



# THE **Readout** STANISLAUS AMATEUR RADIO ASSOCIATION

NOV 2022

Volume 43, Numbers 11

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## President's message, Randy, KF6RJS

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

Welcome to another edition of *The Readout*!

November is election month, and the SARA club needs your help! All five officer positions are open as are all three board member spots. Unfortunately, I will not be available for any position this year. As many of you know I teach college in the Bay Area and my colleges are finally starting to open from COVID which means starting Fall 2023 I will be going back to my normal schedule of teaching Tuesday/Thursday nights. However, I will stay on as the *Readout* editor. So, please consider a leadership position within the club. All you need is the passion and dedication to the hobby we all love.

73 de John, K6JRO

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## A Message from the Club President Randy Spindler, KF6RJS

I have no report this month. I hope that people will vote. We need new people for officers and board members. I had a great time doing something that I have never done. But I hope that someone will be president and VP and everything else. I will only be president again if no one steps up but, for the good of the club, I would rather someone else step up or there will be no club.

If you have any questions, feel free to email me at [kf6rjs@yahoo.com](mailto:kf6rjs@yahoo.com)

Thank You & 73's  
Your President Randy J. Spindler, KF6RJS.

Minutes: SEP  
face-to-face  
meeting

Next General  
Meeting:  
Face-to-face.  
Tuesday,  
November 15<sup>th</sup>  
7:00pm

Write for *The  
Readout*.

If anyone has  
information that  
they want included  
in *The Readout*  
please submit to the  
editor  
k6jro@arri.net.

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

## Minutes from October face-to-face meeting

**Stanislaus Amateur Radio Association**

**P.O. Box 4601 Modesto, CA 95352**

[www.saraclub.net](http://www.saraclub.net)

October 18, 2022

Club Meeting Minutes

(Conducted at 3705 Oakdale Road Modesto, CA)

Attendance (via sign in sheet)

Lucian, KF6NPG	Manuel, N6MTM	Randy, KF6RJS
Richard, W6DU	Cheryl, KK6GJM	John, W6PY
Robin, KG6ZYQ	Scott, N6CIC	Vicki, KJ6RCV
Tom, K6KQR	Scott, KN6RKY	Gary, WA6UXA
Rodney, KN6HWE	John, K6JRO	Robert, KD6BNY
Bill, AE6J	Scott, KN6OOV	Paul, W6UHF
Gene, W6QFU	Jason, KN6HAG	Elias, KN6GZW
Richard, W8AAL	Zack, KI6KQO	Robbie, KN6VOG
Visitor – Ed, K7ERD		

President Randy, KF6RJS called the meeting to order at 7:01 pm and welcomed everyone. There were 24 members and 1 visitor in attendance. Randy had everyone introduce themselves and Zack, KI6KQW led the pledge of allegiance.

### Reading of Minutes

The minutes were included in the READOUT and had been e-mailed out to the membership prior to the meeting. There were no additions or corrections. A motion was made by John, W6PY and second by Scott, KN6OOV to accept the minutes as printed in the READOUT. The motion was passed without opposition.

### President Randy, KF6RJS

Randy thanked everyone for attending tonight's meeting. He said Sarah was home and doing better. In her fall she suffered 7 broken ribs and a bruised lung. He asked for prayers for her and Mark WB6BJN.

### Vice President John, K6JRO

John said there would be a presentation on the California QSO party. He said there would be no presentations in November or December. In November there will be nominations for officers and board members. In December there will be elections for club officers and board members along with the Christmas treats brought in by club members. He said anyone interested in serving as a club officer or board member to contact him or any other club officer or board member.

### Treasurer Vicki, KJ6RCV

Vicki read the current treasurer's report and a copy is attached to the minutes and will be included in the next READOUT. There were no additions or corrections. Scott N6CIC made a motion to accept the report and Gary WA6UXA seconded. The motion passed without opposition.

### Sergeant at Arms Zack, KI6KQO

Zack said there was water and cookies and cupcakes on the back table for the break. He said there would be a raffle of a TID HT (similar to a Baofeng) programmed with local frequencies and includes a small mag mount

## Joining SARA:

*We are still taking membership applications for 2022.*

*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.*

antenna. There will also be a 50/50 split the pot. Both the raffle and split the pot benefit the equipment fund.

**Board Members: Scott, N6CIC and Richard, W8AAL were present. Everett, NQ6C and Wally, KK6CPN were absent.**

Scott had no report. Richard said that he attended Pacificon and had a good time. Lots of interesting presentations.

**Equipment/Mt Oso: Club Trustee Leroy, NV6S/Club Technician Patrick, KG6AZZ/Paul, W6UHF**

Leroy and Patrick were not present. Paul said everything was Status Quo.

**Ham Cram: John, K6JRO**

The next Ham Cram will be in February 2023. The Ham Cram is under evaluation to see if we will continue to offer one. Attendance has been low, and the Stockton Club offers one every month and usually conflicts with our dates in February and August.

**ARES: John, K6JRO**

John said the next ARES meeting will be November 5<sup>th</sup>. There will be a Great Shakeout earthquake drill on Thursday 10/20 at 1020am. John will be the net control. All are welcome to check in and ARES members are asked to submit a DYFI earthquake Winlink report. There will be another drill on Saturday 10/22 from 9a to 11am. All are welcome to check in and ARES members are asked to submit the DYFI report. This exercise includes all of the SJV section in conjunction with LAX, San Diego and Ventura sections. Lucian will be net control on that date.

**Community Events: Lucian, KF6NPG**

No other community events are scheduled for the rest of the year.

**Break:**

There was a 10-minute break.

**Raffle/Split the Pot: Zack, KI6KQO**

Zack conducted the raffle and split the pot. He collected \$100.00 for the split the pot. Scott, N6CIC won the pot of \$50.00. He donated that back to the equipment fund. Thanks Scott. Richard, W8AAL won the TD radio. \$85.00 raised for the equipment fund.

**Old Business:**

None

**New Business:**

None

**Presentation:**

Presentation by John, K6JRO on the California and North American QSO parties. Great presentation.

**Meeting Adjourned:**

The next SARA Club meeting is Tuesday, November 15, 2022 (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 Lucian KF6NPG, Club Secretary

Treasure's  
Report,  
Vicki, KJ6RCV

## Treasure report from the October meeting



### STANISLAUS AMATEUR RADIO ASSOCIATION

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

[www.saraclub.net](http://www.saraclub.net)

Treasury Report October 18, 2022

9-20-22 to 10-17-22

**BALANCE FORWARD:** \$6,705.84\*\* (Previous Balance \$6,983.53)

#### Bills Paid:

Everett Young	\$ 20.46 (Ck #1121 – Reimb. Mtg. Supplies 9-20-22)
Moeller Mt. Oso	\$ 80.00 (Ck #1122 – October Site Rent 10-1-22)
Mercer Consumer	\$ 373.70 (Ck #1123 – Renew Liability Insurance 10-10-22)
PG & E	\$ 5.53 (Ck #1124 – Mt. Oso Utilities less credits 10-10-22)
<b>Total:</b>	<b>\$479.69</b>

#### INCOME:

Split the Pot	\$ 102.00
Donation – KF6NPG ☺	\$ 100.00
<b>Total:</b>	<b>\$202.00</b>

#### DEPOSITS:

Tri-Counties Bank	\$ 202.00 (9-23-22)
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<b>Field Day Fund:</b>	<b>\$ 421.19 (included in account balance)</b>
<b>Equipment Fund</b>	<b>\$1,679.23 (included in account balance)</b>

**\*\* TRI COUNTIES BANK BALANCE: \$6,705.84 as of 10-17-22**

Treasurer

*Vicki Peitz*

October 18, 2022

#### 2022 Memberships – 69 Paid/Honorary to date

AA6YV, AE6J, K6JRO, K6KQR, K6SBO, K7RKU, KA6BYR, KA6TIO, KC6KSN, KD5QWC, KD6BNY, KE6QMS, KE6ULQ, KF6NPG, KF6RJS, KF6TEZ, KF6TSY, KG6AZZ, KG6ZYQ, KI6HOB, KI6KQO, KJ6EWD, KJ6MRG, KJ6RCV, KK6CPN, KK6GJM, KK6ILV, KK6OQP, KM6BIP, KM6JAG, KM6SIO, KM6VLJ, KN6GJL, KN6GZW, KN6HAG, KN6HWE, KN6KOD +1, KN6NQN, KN6OOV, KN6QBS, KN6RKY, KN6SCX, KN6SDB, KN6SDD, KN6TQX, N5QC, N6ARP, N6CIC, N6JCS, NK6M, NV6S, W5NH, W6DU, W6MUT, W6PV, W6PY, W6QFU, W6UHF, W6WEZ, W7EOV, W7LTM, W8AAL, WA6BFG, WA6KEC, WA6UXA, WA6ZLO, WB6BJN, WE6V

#### 2023 Membership – 5 Paid/Honorary - AE6J, KI6HOB, KM6SIO, NV6S, WA6ZLO

#### 2024 Membership – 3 Paid/Honorary - KI6HOB, NV6S, WA6ZLO

## ARES

John, K6JRO  
Emergency  
Coordinator,  
Stanislaus County

## Stanislaus County ARES Report



requirements.

On Saturday, November 5<sup>th</sup> ARES met to practice our Winlink capabilities for the Stanislaus County Hospital Drill that occurred on Wednesday, November 9<sup>th</sup>. I would like to thank Lucian, KF6NPG for conducting the training and organizing the drill. December will be our "all hands-on deck" meeting. So, if you are an ARES member, this will be the meeting to attend. We will be addressing the new certification levels as well as training and

As always, if you have packet capability, please consider checking into the ARES WinLink Wednesday net. 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@arri.net](mailto:K6JRO@arri.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](http://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

## ARRL EC-001 course

## Ham Cram Information

The ARES organization is currently reviewing the necessity for future Ham Crams. Over the past 18-months attendance has been very low. This is in part due to Covid and because the Stockton Club has ham cram every month. A decision will be made this month regarding the future of our Ham Crams.



### Next Ham Cram

February 2023 (tentatively)  
Office of Emergency Services  
3705 Oakdale Road, Modesto, CA

All registered individuals will need to bring the following:

- A valid identification, preferably CDL (California Driver's License)
- Cash or check for \$30 for the testing session, check preferred and made payable to Stanislaus Amateur Radio Association (SARA).
- If you are upgrading your license, please bring a copy of your current license as well as the ORIGINAL.

### Sign Up

Please fill out the registration at [www.stanares.org/ham-cram](http://www.stanares.org/ham-cram)

If you have any questions, please email John Otte, K6JRO at [k6jro@arrl.net](mailto:k6jro@arrl.net).

## 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](http://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](mailto:kf6npg@aol.com) or John, K6JRO at [k6jro@arrl.net](mailto:k6jro@arrl.net) to arrange to take the test.

***There is a \$15.00 test administration fee payable to ARRL.***

## Featured Article

You can also access the updated ARRL EC-001 course at the ARRL website. Go to [www.arrl.org](http://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.



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You cannot take the challenge exam online.

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## Featured Article: *Etiquette in Amateur Radio*

By Elizabeth Klinc, KE8FMJ

Whether you have a brand-new license, haven't been active in a long time, or just need a little refresher, it is understandable that getting on the air can be intimidating if you don't remember all the rules for good operating.

### Repeater Etiquette

Take the time to listen to the repeaters. This is helpful in knowing if the repeater is occupied, and it provides an opportunity to learn from other operators. Speak like you were talking to someone face to face. Key the microphone and then start to talk. Don't start speaking as you key the microphone. Repeaters have a short delay before transmitting. If you start speaking too soon, your first few words may not be heard. Make sure you have finished talking before you unkey the microphone. Give your call sign clearly and slowly. Use clear English and avoid jargon as much as possible.

Q-codes are really a Morse code shorthand. They have their place when voice communications are marginal. You should avoid falling into the habit of using cute phrases like "Roger Roger" or "QSL on that." Avoid phonetics unless you are asked to do so, like on a directed net. When using phonetics, make sure to use standard phonetics—"Alpha, Bravo, Charlie," etc.

If you are listening and would like to have a conversation, just transmit your call sign. You can add "monitoring" or "listening" if you feel it is necessary. Using the term "CQ" on a repeater is generally discouraged. When you wish to open communications on a frequency, listen for a while before talking, as there may be a conversation in progress. If you want to join a conversation already in progress, just state your call between transmissions rather than using the term "Break Break." The people conversing will acknowledge you and allow you into the conversation. If you want to talk to one particular person, say their call sign once or twice followed by your call sign.

If you have an emergency, give your call and say "Emergency" rather than using "Break Break." Saying "Emergency" will make it clear why you are interrupting and will also get more attention from those just listening. Make sure you ID (state your call sign) according to the rules but avoid over IDing.

If you are using a repeater system, the repeater has a timer so that it can ID every 10 minutes. Whenever you hear the repeater ID is a good time to send yours. There is no need to send your call sign then say "For ID." This is redundant; your call sign is your ID. It is also generally frowned upon to "kerchunk" a repeater. This means keying up your radio for just a moment so that the repeater transmits to hear the "courtesy beep" afterward. This is annoying to the repeater owners and control operators. If you want to make sure you are transmitting by the rules, give your call sign after transmitting.

From the Radio Amateur's Code (adapted from the original amateur's code written by Paul M. Segal in 1928) on the [ARRL website](#):

## **The Radio Amateur is...**

**Considerate:** He/She never knowingly operates in such a way as to lessen the pleasure of others.

**Loyal:** He/She offers loyalty, encouragement, and support to other amateurs, local clubs, the IARU Radio Society in his/her country, through which Amateur Radio in his/her country is represented nationally and internationally.

**Progressive:** He/She keeps his/her station up to date. It is well-built and efficient. His/Her operating practice is above reproach.

**Friendly:** He/She operates slowly and patiently when requested; offers friendly advice and counsel to the beginner; kind assistance, cooperation, and consideration for the interests of others. These are the marks of the amateur spirit.

**Balanced:** Radio is a hobby, never interfering with duties owed to family, job, school, or community.

**Patriotic:** His/Her station and skills are always ready for service to country and community.

## **Common Repeater Uses**

### **Signal Reports**

Any time you key up the repeater you should identify, even if you are just testing to see if you are making it in. It is sufficient to say "KE8FMJ testing." Do not use the repeater for tuning or aiming antennas, checking your transmitter power, etc. Use a dummy load where appropriate, or test on a simplex frequency. If you need someone to verify that you are making the repeater, ask for a signal report. "Can someone give me a signal report? KE8FMJ."

### **Roundtables and "Turning it Over"**

When more than two amateurs are in a QSO, it can be referred to as a "roundtable" discussion. Such a QSO usually goes in order from amateur A to amateur B to amateur C and eventually back to amateur A again to complete the roundtable. To keep everyone on the same page, when any one amateur is done making a transmission, they "turn it over" to the next station in sequence (or out of sequence, if so desired). Without turning it over to a particular station when there are multiple stations in the QSO, nobody knows who is supposed to go next. You end up with either dead silence or several stations talking at once. At the end of a transmission, turn it over to the next station by naming them or giving their callsign. An example would be "...Go



ahead Bob.” or “....Go ahead N8ADO.” If it has been close to 10 minutes, it’s a good time to identify at the same time as well, “...KE8FMJ, go ahead Bob.”

### Joining a QSO in Progress

If there is a conversation taking place which you would like to join, simply state your callsign when one user unkeys. The reason for having a courtesy tone is to allow other users to break into the conversation. One of the stations in QSO, usually the station that was about to begin a transmission, will invite you to join, usually before making their own transmission. Don’t interrupt a QSO unless you have something to add to the topic at hand. Interrupting a conversation is no more polite on a repeater than it is in person.

*Elizabeth Klinc, KE8FMJ, is Greene County, Ohio, Emergency Coordinator  
Reprinted with permission from On All Bands.*

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## Swap Shop: Ham Radio related equipment for sale

### The following equipment is available for sale from Jason, KA6TIO:

Tempo One 80-10 HF transceiver. Rated 100W output. Tempo power supply/speaker, Shure 444 microphone, SWR meter, manual, & cables included. Last time I tried to use it, no output. Maybe tubes? As is, \$150

Ten Tec Model 247 Antenna Tuner, 80-10 meters. \$50 (Buy it with the Tempo One, I’ll make you a deal.)

Yaesu FT-221R 2 meter All Mode Transceiver. S# 7 G100695 D VFO plus crystal controls. No PL’s. Approximately 12 watts output. 120VAC/12VDC input. Radio, hand microphone with DTMF keys, and manual included. In original box. \$200

Mirage B108 linear amplifier for 2 meters. 10 watts in 80 Watts out. FM and SSB. \$50.

Heathkit SA 2060A Antenna Tuner. 1.8-30 MHz Rated at 1500 watts. Roller inductors, with documentation. Asking \$300

Alinco DR-635T Dual band mobile radio. Cables, bracket, manual. Asking \$200

I have more stuff to part with, HF receiver, antennas, coax. Too much to list here. If interested, give me a call. Jason, KA6TIO 209-606-8441

If I don’t answer, please leave a message and I will return your call. I can always be contacted at a meeting too. 3rd Tuesday of the month, 1900 hrs, at the Stanislaus County EOC. 3705 Oakdale Road Modesto CA.

## Community Events

### Community Events:

#### November

Saturday 5<sup>th</sup> ARES Meeting 10a-12p

Tuesday 15<sup>th</sup> SARA Meeting 7p-8p

#### December

Saturday 3<sup>rd</sup> ARES meeting 10a-12p

Tuesday 20<sup>th</sup> 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 3<sup>rd</sup> 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](http://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](http://www.stanares.org).

Officers and Board  
Member

Turlock Amateur Radio Club (W6BXN) weekly club net meets every Tuesday (except the 2<sup>nd</sup> 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.

DMR round table net every Monday at 7:00pm on the TARC regional talk group. Brandmeister TG 310658 which is linked to the W6BXN DMR repeaters.

Merced ARES has a weekly net on Mondays at 8:00pm 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.

TARC web site is [www.w6bxn.org](http://www.w6bxn.org) and Merced ARES is [www.mercedares.org](http://www.mercedares.org).

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## 2022 SARA Club Officers and Board Members

### Officers:

President: Randy Spindler, KF6RJS

[kf6rjs@yahoo.com](mailto:kf6rjs@yahoo.com)

Vice President: John Otte, K6JRO

[k6jro@arrl.net](mailto:k6jro@arrl.net)

Secretary: Lucian Thomas, KF6NPG

[kf6npg@aol.com](mailto:kf6npg@aol.com)

Treasurer: Vicki Peitz, KJ6RCV

[vptigger@gmail.com](mailto:vptigger@gmail.com)

Sergeant at Arms: Zach Pelham, KI6KQO

[zsp1919@icloud.com](mailto:zsp1919@icloud.com)

### Board Members:

Scott Griffin, N6CIC

[scottandalene@msn.com](mailto:scottandalene@msn.com)

Richard Aal, W8AAL

[dick\\_aal@comcast.net](mailto:dick_aal@comcast.net)

Everett Young, NQ6C

[kn6nqn@gmail.com](mailto:kn6nqn@gmail.com)

Jim Walsh (past president), KK6CPN

[kk6cpn@yahoo.com](mailto:kk6cpn@yahoo.com)



### Committees/Workgroups:

Club Technician: Patrick Dunbar, KG6AZZ

[patd@kg6azz.net](mailto:patd@kg6azz.net)

Readout Editor: John Otte, K6JRO

[k6jro@arrl.net](mailto:k6jro@arrl.net)

Community Events: Lucian Thomas, KF6NPG

[kf6npg@aol.com](mailto:kf6npg@aol.com)

Stanislaus County ARES:

Emergency Coordinator: John Otte, K6JRO

[k6jro@arrl.net](mailto:k6jro@arrl.net)

**\*Nominations are held every November with elections in December\***

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### 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 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)	107.2	Stockton Delta ARC Sierra Nevada Mountains
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
TARC	444.700	+ (positive)	94.8	Turlock Amateur Radio Club Mt. Bullion
TARC	440.300	+ (positive)	94.8	Turlock Amateur Radio Club Kings Canyon Sequoia
CARS	441.0375	+ (positive)	151.4	Calaveras Amateur Radio Society Bear Valley
CARS	441.875	+ (positive)	100.0	Calaveras Amateur Radio Society Summit level Arnold
Stockton	442.250	+ (positive)	107.2	Stockton Delta ARC Sierra Nevada Mountains
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 August 9, 2022 CARS corrected

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

SARA [www.saraclub.net](http://www.saraclub.net)

TARC [www.w6bxn.org](http://www.w6bxn.org)

CARS [www.calaverasars.org](http://www.calaverasars.org)

Stockton [www.w6sf.org](http://www.w6sf.org)

Manteca [www.facebook.com/groups/k6man](https://www.facebook.com/groups/k6man)

TCARES [www.tcares.net](http://www.tcares.net)

## STANISLAUS AMATEUR RADIO ASSOCIATION (SARA) MEMBERSHIP FORM



Check One: New Member\_\_\_ Renewing Member\_\_\_ Family Membership\_\_\_

NAME: \_\_\_\_\_ CALLSIGN: \_\_\_\_\_  
ARRL Member:(Yes) (No)

ADDRESS: \_\_\_\_\_ CITY: \_\_\_\_\_

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: \_\_\_\_\_

One-year membership dues are \$30.00 (if paid by cash, check, or money order). Family Dues are \$45 and is the same for all methods of payment.

Note: Bring membership form to SARA Meeting or Mail to: SARA Club, P.O. Box 4601, Modesto, CA 95352-4601

April 3, 2021

