



JULY 2023 Volume 44, Number 7

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President's message,

Zack, KI6KQO

Next General Meeting: Face-to-face: Tuesday, July 18th 7:00pm

From the desk of *The Readout* editor John Otte, K6JRO

Welcome to another edition of The Readout!

July is here and with it comes the heat. Please take the proper cautions over the next few weeks as temperatures are expected to be in the triple digits. Additionally, our club meeting this week is extremely important so, please consider attending.

If you have any suggestions for articles or if you would like to publish an article, please reach out to me at k6jro@arrl.net.

73 de John, K6JRO

A Message from the Club Acting President Zack Pelham, KI6KQO

Members,

In case you were not aware, Everett NQ6C, resigned his position as President on June 20th effective immediately. Since that time, I have assumed his duties for the club. At the next in-person meeting there will be a vote to elect a new President for the remainder of 2023 per the By Laws.

I want to thank everyone who participated in Field Day 2023. The time was well spent with radios, food, and most of all friends. No one person can make field day what it was, it was an effort from many people. A big thank you to all who pitched in to make it a success. A big thank you to the members that donated prizes for our drawing Saturday evening. I think the weekend was time enjoyed by all who attended.

Come on out and join us for the next meeting on July 18th-7pm and vote for a new President.

73, Zack, KI6KQO Vice President

Minutes:

JUN face-to-face meeting

Write for *The Readout*;

If anyone has information that they want included in *The Readout* please submit to the editor

k6iro@arrl.net.

Please try and have the information or articles to the editor by the 30th of each month.

Joining SARA:

We are taking membership applications for 2023. One-year dues are \$30.00 for individuals, or \$45.00 for a family. To join, fill out the registration form in this newsletter and bring it to any SARA meeting.

Minutes from June face-to-face meeting

Stanislaus Amateur Radio Association P.O. Box 4601 Modesto, CA 95352

www.saraclub.net

June 20, 2023

Club Meeting Minutes (Meeting held at 3705 Oakdale Road Modesto, CA)

Attendance (via sign in sheet)

Randy, KF6RJS John, W6PY Scott, KN600V Richard, W6DU Cheryl, KK6GJM Charles, AA6YV Paul, W6UHF John, K6JRO Roy, KK60QP Scott, KN6RKY Paul, W6UHF Ed, KF6FIR Jason, KA6TIO Robert, KD6BNY Gary, W6UXA Bill, AE6J Paul, KN6YHY Robin, KG6ZYQ William, KN6DAM Eva, KM6BIP Michael, AG6JX Scott, N6CIC Zack, KI6KQO Bobby, KN6SDD Robbie, KN6VOG Mel, W7EOV Russell, KM6GUJ Guest Richard, W8AAL Arthur, KN6SSP Terry, KJ6DXT Guest Vicki, KJ6RCV Lucian, KF6NPG John, KG6PEP Guest Herb, W9CMX

Vice President Zack, KI6KQO, called the meeting to order at 7:00 pm and welcomed everyone. There were 31 members, and three guests according to the sign-in sheet. Zack had everyone introduce themselves and Vicki, KJ6RCV led the pledge of allegiance. Zack announced that President Everett NQ6C, has resigned for personal reasons.

Reading of Minutes Secretary Scott, N6CIC

The minutes had been e-mailed out to the membership prior to the meeting. There were no corrections or questions about the minutes. Motion by Lucian, KF6NPG and second by Dick, W8AAL to approve the minutes. The motion was passed without opposition.

Treasurer Scott, KN6RKY

Scott read the current treasurer's report and a copy is attached to the minutes and will be included in the next READOUT. He mentioned that the new LiPo battery has been installed (see Equipment Report below). Bill, AE6J made a motion to accept the report. The motion was seconded by Randy, KF6RJS, and it passed without opposition.

Sergeant at Arms Vicki, KJ6RCV

Vicki said there were cookies, water, and coffee available during the break. She said there would be a 50/50 split the pot for tonight's meeting at the break and there would also be raffle items.

Board Members: Jason, KA6TIO, Randy, KF6RJS, Richard, W8AAL, and Bobby, KN6SDD were present. They had no reports, except for a weather update by Randy, KF6RJS.

Equipment/Mt Oso: Club Trustee Leroy, NV6S and Club Technician Patrick, KG6AZZ were not present.

Lucian, KF6NPY reported on a trip to Mt. Oso to install the new LiPo battery. Along with Lucian, Mark, N6ARP, Scott, KN6RKY, and Patrick, KG6AZZ went on the trip. The remaining lead acid batteries are still in good

condition and the shack is in decent shape. PG&E is scheduling a shutdown, but we do not know when. The 440 repeater was reset, but Fusion did not come on and will have to be reprogrammed. The Elias, KN6GZW Eagle Scout project is looking good for the first part of August.

ARES: Paul, W6UHF

ARES is doing training in the preparation of instant action plans and looking into using Slow Scan TV (SSTV).

Community Events: Lucian, KF6NPG reported he is monitoring whether the August 4 Warnerville Time Trial will take place. The Regalado Road Race on June 4 in Oakdale went very well. Eight operators from the club assisted: Lucian, KF6NPG, Mark, N6ARP, Scott, KN6RKY, Steve, N5QC, Dick, W8AAL, Paul, W6UHF, Ed, KF6FIR, and Robert, KD6BNY. Thanks to them for an exceptionally good showing.

Break:

There was a 15-minute break.

Raffle/Split the Pot: Vicki, KJ6RCV

Vicki collected \$162.00 for the split-the-pot raffle. Robert, KD6BNY was the winner, and he also won the raffle for five ARRL coffee cups. Scott, KN6OOV won the Field Day hat, and Zack, KI6KQO won the keyboard donated by Richard, WE6V

Presentation Lucian, KF6NPG- Silent Key Bob Pinheiro, WA6ZLO: Bob was a founding member of the SARA Club in 1976. He was a deputy sheriff, and he designed the SARA Club logo. In 1997 Ed, KF6FIR presented Bob with a Lifetime SARA Club membership. Bob was also the editor of the Readout. He was a superb negotiator and was instrumental in getting permission from the property owners for the club to construct a repeater shack on Mt. Oso.

The Club held a moment of silence in memory of Bob.

Presentation on Field Day John, K6JRO:

Field Day was started by the ARRL in 1933, interrupted only by World War II. Stations were originally to be located within a 100 ft perimeter, but this was later expanded to 1000 ft. One radio is allowed per mode per band, except for a GoTo station. We are using the call W6ERE, the call of one of the founders of the SARA Club-Cliff Price. With seven stations our exchange will be 7AlphaSJV.

Band Plan: 80M-Ed, KF6FIR 40M-Paul, W6UHF 20M-Scott, N6CIC 15M-Bobby, KN6SDD 10M-Vicki, KJ6RCV 6M-Jason, KA6TIO CW-Gene, W6QFU

Zack, KI6KQO will be a safety officer. Jason, KA6TIO is preparing log sheets for the above band plan. There will be a potluck barbecue on Saturday evening. Please bring a side dish or dessert. Zack inquired how many plan to attend and 13 members raised their hands.

Old Business: none

New Business: none

Meeting Adjourned: Randy, KF6RJS made a motion to adjourn, Scott, N6CIC seconded, and Zack, KI6KQO adjourned the meeting at 8:10 PM. The next meeting will be on Tuesday, July 18, 2023 (7:00pm to 8:00pm) and will be a face-to-face meeting. The location is the Stanislaus County Office of Emergency Services, 3705 Oakdale Road, Modesto, CA.

Minutes by Scott, N6CIC, Club Secretary

Club Raffle, Zack, KI6KQO

July Club Meeting Raffle Items

The radio and accessories will be the raffle fundraiser item at the next meeting: **2 Meter desktop and /or portable event station**

The station includes:

Icom IC-2000 2-meter radio (power level 5, 10, or 50 watts) and a 20-amp Astron power supply. You can add up to 50 programmed channels. The radio is mounted on a cutting board and comes with 13 programmed local channels, including the national call channel. Included is a tram 2meter/440 mag mount antenna and a 12-volt 14ah AGM deep cycle battery for portable deployment. The battery can be charged with any 12-volt charger. A CENTECH battery charger is included. The power cords and the battery are equipped with Anderson power poles. The instruction manual can be downloaded at https://www.icomjapan.com/support/manual/2768/

The radio and power supply were donated by a friend of Ernie, W5NH. The power poles, battery, battery charger, and antenna were donated by Lucian, KF6NPG.

Icom IC-2000





















Treasure's Report,

Scott, KN6RKY

Treasure report from the June meeting



STANISLAUS AMATEUR RADIO ASSOCIATION

P.O.BOX 4601, MODESTO, CA 95352-4601

www.saraclub.net
Treasury Report June 20, 2023 5-17-23 to 6-20-23

BEGINNING BALANCE: \$8,853.68 (Ending Balance \$8,454.58**) Bills Paid: Moeller Mt. Oso \$ 80.00 (Ck #1140) — June Site Rent (6-1-23) PG & E \$ 62.89 (debit card) — Mt. Oso Utilities (6-13-23) Amazon.com \$ 210.04 (debit card) — Field Day Prizes (5-27-23) Dragon Fly Energy \$ 898.22 (debit card) — 100AH Battle Born LiFePo Battery (6-7-22) Enom, Inc. \$ 49.95 (debit card) — SARA Club domain name renewal (6-13-3-10) INCOME: Dues \$ 120.00 Split the Pot Donations \$ 145.00 Scott (KN6OOV) — donated his half back to the clut Donations \$ 80.00 Scott (KN6GZW) Eagle Scout Project on Mt. Oso Thank You to all donors \$ 80.00 Scott (KN6OOV) & Richard (WE6V) Total: \$ 910.00 DEPOSITS: Tri-Counties Bank \$ 910.00 (6-16-23) Field Day Fund: Equipment Fund \$ 619.15 (included in account balance) \$ 2,216.01 (included in account balance) ***TRI COUNTIES BANK - ENDING BALANCE: \$ 8,454.58 as of 6-20-23 Treasurer June 20, 2023 ***TRI COUNTIES BANK - ENDING BALANCE: \$ 8,454.58 as of 6-20-23 ***TRI COUNTIES BANK - ENDING BALANCE: \$ 8,454.58 as of 6-20-23 ***TRI COUNTIES BANK - ENDING BALANCE: \$ 8,454.58 as of 6-20-23 ***TRI COUNTIES BANK - ENDING BALANCE: \$ 8,454.58 as of 6-20-23 ***TRI COUNTIES BANK - ENDING BALANCE: ***TRI COUNTIES BANK - ENDING BALANCE: \$ 8,454.58 as of 6-20-23 ***TRI COUNTIES BANK - ENDING BALANCE: ***TRI COUNTIES BANK - ENDI	Change			
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Includes \$565 earmarked specifically for Elias (KN6GZW) Eagle Scout Project – Mt. Oso				

ARES

John, K6JRO Emergency Coordinator, Stanislaus County

Stanislaus County ARES Report

ARES met on Saturday July 8th at the Stanislaus County Office of Emergency Services (OES). Officer reports were given. Our training on Slow Scan TV (SSTV) was provided by Ed, KF6FIR. Ed reacquainted us with the HF side of SSTV. Ed also showed us a video demonstration of SSTV with just a phone app and 2m handheld.

Our next ARES meeting is tentatively scheduled for Saturday, August 5th. Also scheduled for that day is the Warnerville Time Trial which is also tentative. If the Time Trial is held then the ARES meeting for AUG will be canceled. Please check-in to the Wednesday ARES net for more information.

As always, if you have packet capability, please consider checking into the ARES WinLink Wednesday net on the 4th Wednesday of the month. This consist of sending in a WinLink forms to Lucian, KF6NPG. If you are new to packet and would like to start checking into the WinLink Wednesday Net, please contact Lucian. We also have a VHF simplex net on the first Wednesday of the month immediately following the ARES net.

John Otte, K6JRO Emergency Coordinator, Stanislaus Co. K6JRO@arrl.net



ARES® operates under the authority of the Stanislaus County Office of Emergency Services (OES), and the Stanislaus County Assistant Director for OES. ARES® is organized under the auspices of the American Radio Relay League, the San Joaquin Valley Section Manager, and the San Joaquin Valley Section District Emergency Coordinator. Operational control is under the Stanislaus County OES.

If you are interested in joining Stanislaus ARES, go to the Stanislaus ARES website (www.stanares.org) and click on the Join ARES tab. There is formation on how to join and the membership forms to complete are available there. Please check in on the ARES voice radio net very Wednesday at 7:30 pm on



the 145.390 – pl. 136.5 S.A.R.A. repeater. There is also an unproto Packet radio net during the voice net on 144.910 via the SARA node. The monthly training meeting is at 10:00am on the first Saturday of the month at 3705 Oakdale Road Modesto, CA. Meeting dates and times can change due to operational needs. Please check the web site for updates.

Ham Cram John, K6JRO Ham Cram coordinator

Ham Cram Information

Due to low enrollment, the ARES organization will no longer be offering ham crams. Instead, we will offer material and guidance to anyone who wants to earn or upgrade their license. Information is available on the ARES webpage. Testing will be offered before the SARA club meeting at 6:00pm on the third Tuesday of the month.

If you have any questions, please email John Otte, K6JRO at k6jro@arrl.net.

ARRL EC-001 course

ARRL EC-001 Emergency Communications Course

If you need to take the ARRL Emergency Communications Course (EC-001) Stanislaus ARES can help. The EC-001 workbook is out of print, however The Indian River County ARES has all of the study information (including test and answers) posted on their web site. Recent amateurs who have taken the test have printed out the test questions and answers and have studied like they would for a ham cram. Pass rate has been about 100 percent.

The ARRL has updated this course. There are some content differences, however members who have used this to prepare for the challenge exam have been successful.

Here is the web site to study for the ARRL Introduction to Emergency Communications Course challenge examination (EC-001):

Go to www.ircares.org This is the web site for the Indian River County ARES. Once you are on the web site click on the training and reference tab. Then click on the ARRL Introduction to Emergency Communications (EC-001) tab. That will take you to the course information.

Once you complete this on-line study you can arrange with Stanislaus ARES to take the ARRL test. We generally give the test at a ham cram session or before or after the monthly ARES meeting. Please e-mail Lucian, KF6NPG at kf6npg@aol.com or John, K6JRO at k6jro@arrl.net to arrange to take the test. **There is a \$15.00 test administration fee payable to ARRL.**

You can also access the updated ARRL EC-001 course at the ARRL website. Go to www.arrl.org. Once there click on the licensing, education and training tab. Then click on the online course catalog tab and



look for the EC-001 course. It states that it takes about 45 hours to complete the course over 9 weeks. Once you complete the ARRL course you can take the exam online. From what I can see there is no charge to take the course or exam. You must take the course before you can take the exam.

You cannot take the challenge exam online.

Featured Article

Featured Article: Regalado Road Race

By Lucian, KF6NPG

Members of the Stanislaus Amateur Radio Association and Stanislaus ARES helped at the 2023 Regalado Road Race on Saturday June 4, 2023, 0700 to 1200. This race takes place in the Oakdale, CA area. The net control station is located at Burchell Nursery on Wamble Road. The course starts on Wanerville Road. The weather was nice, and the race concluded before it became too warm. There were around 200 riders that participated in the race. The race went well, and we only had 1 rider that required some minor first aid. We had a couple of riders that needed mechanical assistance. The following members helped with the race: Lucian, KF6NPG, Dick, W8AAL, Paul, W6UHF, Ed, KF6FIR, Robert, KD6BNY, Mark, N6ARP, Steve, N5QC, Patrick, KG6AZZ, and Scott, KN6RKY. Thanks to all of the operators who volunteered their time to work this event.



Net Control Station Lucian, KF6NPG



Net Control Station



Race Registration



Mark, N6ARP Alvarado/Stoddard



Riders at Alvarado/Stoddard



Patrick, KG6AZZ with riders at Bond Alvarado



Ed, KF6FIR with riders Claribel/Tim Bell



Scott, KN6RKY with riders at Ellenwood/Claribel



Dick, W8AAL with riders at Feed Zone



Feed Zone



Steve, N5QC at Stoddard/Warnerville



Riders Stoddard/Warnerville



Paul, W6UHF at Tim Bell/Warnerville



Riders at Tim Bell/Warnerville



Road Hazard Tim Bell/Warnerville



Road Hazard at Feed Zone

Swap Shop

Swap Shop: Ham Radio related equipment for sale

The following items are for sale from Zack, KI6KQO: Yaesu FT-70DR 2m/70 cm HT. \$130
Anytone 778UV 2m/70 cm Mobile \$80
Icom 2300H 2M mobile \$140.00
If interested please contact Zack, KI6KQO (209)613-9640

Community Events

Community Events:

July

Saturday 8th ARES Meeting 10a-12p Tuesday 18th SARA Meeting 7p-8p

August

Saturday 5th ARES Meeting 10a-12p Saturday 5th Warnerville Time Trial 7a-12pm Willms Road East of Oakdale, near Knights Ferry need 5 operators Tuesday 15th SARA Meeting 7p-8p

September

Saturday 2nd ARES Meeting 10a-12p Saturday September 17th Walk to End Alzheimer's 8a-12p. 5 operators Tuesday 19th SARA Meeting 7p-8p

October

Saturday 14th ARES Meeting 10-12p Friday-Sunday (13, 14, 15) Pacificon San Ramon Marriot Tuesday 17th SARA Meeting 7p-8p

November

Saturday 4th ARES Meeting 10a-12p Tuesday 21st SARA Meeting 7p-8p

December

Saturday 2nd ARES meeting 10a-12p Tuesday 19th SARA meeting 7p-8p







Local Nets

Local Nets:



S.A.R.A. operates several repeaters. These are located on Mt. Oso in Patterson, CA: 145.390 - pl 136.5 224.140 - pl 136.5 440.225 +pl 136.5 51.800 - pl 136.5

- Digital node 144.910, digipeater name "SARA".
- 145.110 pl 136.5 is a low-level repeater located in Modesto, CA.

All SARA nets meet on the 145.390 – pl 136.5 repeater except where noted. SARA Club net is every Tuesday (except the 3rd Tuesday) at 7:30pm.

The morning traffic and information net meets Monday through Friday from 7:00am to about 8:00am.

The Geezer net (It is not about age; it is all about attitude) meets each weekday morning 9:00am to 9:30am.

The Ladies Chit Chat net every Monday at 8:00pm for YL's.

The Stanislaus County ARES net meets every Wednesday at 7:30pm. The Space net meets every Friday at 8:00pm

S.A.R.A. meets the Third Tuesday of every month at 7:00pm at 3705 Oakdale Road Modesto, CA 95357. The club website is www.saraclub.net .

The Stanislaus County ARES generally meets the First Saturday of the month at 10:00am at 3705 Oakdale Road Modesto, CA 95357. Meetings can be changed due to training requirements please check the web site for current information. The web site is www.stanares.org.

Turlock Amateur Radio Club (W6BXN) weekly club net meets every Tuesday (except the 2nd Tuesday) at 7:00pm on 147.030 + pl 100 or 447.700 + pl 94.8.

TARC meets the second Tuesday at 7:00pm at the Salvation Army 893 Lander, Turlock, CA.

Merced ARES has a weekly net on Mondays at 7:00pm on the TARC repeaters. They have a monthly meeting the third Wednesday at 6:00pm at The Pizza Factory 3146 G Street #147 Merced, CA 95340.

San Joaquin Valley Section ARES Net every Sunday at 7:00 pm on the TARC repeaters.

TARC web site is www.w6bxn.org and Merced ARES is www.mercedares.org .

Officers and Board Member

2023 SARA Club Officers and Board Members

Officers:

President: OPEN

Vice President: Zach Pelham, KI6KQOzsp1919@icloud.comSecretary: Scott Griffin, N6CICscottandalene@msn.comTreasurer: Scott Johnson, KN6RKYsliefjohnson@gmail.comSergeant at Arms: Vicki Peitz, KJ6RCVvptigger@gmail.com

Board Members:

Jason Peitz, KA6TIO ka6tio@gmail.com
Richard Aal, W8AAL dick_aal@comcast.net
Bobby Hale, KN6SDD kn6sdd92@gmail.com
Randy Spindler, KF6RJS (past president), kf6rjs@yahoo.com



Committees/Workgroups:

Club Technician: Patrick Dunbar, KG6AZZ patd@kg6azz.net Readout Editor: John Otte, K6JRO k6jro@arrl.net kf6npg@aol.com

Stanislaus County ARES:

Emergency Coordinator: John Otte, K6JRO k6jro@arrl.net

Nominations are held every November with elections in December





Local Area Frequencies

Name Frequency Off set Tx Tone Description VHF Call 146.520 none none VHF Simplex VHF Local 147.540 none none Local VHF Simplex SARA Hi 145.390 - (negative) 136.5 SARA VHF Downtown Modesto MMC 145.110 - (negative) 156.7 Memorial Hospital Modesto MMC 147.030 + (positive) 100.0 Turlock Amateur Radio Club Mt. Bullion TARC 147.000 + (positive) 100.0 Turlock Amateur Radio Club Turtle Dome Yosemite National Park CARS 145.170 - (negative) 100.0 Calaveras Amateur Radio Club Turtle Dome Yosemite National Park Lodi 147.090 + (positive) 107.2 Stockton Delta ARC Sierra Nevada Mountains Lodi 147.090 + (positive) 114.8 Lodi Amateur Radio Club Manteca Water Tower TCARES 145.290 - (negative) 100.0 Manteca Amateur Radio Club Manteca Water Tower TUHF Call 446.000 No offset No tone UHF simplex			1	Local 7 (i ca i	
VHF Local 147.540 none none Local VHF Simplex SARA Hi 145.390 - (negative) 136.5 SARA VHF Mt. Oso SARA Lo 145.110 - (negative) 136.5 SARA VHF Downtown Modesto MMC 146.355 + (positive) 156.7 Memorial Hospital Modesto TARC 147.030 + (positive) 100.0 Turlock Amateur Radio Club Mt. Bullion TARC 147.000 + (positive) 100.0 Turlock Amateur Radio Club Turtle Dome Yosemite National Park CARS 145.170 - (negative) 100.0 Calaveras Amateur Radio Society Fowler Peak Stockton 147.165 + (positive) 114.8 Lodi Amateur Radio Club Manteca 146.985 - (negative) 100.0 Manteca Amateur Radio Club Manteca Water Tower TCARES 145.290 - (negative) 100.0 Tuolumne County Amateur Radio and Electronics Society Moccasin UHF Call 446.000 No offset No tone UHF simplex SARA 440.225 + (positive) 136.5 SARA UHF Mt. Oso	Name	Frequency	Off set	Tx Tone	Description
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	Stockton	442.250	+ (positive)	107.2	Stockton Delta ARC Sierra Nevada Mountains
TARC 224.960 - (negative) 156.7 Turlock Amateur Radio Club 220 Mt. Bullion	SARA	224.140	- (negative)	136.5	SARA 220 Mt. Oso
	TARC	224.960	- (negative)	156.7	Turlock Amateur Radio Club 220 Mt. Bullion

As of January 27, 2023

CARS vhf frequency corrected, and Lodi added January 27, 2023

For further information please refer to each radio club's web site:

SARA www.saraclub.net TARC www.w6bxn.org CARS www.calaverasars.org

Stockton www.w6sf.org Manteca www.facebook.com/groups/k6man

TCARES www.tcares.net Lodi www.lodiarc.net

STANISLAUS AMATEUR RADIO ASSOCIATION (SARA) MEMBERSHIP FORM



Check One: New Member Renewi	ing Member Family Member	ship
NAME:	CALLSIGN:	
ADDRESS:		
ZIP: PHONE: Home	Cell:	
E-Mail:ADDITIONAL FAMILY MEMBERS	AT SAME ADDRESS:	
NAME:	CALL SIGN:	ARRL: (Yes) (No)
e-mail		
NAME:	CALL SIGN:	ARRL: (Yes) (No)
e-mail		
NAME:	CALL SIGN:	ARRL: (Yes) (No)
e-mail		
NAME:	CALL SIGN:	ARRL: (Yes) (No)
e-mail		
TOTAL DUES PAID: Date: Date: One-year membership dues are \$30.00 the same for all methods of payment.	(if paid by cash, check, or money	y order). Family Dues are \$45 and is
Note: Bring membership form to SAR 95352-4601 April 3, 2021	A Meeting or Mail to: SARA Clu	ub, P.O. Box 4601, Modesto, CA