73,  
Greydon (KC6SLE)  
*Sierra Foothills Amateur Radio Club | Vice President*

# WHAT EXACTLY IS FIELD DAY?

*Courtesy of the NationalToday.com website*

Maybe you're new to amateur radio and have heard a bit about Field Day but don't know how it works. ARRL Field Day on the fourth full weekend of June every year is the opportunity for thousands of amateur radio enthusiasts throughout the U.S and Canada to set up temporary communications stations and make contact with like-minded people. Licensed radio operators spend the weekend practicing community outreach, emergency preparedness, and technical skills. It's basically radio heaven.



The contest is held each year with individuals, clubs, and teams trying to make contact with as many stations as possible over 24 hours. Field Day will take place on June 24 and June 25 with over thousands of people expected to take part. It begins at 18:00 UTC Saturday and runs through 20:59 UTC Sunday. Pack your camping equipment, throw up some temporary antennas, and spin the dials on your radio, because this not-to-be-missed event is rich in history, tradition, and technology.

The first ARRL Field Day was held on the second Saturday in June 1933. The winner of the contest was the W4PAW team who scored 1876 points. The initial event, organized by F. E Handy, was such a hit with the amateur radio community that it became an annual tradition, with 1942 through to 1945 being the only years that Field Day hasn't been held, due to World War II.

For many, the big draw of Field Day is the competition—a high-frequency dash to make contact with as many stations as possible. The rules state that if setup commences before the contest starts then participants have 24 hours to chase their contacts, whereas those who commenced set up as the contest started have 27 hours. In 1968 the rules were changed and it became mandatory for everyone to set up within the 27-hour timeframe, but the change proved unpopular and it was readjusted again in 1969 to the rules that are used today.

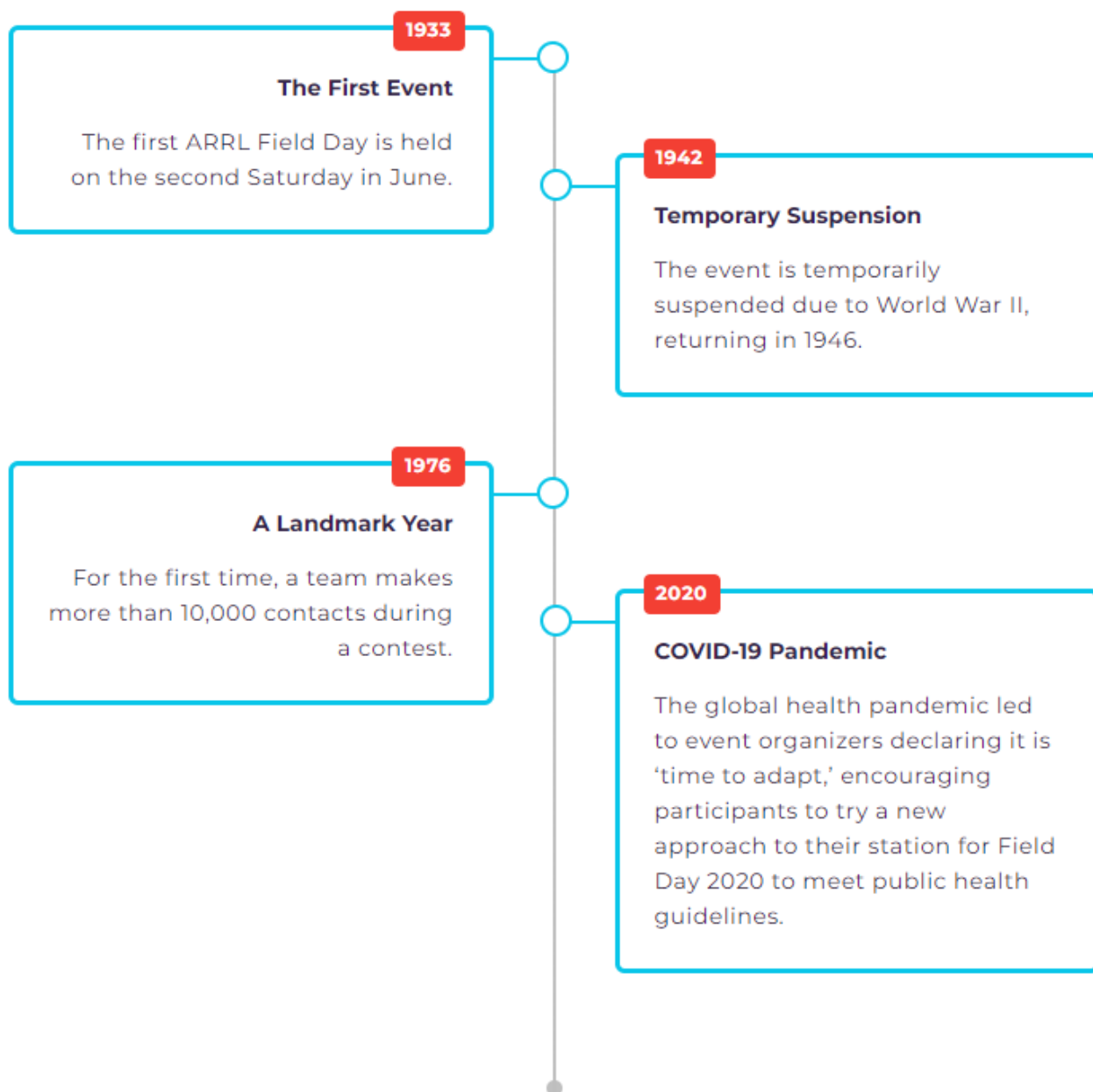
Each station will exchange information with other participating stations. For the North American Field Day, the exchange consists of the station call sign; the name of the ARRL-recognized section from which the station is operating (called Grid Square); and a class designator which indicates the type of location (whether in a vehicle, outdoors, or in a home), the number of people operating and number of transmitters being used, plus information about the type of electrical power source connected to (conventional or emergency sources like batteries, solar, generator, wind, etc.). The event is now widely sponsored by the International Amateur Radio Union (IARU) and has begun to spread its wings overseas in many countries.

The contest portion of Field Day has two purposes: The primary purpose is to test the group's ability to plan operations that can be effective for an entire twenty-four-hour period, including operator

endurance and adequate numbers of operators for a shift operation. The secondary purpose is to demonstrate the technical proficiency of the station that has been quickly constructed for the contacts: In theory, a better station will be capable of emergency operations in dire conditions; such a station will also be capable of making more contacts during the contest portion of Field Day. Point systems are structured to motivate emergency preparedness activities, such as designating a safety officer for the station or incorporating auxiliary power capabilities.

Although many amateur radio enthusiasts work hard to win the contest in their entry category, the social side of the event has grown over the years too. Camping and cookouts are commonplace, with those operating the radios in rotating shifts to keep the stations on the air.

Field Day is frequently used to attract significant publicity for amateur radio, and some clubs simultaneously demonstrate technologies including single-sideband voice, Morse code, older and new digital modes alike (such as RTTY, PSK31, and FT8, among others), and even two-way communication via amateur radio satellite.



## NEW MEMBERS WELCOME

Please help us welcome our newest members voted on at the May general club meeting:

**Timothy Johnson (W6YGO), Frederick LeBanc (KN6ZQL), and Richard Delgado (K6HNT)**



## MEMBERS FOR CONSIDERATION

Please review the following names of applicants for membership at the Sierra Foothills Amateur Radio Club. The following pending members will be voted on at the general meeting on June 8th, 2023.

**Steven Sanderson (W6VDP)**  
**Andrew Grundman (W6WWR)**  
**Michael Grundman (KN6ZGY)**

**Brian Fulkerson (KM6MDM)**  
**Todd Glass (KN6TUH)**  
**Kenneth Thomas (N6KEN)**

# SFARC BOARD MEETING (ZOOM)

May 12, 2023

**Called to order:** 1802 PST

Approve Board minutes - **accepted** as submitted

## **Officers Present:**

President- Jeff Morgan, KM6RGO

Vice-President- Greydon Hicks, KC6SLE

Secretary- Dave McBrayer, N6OJJ

Treasurer- Rob Newburn, KM6YKX

Director- Smitty, WB1G

Director- Joe, K6SAT

Director- Jon, KI6RT

Also present: Brian, AI6US; Jim, WA8MPA; Clyde AB4CC.

introductions around

Quorum: minimum 1 Director + 4 Officers - **MET**

## **DIRECTOR REPORTS**

Jon KI6RT - Doug KE6MXV to run the fox hunt for May

Joe K6SAT - Canyons Endurance Run has \$300 donation to SFARC Repeater Fund.

## **COMMITTEE CHAIR REPORTS**

- **Repeater (Station Trustee)** - Clyde AB4CC - to test out high power amp, connect 440 to 'wires-x'.
- **Greeter/Sunshine** – Pam, KN6GTK - not present
- **Newsletter** - Jeff KM6RGO - Jim KD7G no longer the editor, **new editor needed**.
- **Webmaster / Social media / PIO** - Smitty WB1G – website - had an order processing issue-fixed with updates. Smitty to send out Club's Field Day activity information.
- **Groups.io** - Dennis WU6X - 291 members.
- **Membership** - John, KK6IYW - not present (by Jeff KM6RGO) - 253 on roster with 4 more in process.
- **VE exams** - Brian AI6US - May 1 had 4 candidates, 5 elements, all pass; Next exams: June 5th & at Field Day.
- **Volunteer Events Coordinator** - Chip, KM6MDF - not present
- **Contests** - Dennis WU6X - had 4 QSO parties; June 10-11 contest.
- **Drawing** - chair position open.
- **Refreshments** - Mark Koehler W2MWK - not present
- **Nomination Committee** - Jeff KM6RGO - no progress.
- **HamFest 2023** - Rob KM6YKX - Accounting is complete, Orion AI6JB will write it up.



- **Field Day 2023** - Jeff KM6RGO - [sub-group.io](http://sub-group.io) set up, need more volunteers. Next meeting on Zoom, May 18, at 1800.
- **Picnic/BBQ Smoke Off 2023** (Sept 16) - chair: Smitty WB1G
- **Hot RF Nites (Aug 11)** - need chair - Greydon KC6SLE will create a job description.

### **OLD BUSINESS**

VE accounting - open an additional Square account,

Sub committee: Rob KM6YKX, Jeff KM6RGO, Smitty WB1G to complete.

Elmer/Mentoring: Smitty WB1G, will meet with Greydon KC6SLE,

Jeff KM6RGO to develop the first of several Amateur radio flyers.

Freq Plan: SFARC club usage frequencies only.

### **NEW BUSINESS**

What are club sponsored nets/events? submitted by Gerry. Discussion.

AV Team - Smitty WB1G, will backup Orion AI6JB, for club meetings.

Paul KE6MXV, will backup Brian AI6US for club meetings.

### **EVENTS/UPCOMING**

Monthly Breakfast - May 27, 0730. Mel's Dinner, Hi-way 49 at Luther Road

Coffee & Doughnuts - May 13, 0730. Auburn, Recreation Park.

Hams in the Hills - May 13, 0730.

RDF (Fox Hunt) - May 27 - Doug KE6MXV will lead

CERA - June 10

Field Day - June 23-25, campout/picnic-style at Georgetown Airport

**Adjourn:** 1919

# SFARC GENERAL MEETING MINUTES

May 13, 2023

President Jeff (KM6RGO) welcomed individuals to the meeting in person and via ZOOM.

The meeting was called to order at 7:30pm by President Jeff KM6RGO who opened the meeting by leading the Pledge of Allegiance.

Board members present: President- Jeff KM6RGO, Vice-President- Greydon KC6SLE, Treasurer- Rob KM6YKX, secretary- Dave N6OJJ, Director- Joe K6SAT. Director Jon KI6RT, Director Smitty WB1G

## Club Business

2 Board members confirm Quorum for Business session: Rob KM6YKX Smitty WB1G confirmed member quorum present in person. Quorum **MET**.

April General meeting minutes were accepted as amended.

New Members (3) applications to be voted in: Timothy Johnson W6YGO, Frederick LeBanc KN6ZQL, Richard Delgado K6HNT

Program 1: The Amazing JWST Telescope by Barri Babow NW6Q

Committee Chair Reports: Due to the length of time of the excellent presentation, Committee Reports were not delivered.

## Drawing:

Grand Prize PUTIKEEG Morse Code Keyer  
Burgers and Cream \$10 Gift card Carol KP4MD

**Meeting adjourned:** 2114

# SPECIAL THANKS

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**Dennis H. Gregory**  
Instructor/Technician

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## SACRAMENTO RADIO EXPO



**Doug Wilner**  
916.769.5016

4343 Marconi Ave. Ste. #2  
Sacramento, CA 95821

[sacramentoradioexpo.com](http://sacramentoradioexpo.com)