

#### SEP 2022

#### In This Issue

- From of the desk of the editor.
- President's message
- Minutes for AUG Face-to-face meeting
- Treasure report
- ARES report
- Ham Cram information
- ARRL EC-001
- Featured Article
- Swap Shop
- Community Events

President's message, Randy, KF6RJS



Volume 43, Numbers 9

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

Welcome to another edition of The Readout!

Historically, September has been National Preparedness Month to "raise awareness about the importance of preparing for disasters and emergencies that could happen at any time" (www.ready.gov). FEMA's theme for 2022 is: *The life you've built is worth protecting. Prepare for disasters to create a lasting legacy for you and your family* with particular attention to underserved communities. The summer heat In the San Joaquin Valley this year was record breaking. In the 27 years that I have lived here I do not recall a time where we had more consecutive days with temperatures over 100 degrees. The strain this causes on our energy grids results in rolling black/brown outs and this is where *your* personal and family preparedness is crucial. While this may seem like a moot point as we transition from summer to fall, being prepared now ensures greater success next year because these temperatures will return.

Also, there is a lot of information in the *Readout* this mouth in particular the call for next year's officers and board members. This is your club, and we cannot run it with out your help. Please help your club and consider a leadership position. Truth be told they are not difficult. All they need are passion and dedication to the hobby we all love.

73 de John, K6JRO

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

I hope everyone made it through this heat wave. Looking forward to some cooler weather and some rain soon. I hope to see everyone at the meeting.

If you have any questions, feel free to email me at kf6rjs@yahoo.com

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

Minutes: AUG						
face-to-face	Minutes from August face-to-face meeting					
meeting	Stanislaus Amateur Radio Association					
<b>.</b>	P.O. Box 4601 Modesto, CA 95352					
	www.saraclub.net					
	August 16, 2022					
	Club Meeting Minutes (Conducted at 3705 Oakdale Road Modesto, CA)					
	(Conducted at 5705 Oakuale Road Modesto, CA)					
	Attendance (via sign in sheet)					
	Wally, KK6CPN Everett, AJ6VZ Randy, KF6RJS					
	Paul, W6UHF Cheryl, KK6GJM John, W6PY					
Next General	Robin, KG6ZYQ Scott, N6CIC Vicki, KJ6RCV					
Meeting:	Patty, W6PV Scott, KN6RKY Mike, KN6ELC					
Face-to-face.	John, K6JRO Brenan, NK6M Robert, KD6BNY Bill, AE6J Scott, KN6OOV Omar, KN6QBS					
Tuesday,	Craig, KN6TQX Jason, KA6TIO Zack, KI6KQO					
September 20 <sup>th</sup>	Jason, KN6HAG Elias, KN6GZW Richard, W8AAL					
7:00pm	Visitor- Robbie					
	President Randy, KF6RJS called the meeting to order at 7:03 pm and					
	welcomed everyone. There were 25 members and one visitor in attendance. Randy had everyone introduce themselves and Zack, KI6KQO 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. A motion was made by Bill, AE6J and					
Write for <i>The</i>	second by Richard, W8AAL to accept the minutes as printed in the READOUT. The motion was passed without opposition.					
	READOUT. The motion was passed without opposition.					
Readout:	President Randy, KF6RJS					
If anyone has	Randy advised club members to be careful of the high temperatures this					
information that they want included	week and requested reports by officers and board members.					
in The Readout	Vice President John K61R0					
<b>Vice President John, K6JRO</b> After the break he will give a presentation on the Field Day results.						
k6jro@arrl.net.	a new column in the READOUT called "Swap Shop". Members wishing to sell					
	an item should get their ad into John by the 1 <sup>st</sup> of the month.					
Please try and have						
the information or	Treasurer Vicki, KJ6RCV					
articles to the editor by the 30 <sup>th</sup> of each	Vicki read the current treasurer's report and a copy is attached to the minutes and will be included in the next READOUT.					
month.						
	Sergeant at Arms Zack, KI6KQO					
	Zack said there were homemade cupcakes at the back table and there would					
	be an equipment raffle and a 50/50 split the pot for the equipment fund. The					
	equipment is a Wouxun KG-UVD1P two-band HT.					
	Board Members: Scott, N6CIC, Everett, AJ6VZ, Richard, W8AAL, and					
	Wally, KK6CPN were present.					
	Scott reported 92 sunspots today and a flux of 131 so HF conditions are					
	good. A strong solar flare produced a temporary shortwave blackout over					
	the Indian Ocean. Wally reported the sad news that Steve Atkins, CEO of Medics Plus, suddenly passed away. He will be sorely missed.					
	medics rius, suddeniy passed away. He will be solely missed.					

## 

#### 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.

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

Leroy and Patrick were not present. Paul, W6UHF had nothing unusual to report.

#### Ham Cram: John, K6JRO

At the August 13 Ham Cram four passed the Technician license, and there were two upgrades. The next Ham Cram will be in February 2023. Those not wishing to wait, can attend one of the monthly Ham Crams put on by the Stockton Club.

#### ARES: John, K6JRO

John said the September ARES meeting will focus on emergency training with preparation for a set of emergency drills. The training will be geared to hospital drills. Winlink will be a key component of drill communications, and they are working on certification levels.

#### **Community Events: Lucian, KF6NPG**

Lucian was not present; however, he had previously reported that the Walk to End Alzheimer's is scheduled for Saturday, September 17, and it has been staffed.

#### **Break:**

There was a 10-minute break.

#### Raffle/Split the Pot and Wouxun HT: Zack, KI6KQO

Scott, KN6OOV was the winner of the split the pot. \$55 was collected and Scott donated his half back to the equipment fund. Thanks Scott. \$90 was collected for the Wouxun HT transceiver and the winner was Robert KD6BNY. Congratulations to Robert.

Old Business: None

#### **New Business:**

None

#### Presentation:

John, K6JRO gave a presentation on N6OOA Field Day operations. The station was operated by John, K6JRO, Bill, AE6J, and Brennan, NK6M and was at the Field Day site near Dorrington. The team made 42 contacts on 40 meters and 352 contacts on 20 meters for a total of 394. Total score with the multiplier and bonus points was 1,038. Notably they worked 49 out of 50 states missing only Louisiana, and they worked 59 out of 66 ARRL sections. They used three antennas and could switch between them depending on propagation: a Hy-Gain 3-element beam, GAP monoband vertical for 20 meters, and a Buckmaster 80-10 meter Carolina Windom OCF dipole. At the end of Field Day, they were visited by a small herd of cattle, who peacefully wandered around the camp. The presentation was very well received.

**Meeting Adjourned**: The next SARA Club meeting is Tuesday, September 20, 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 by Scott N6CIC, Board Member, for Lucian KF6NPG, Club Secretary

## Treasure report from the July meeting



Treasure's

Vicki, KJ6RCV

Report,

STANISLAUS AMATEUR RADIO ASSOCIATION P.O.BOX 4601, MODESTO, CA 95352-4601 www.saraclub.net Treasury Report August 16, 2022 7-19-22 to 8-15-22

BALANCE FORWARD: \$6,766.14\*\* (Previous Balance \$6,860.18)

#### Bills Paid: Zach Pelham Moeller Mt. Oso PG & E

\$ 49.55 (Ck #1115 - May - July meeting supplies 7-19-22)
 \$ 80.00 (Ck #1116 - July site rent 7-26-22)
 \$ 99.49 (Ck #1117 - Mt. Oso utilities 8-11-22)
 Total: \$229.04

 INCOME:

 Split the Pot
 \$ 115.00

 Donations – Anonymous
 \$ 20.00

 Total:
 \$ 135.00

DEPOSITS: Tri-Counties Bank

\$ 135.00 (7-22-22)

Field Day Fund: Equipment Fund . . .

\$ 421.19 (included in acct. balance) \$1,232.23 (included in account balance)

#### \*\* TRI COUNTIES BANK BALANCE: \$6,766.14 as of 8-15-22

NOTE: Expenses Paid Directly by Members as Contributions; W6UHF - \$13.80 for Ham Cram ice and water; and K6JRO - \$87.97 for the balance of Mark's plaque.

Treasurer August 16, 2022

2022 Memberships - 68 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, 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 - K/6HOB, NV6S, WA6ZLO

## Announcement: An Exciting Opportunity to Serve your SARA Club!



By Vicki Peitz, KJ6RCV

#### Greetings,

Please note this will be my fourth and **final** year serving as the SARA Club Treasurer. Since my retirement in 2020, I no longer have a need to drive to Modesto. I live near Tracy, so I am no longer able to make the weekly trips to check the Club PO Box. Also, after working in finance for 40 plus years I am ready to move on to other hobbies and travels.

Listed below are the current duties of the SARA Club Treasurer's position. If you are successfully managing your household bills each month then you are qualified to perform these duties. There is no need to hesitate, I will be available to assist the new Treasurer with questions, plus do everything I can to ensure your smooth transition. Thank you for your consideration. Stanislaus Amateur Radio Association – Treasurer's Tasks Monthly

- Check PO Box at least weekly
- Reconcile prior month bank statement
- Pay monthly rent
- Pay PG&E
- Deposit dues, donations and raffles received from meetings
- Check Club emails
- Update Membership worksheet
- Email a thank you to paid members with cc to Club Secretary including names, emails and call signs
- Prepare monthly meeting Treasurer's Report

As needed

- Reimburse Sargent of Arms for meeting supplies
- Purchase stamps, postage and office supplies
- Order and pay for new checks when down to last book and any bank fees for lost checks
- Deposit insurance rebates and donations from events as received
- Pay invoices for antenna and equipment purchases and repairs as approved by Board
- Receive approval from at least three Board members to pay all invoices in excess of \$250

January

- Email WinSystem and request \$150 for their annual Mt. Oso power bill. Contact was Steven Taylor, k6ufx@winsystem.org, (Paul may have an updated contact).
- Pay \$20 NARCC Membership Dues, 1007 West College Avenue #144, Santa Rosa, CA 95401-5046 or www.narcconline.org/narcc/entry (Paul paid for 2022)
- Pay \$120 D-Star Mt Bullion Power Bill, send check to Sam Gardall, 1488 Padre Lane, Nipomo, CA 93444. Contact is Grady Williams grady@elite.net (Lucian paid for 2022)

- Pay \$50 Bureau of Reclamation (BOR) annual fee. (Will receive a bill)
- Pay PO Box renewal
- Set up new year Statement of Revenues and Expenditures tracking worksheet

#### February

• Reimburse Ham Cram Coordinator and deposit fees collected

March

• Establish budget for Field Day Coordinators for dinner, prizes and porta potty rentals

April

• File FTB 199N California e-Postcard annual gross receipts information for prior year

#### May – N/A

June

- Renew SaraClub.net domain. Pay annual fee and ID protect.
- In odd years When postcard received in PO Box Update Secretary of State Statement of Information and pay \$20 fee online. Bizfile.sos.ca.gov
- Pay Field Day reimbursements and invoices

July

• Pay Equipment insurance renewal. Work with Paul and Lucian to update equipment list with any adds, deletes or edits.

August

Reimburse Ham Cram Coordinator and deposit fees collected

September – N/A

October

• Liability insurance renewal. Review policy for any changes and pay if no major changes. Need to first discuss any major changes with Board before renewing.

November

• E-mail Bureau of Reclamation to request Mt. Oso site contract amendment extending term through new year. Contact is Laura Couron at Icouron@usbr.gov

December

 Request Certificate of insurance document for Moeller. Email to Lorene when received at lerocha88@gmail.com

## ARES

John, K6JRO Emergency Coordinator, Stanislaus County

## Stanislaus County ARES Report



On Saturday, September 10<sup>th</sup> we held our annual Simulated Emergency Test (SET) in conjunction with National Preparedness Month. I would like to thank Lucian, KF6NPG for putting it together. Five packet stations were deployed to an area park. WinLink packet and VARA were used to send data including pictures and ICS 213rr forms. This was in preparation for November's hospital drill.

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@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

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

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: SARA Repeater Building— Maintenance and Power Readings By Lucian Thomas, KF6NPG

On Saturday August 27, 2022, Patrick, KG6AZZ, Mark, N6ARP and Lucian, KF6NPG made a trip to the SARA repeater site on Mt. Oso. The trip was planned to do maintenance in the repeater building, take power measurements and building specifications for new battery and solar project and to test the ARDEN mesh equipment. Patrick, KG6AZZ will be providing some information on the battery and solar needs.

We found that 2 more of the backup batteries were bad. We took the last 2 good batteries and connected them to the 145.390 repeater for battery backup. The 440 and 220 repeaters are on commercial power only.

We discovered that our mesh equipment on Mt. Oso and downtown appears to be working. We could not fully test as the connection to the TARC site on Oso was down. They need to replace a radio to get that site back up and running. Patrick KG6AZZ did a firmware update out the two SARA sites. We did more cleanup and brought down some more trash and the two bad batteries. A big thanks to Mark N6ARP for donating the shelves we installed.





Before cleaning up



After cleaning up

Uncluttered work bench and new shelf



Work Bench

New shelves on side wall



Coax hangers

Battery backup for 145.390 repeater

### Swap Shop

## Swap Shop: Ham Radio related equipment for sale

#### The following equipment is available for sale from Zach, KI6KQO:

2 ea. Kenwood TH-K20A- 2-meter HT 1 ea. Baofeng BF-F8+ 2M/70cm HT 1 ea. Kenwood TM-271A- 2-meter mobile Analog 1 ea. Yaesu FTM-3200DR- 2-meter mobile CF4 FM digital Astron RS-4A power supply Astron RS-12A power supply Astron VS-50M power supply Please contact Zach, KI6KQO at zsp1919@icloud.com if you are interested.

**The following equipment is available for sale from Scott, N6CIC:** For Sale is 60 feet of MPD-400 Super Flex 50-ohm coax with PL259

connectors-equivalent to LMR-400 Ultra Flex. Like New, asking \$55.00. Call Scott, N6CIC at (661)-753-7144.

## Community Events

## **Community Events:**

#### September

Saturday 10<sup>th</sup> ARES Meeting Annual Simulated Emergency Test (SET) 10a-1p Tuesday 20<sup>th</sup> SARA Meeting 7p-8p

#### October

Saturday 8<sup>th</sup> ARES Meeting 10-12p Friday-Sunday (14, 15, 16) Pacificon San Ramon Marriot Tuesday 18<sup>th</sup> SARA Meeting 7p-8p Saturday TBD Stanislaus County Bike Club Golden Hills Century Knights Ferry 7a-4p need 5-6 operators

#### 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 .

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  $2^{nd}$  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 and Merced ARES is www.mercedares.org .

## 2022 SARA Club Officers and Board Members

Officers and Board Member

President: Randy Spindler, KF6RJS Vice President: John Otte, K6JRO Secretary: Lucian Thomas, KF6NPG Treasurer: Vicki Peitz, KJ6RCV Sergeant at Arms: Zach Pelham, KI6KQO

kf6rjs@yahoo.com k6jro@arrl.net kf6npg@aol.com vptigger@gmail.com zsp1919@icloud.com

#### **Board Members:**

Scott Griffin, N6CICscottandalene@msn.comRichard Aal, W8AALdick\_aal@comcast.netEverett Young, AJ6VZkn6nqn@gmail.comJim Walsh (past president), KK6CPN kk6cpn@yahoo.com



#### **Committees/Workgroups:**

Club Technician: Patrick Dunbar, KG6AZZ Readout Editor: John Otte, K6JRO Community Events: Lucian Thomas, KF6NPG Stanislaus County ARES: patd@kg6azz.net k6jro@arrl.net kf6npg@aol.com

Emergency Coordinator: John Otte, K6JR0 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 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	<ul> <li>(negative)</li> </ul>	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 TARC www.w6bxn.org CARS www.calaverasars.org Stockton www.w6sf.org Manteca www.facebook.com/groups/k6man TCARES www.tcares.net

#### STANISLAUS AMATEUR RADIO ASSOCIATION (SARA) MEMBERSHIP FORM



Check One	e: New Member Renewir	ng Member Family Members	ship
NAME: ARRL Me	mber:(Yes) (No)	CALLSIGN:	
		CITY:	
ZIP:	PHONE: Home	Cell:	
E-Mail: ADDITIO	NAL FAMILY MEMBERS A	AT SAME ADDRESS:	
NAME:		CALL SIGN:	ARRL: (Yes) (No)
e-n	nail		
NAME:		CALL SIGN:	ARRL: (Yes) (No)
e-n	nail		
NAME: _		CALL SIGN:	ARRL: (Yes) (No)
e-n	nail		
NAME: _		CALL SIGN:	ARRL: (Yes) (No)
e-n	nail		

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

