



# THE **Readout** STANISLAUS AMATEUR RADIO ASSOCIATION

MAR 2023

Volume 44, Number 3

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

Welcome to another edition of *The Readout*!

A year for the record book! California's reliance on regular precipitation cannot be overstated. In fact, the last decade or so has seen below average rainfall. That all changed this season!

This year's rainfall has been exceptional and one that could end our drought status. In fact, most of California's reservoirs are at or above their historical average (see below) and the Sierra Nevada's are covered in snow (as a side note, my family and I drove past the San Luis Reservoir yesterday and it was comforting to see how high it was). According to the National Weather Service over the last month the surface area covered by additional snow has increased by 8.4% with more on the way.

So, what does all this precipitation mean for us? As amateur radio operators and with some of us being members of ARES we must be mindful of what this increased weather does on our gear in general and our commitment to public service in particular. While ARES's activation level has been lowered to "Normal" (see ARES report below) more rain is on the way.

And, with more rain on the way, I have often wondered what happened to the 7.3 billion bond Californians past ten years ago. The featured article for this month will bring you up to date with Proposition 1.

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](mailto:k6jro@arrl.net).

73 de John, K6JRO

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## A Message from the Club President Everett Young, NQ6C

Greetings

Because of what happened to the repeater on Wednesday we will be forming an exploratory committee to look at the equipment, cost, and maintenance and report back to the club. John, K6JRO will be chairing this committee. If you have any questions or ideas, please let John or I know.

Thank you.  
Everett, NQ6C

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## Minutes from February face-to-face meeting

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

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

February 21, 2023

Attendance (via sign in sheet)

John, W6PY	Randy, KF6RJS	Everett, NQ6C
Richard, W6DU	Cheryl, KK6GJM	Paul, W6UHF
Robin, KG6ZYQ	Charles, AA6YV	Vicki, KJ6RCV
Scott, KN6RKY	Chuck, NW6G	Nate, KN6YFO-New
Member	Jason, KA6TIO	John, K6JRO
Robert, KD6BNY	Bill, AE6J	Scott, KN6OOV
Terry, KJ6DXT	Gene, W6QFU	Elias, KN6GZW
Carl, KJ6RDD-Returning Member		Scott, N6CIC
Zack, KI6KQO	Bobby, KN6SDD	Robbie, KN6VOG
Tom, KJ6OVB	Ron, KG6ILG	Richard, W8AAL
Arthur, KN6SSP	Brendon, NK6M	Don, KM6ARR
Scott, WB3KJX		

**President Everett, NQ6C** called the meeting to order at 7:00 pm and welcomed everyone. There were 30 members, one new member (Nate, KN6YFO) and one returning member (Carl, KJ6RDD) according to the sign-in sheet. Everett had everyone introduce themselves and Vicki KJ6RCV led the pledge of allegiance.

### **Reading of Minutes Secretary Scott, N6CIC**

The minutes were included in the READOUT and had been e-mailed out to the membership prior to the meeting. There were no corrections or questions about the minutes. Motion by Bill, AE6J and second by Scott, KN6OOV to approve the minutes. The motion was passed without opposition.

### **Vice President Zack, KI6KQO**

Zack read a list of subjects for possible presentation. He asked if anyone is interested in giving a presentation. Below is a list of possible presentation subjects:

- Solar for Hams
- ARES-what's it all about?
- Emergency Power

Tuesday, March  
21<sup>st</sup> 7:00pm

**Write for *The Readout*.**

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

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

- Ham Shack-what is in it?
- Go Box
- Solar Conditions and Radio Propagation
- Working Community Events-Communication Support
- Antennas
- Proper Radio Procedure
- Working Ham Radio Abroad
- Meters/Test Equipment

**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. There were no additions or corrections. Bill, AE6J made a motion to accept the report and Robin, KG6ZYQ seconded. The motion passed without opposition.

**Sergeant at Arms Vicki, KJ6RCV**

Vicki said there were snacks and coffee available during the break. She will be using individually packed snacks so used items can be carried over to the next meeting. She said there would be a 50/50 split the pot for tonight's meeting at the break.

**Board Members: Jason, KA6TIO, Randy, KF6RJS, Richard, W8AAL, and Bobby, KN6SDD were present** and had no reports.

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

**Paul, W6UHF** reported that the 440 antenna is still scheduled for repair. He is not sure when Ray's Radio will be going up for the repair or if the road is even passable. At this point he is not sure what is causing the crackling noise in the repeater.

**ARES: John, K6JRO**

John reported on the January call-out due to flooding in the Patterson area. The call-out lasted four days and it was to aid the Sheriff's Department in communicating to the population of any need to evacuate. The last ARES meeting was on working Packet. The next meeting will be on Saturday, March 4, and the activity will be application of APRS.

**Community Events: Lucian, KF6NPG was not present.**

**Field Day: Everett, NQ6C:**

Field Day will be on June 24-25. John, K6JRO reported that the Black Springs Road site may not be available to the club this year. Caltrans has been working in the area and the back site has been closed to the public. The normal site and Snob Hill that the club uses will be on a first come- first serve basis. So, if can't get up there early to reserve the spots we may lose them.

**Break:**

There was a 15-minute break.

**Raffle/Split the Pot Vicki, KJ6RCV**

Vicki collected \$84.00 for the split the pot raffle. Tom, KJ6OVB was the \$42.00 winner.

**Old Business:**

None

**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.*

**New Business:**

Bill, AE6J gave away some miscellaneous equipment including an antenna switch to be picked up in the back by anyone interested. Richard, W8AAL reported that the amateur in Patterson still had a tower to give away to anyone who would come and take it down and take it away.

**Presentation:**

John, K6JRO gave a presentation on Winter Field Day and the participation of station N6OOA with Bill, AE6J and Brendon, NK6M. Winter Field Day is on the last weekend in January. This year N6OOA operated an Icom IC-7300 to a Butternut HF-6V with 12 radials using a battery pack built by Brendon that ran the entire time without needing a recharge. The team logged 500 contacts with 69 on 40 meters and 431 on 20 meters. They worked 77% of all the ARRL sections. There is a total of 84 ARRL sections including Pacific Islands, Puerto Rico, Canada, Hawaii, and Alaska. In addition, they logged DX stations in Mexico and Belize.

**Meeting Adjourned:**

Meeting adjourned at 8:12 pm. The next SARA Club meeting is Tuesday, March 21, 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

## Treasure report from the February meeting



### STANISLAUS AMATEUR RADIO ASSOCIATION

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

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

Treasury Report February 21, 2023

1-17-23 to 2-21-23

**BALANCE FORWARD:** \$8,444.04\*\* (Previous Balance \$7,934.41)

#### Bills Paid:

Moeller Mt. Oso	\$ 80.00	(Ck #1133) – February Site Rent (2-1-23)
PG & E	\$ 51.37	(Ck #1134) – Mt. Oso Utilities (2-9-23)
Tri-Counties Bank	\$ 5.00	returned statement fee (1-23-2023)
<b>Total:</b>	<b>\$ 136.37</b>	

#### INCOME:

Dues	\$ 455.00	
Split the Pot	\$ 96.00	Scott KN6OOV donated his half back to the club 😊
Radio Raffle	\$ 50.00	Congratulations Craig KN6TQX
Donations	\$ 40.00	Anonymous 😊
<b>Total:</b>	<b>\$ 641.00</b>	

#### DEPOSITS:

Tri-Counties Bank	\$ 521.00	(1-24-23)
Tri-Counties Bank	\$ 120.00	(2-16-23)

<b>Field Day Fund:</b>	<b>\$ 647.19</b>	<b>(Included in account balance)</b>
<b>Equipment Fund</b>	<b>\$2,279.23</b>	<b>(Included in account balance)</b>

**\*\* TRI COUNTIES BANK BALANCE: \$8,444.04 as of 2-21-23**

Treasurer \_\_\_\_\_

A handwritten signature in blue ink, appearing to be 'Scott', is written over the line for the Treasurer's name.

February 21, 2023

2023 Membership – 54 Paid/Honorary – AE6J, K6JRO, K6SBO, K7RKU, KA6TIO, KE6QMS, KF6NPG, KF6RJS, KG6ZYQ, KI6HOB, KI6KQO, KJ6MRG, KJ6OVV, KJ6RCV, KK6GJM, KK6ILV, KM6SIO, KM6VLJ, KN6OOV, KN6RKY, KN6TDQ, KN6VOG, N6ARP, N6CIC, N6JCS, N6MTM, NV6S, W6DAH, W6MUT, W6PV, W6PY, W6QFU, W7EOV, W8AAL, WA6UXA, WA6ZLO, N5QC, KD5QWC, KG6AZZ, KE6ULQ, W5NH, KJ6EWD, KN6GJL, W6DU, AA6YV, W6UHF, WE6V, KN6SSP, KN6QQQ, KN6TQX, WB6BJN, KA6GIN, KA6BYR, WA6BFG

2024 Membership – 4 Paid/Honorary – KI6HOB, N6ARP, NV6S, WA6ZLO

## ARES

John, K6JRO  
Emergency  
Coordinator,  
Stanislaus County

## Stanislaus County ARES Report



ARES met on Saturday March 4<sup>th</sup> at the Stanislaus County Office of Emergency Services (OES). Officer reports were given. Our training revisited Patrick, KG6AZZ's packet program and its capabilities with APRS. It has been several years since we have looked at it and I appreciate Patrick and the work he has done on his packet program.

ARES activation level has been lowered to Level 3: Status Normal which means we are no longer on stand-by. However, more rain is on the way (in fact, it is raining as I update this column) so, ARES members should continue to monitor the weather. In particular, ARES members that are eligible to be called out are encouraged to monitor Stanislaus County OEC social media for updates. If you have any questions, feel free to contact me at my email below.

As always, if you have packet capability, please consider checking into the ARES WinLink Wednesday net on the 4<sup>th</sup> 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@arrrl.net](mailto:K6JRO@arrrl.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

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](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.***

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.

You cannot take the challenge exam online.



## Featured Article

# Featured Article: *Californians approved billions for new water storage. Why hasn't it gotten built?*

By Kurtis Alexander

In 2014, during the throes of last decade's drought, California voters approved billions of dollars for infrastructure that would catch and store much-needed water from winter storms. The hope was to amass water in wet times and save it for dry times.

Nearly 10 years later, none of the major storage projects, which include new and expanded reservoirs, has gotten off the ground.

As the state experiences a historic bout of rain and snow this winter, amid another severe water shortage, critics are lamenting the missed opportunity to capture more of the extraordinary runoff that has been swelling rivers, flooding towns and pouring into the sea.

The seven dedicated storage projects funded by voter-approved Proposition 1 remain in various stages of planning. Many are big ventures, including the proposed Sites Reservoir in the Sacramento Valley that would be California's eighth-largest reservoir. Such efforts require years of design, permitting and fundraising and are not easy to build. Still, some say progress has been too slow given the dire need for water.

"We're in a climate emergency and we need to start acting with some urgency here," said Adrian Covert, senior vice president of public policy for the Bay Area Council, which advocates for businesses in the Bay Area. "When you're talking about storage projects and dams, they are going to last 100 years and you want to get it right and caution is appropriate. At the same time, you have to deliver results."

Gov. Gavin Newsom has weighed in, too, pledging to expedite the construction of new storage facilities by providing additional funding and removing "permitting barriers," not unlike his predecessor, Jerry Brown, who similarly tried to accelerate the work.

This month, California's Republican congressional delegation, including Reps. David Valadao of Hanford (Kings County) and Tom McClintock of Elk Grove (Sacramento County) expressed concern about the lack of storage, sending a letter to Newsom and President Biden urging a boost in capacity in light of the recent precipitation.

The barrage of atmospheric rivers that has pounded the state since late December has yielded near-record amounts of both rain and snow.

As much clamor as there has been for more storage, however, water experts warn that it may not be the panacea that advocates profess, specifically reservoirs. Constructing reservoirs is expensive, meaning the water they sell may be cost-prohibitive for some, while the increase in water supply is likely to be small and not worth the money given California's increasing aridity.



With the warming climate, the state is not only seeing more intense droughts, alongside more intense storms, but more of the precipitation is falling as rain instead of snow. Snow has historically provided a second wind for reservoirs, melting after the wet winter season and giving the lakes an additional hit of water.

"Storms like this just don't come that often, so you can't always expect to fill your storage," said Jeffrey Mount, a senior fellow at the Public Policy Institute of California's Water Policy Center. "What you want is reliable supply and this (type of storage) is not very reliable. You don't know when you're going to fill it."

"There are better ways to improve your water supply," he said.

Proposition 1, which passed with 67% voter approval, authorized \$7.1 billion of bond funding for water projects, the largest chunk of which was earmarked for storage, about \$2.7 billion.

Two new major reservoir proposals were initially selected to receive bond money, but one of the projects on the San Joaquin River didn't get enough to move forward, leaving the 13-mile-long Sites as the biggest venture. Others include the expansion of two reservoirs in the Bay Area, Los Vaqueros Reservoir in Contra Costa County and Pacheco Reservoir in Santa Clara County. Most of the remaining initiatives seek to store water underground by replenishing aquifers.

A small water recycling program on farmland in Sacramento County and the enlargement of Los Vaqueros are expected to be the first to receive final checks from the state, perhaps this year. For other projects, including the Pacheco Reservoir, it could be several more years.

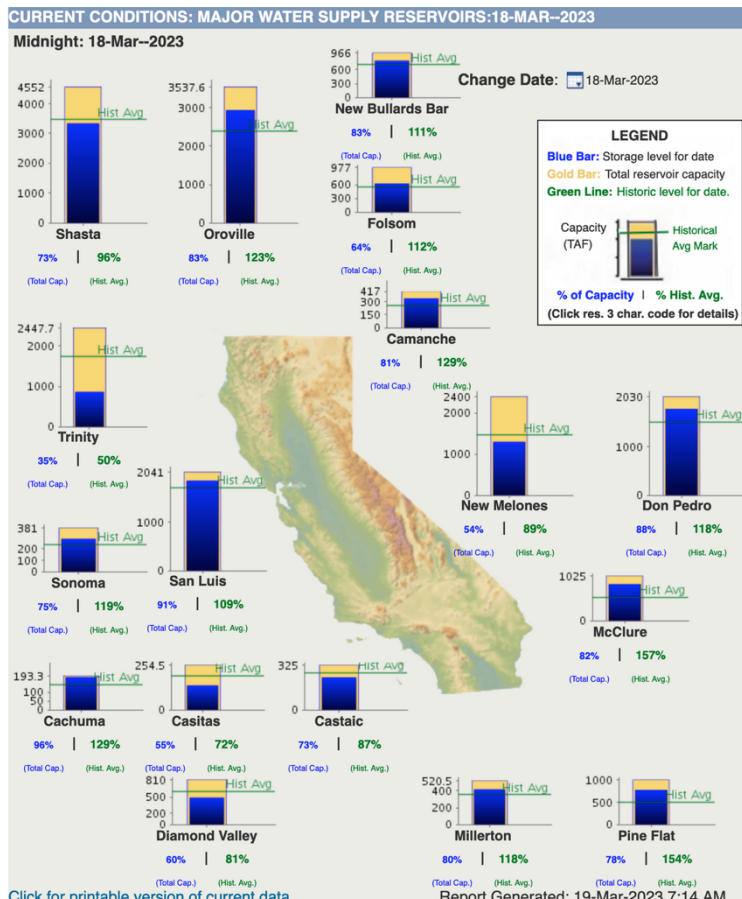
The length of time it has taken to select and finance these efforts was largely intentional. To win broad support for the bond measure in 2014, Prop. 1 put several conditions on the funding, including a requirement that the storage projects show "public benefit," followed by an elaborate process to rank that quality. It took three years just to gather applications.

"Any large-scale water storage project is complex and requires a high degree of planning, engineering, construction, significant financing, and coordination with existing water infrastructure and operations," said Paul Cambra, spokesman for the California Water Commission, which is in charge of awarding the bond money.

The proposition also is funding just a fraction of each project, meaning even after the cash is doled out, proposals will move forward only when additional money is secured.

Advocates of the \$4 billion Sites Reservoir say they've lined up their remaining financing — about \$875 million is expected from Prop. 1 — but the balance relies on a mix of still pending federal funds and commitments from statewide water agencies. Some water agencies have worried that the price they'll have to pay for future reservoir water will be too high as project operators seek to recover their costs.

The cost of building reservoirs has skyrocketed as new reservoir sites have become trickier to engineer. The best spots have been taken by the state's 1,500 existing reservoirs.



A best-case scenario would have Sites Reservoir up and running just after 2030. According to the state, the expansion of Pacheco Reservoir could be finished at about the same time while the extension of Los Vaqueros could come a year sooner.

While completing the Prop. 1 projects would bring considerable storage — an estimated 2.8 million acre-feet of water capacity — it's a relatively small amount

given the state's total capacity.

California's existing reservoirs can store 43 million acre-feet of water, according to the Public Policy Institute of California. An acre-foot of water is about enough to supply two households for a year.

Additionally, the actual amount of water the projects would hold would be far less because the reservoirs wouldn't consistently fill.

The Prop. 1 reservoir proposals, according to Jay Lund, director for the Center for Watershed Sciences at UC Davis, in the end may amount to a 1-2% increase in water supplies.

Lund and others say the real promise of the ballot measure may be in its prescription for underground water storage. The idea of channeling runoff during wet periods into aquifers where cities and farms can pump it out is generally a lot less expensive than building reservoirs and has greater potential.

The amount of underground space currently available may be three times the state's total reservoir capacity, according to one estimate.

There are several means of stockpiling water in aquifers, from simply spreading water across fields and letting it soak in to injecting the water through deep wells. Treated wastewater and stormwater caught in cities can be fed to aquifers, as can floodwater.

Prop. 1's earlier rounds of funding aided a smattering of water projects that weren't necessarily designed for storage but help put water underground. The

## Swap Shop

## Community Events

money dedicated specifically for storage is planned for large groundwater projects in Kern County, Los Angeles County and the Inland Empire, with the first expected to come online in Antelope Valley in 2026. Similar projects are in the works independent of the bond money.

Recognizing the benefit of aquifer storage, the California Department of Water Resources and State Water Resources Control Board on Friday promoted their recent efforts to help landowners divert excess flows from Mariposa Creek in Merced County into the ground. The project targets floodwater like that produced in recent storms.

"Trying to recharge our aquifers, that is where our greatest storage opportunity lies," said Heather Cooley, director of research at the Pacific Institute, a water research center in Oakland. "This is not easy to do and it's not fast, but that's the direction we need to head."

*Kurtis Alexander is an enterprise reporter for The San Francisco Chronicle, with a focus on natural resources and the environment. He frequently writes about water, wildfire, climate and the American West. His recent work has examined the impacts of drought, threats to public lands and wildlife, and the nation's widening rural-urban divide.*

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## Swap Shop: Ham Radio related equipment for sale

There are no Swap Shop related items for sale this month.

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## Community Events:

### March

Saturday 4<sup>th</sup> ARES Meeting 10a-12p.

Tuesday 21<sup>st</sup> SARA Meeting 7p-8p

Saturday TBA??? Turlock Lake Road Race. Event appears cancelled. There is a new contact for this event, and he has not responded to a request for ride information as of 2-6-2023. The Turlock Lake Recreation area is still closed.

### April

Saturday 1<sup>st</sup> ARES Meeting 10a-12pm.

Saturday 8<sup>th</sup> Copperopolis Road Race 7a-3p (depending on assignment) Hunt Road and Milton Road need 8-9 operators.

Tuesday 18<sup>th</sup> SARA Meeting 7p-8p

### May

Saturday 13<sup>h</sup> ARES Meeting 10a-12p

Tuesday 16<sup>th</sup> SARA Meeting 7p-8p

TBA Hospital Redundant Communications Drill. Need 6 ARES OPERATORS

The Ride for MOM has been cancelled and retired. This event is no longer offered.

### June

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

Sunday 4<sup>th</sup> Regalado Road Race 7a-12p Burchell Nursery 1200 California 120 (Highway 120/Wamble Road) Oakdale, CA 95361, need 8 operators

Tuesday 20<sup>th</sup> SARA Meeting 7p-8p

Saturday through Sunday (24<sup>th</sup> - 25<sup>th</sup>) Field Day [www.arrl.org/field-day](http://www.arrl.org/field-day)

### July

Saturday 8<sup>th</sup> ARES Meeting 10a-12p  
Tuesday 18<sup>th</sup> SARA Meeting 7p-8p

### August

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

### September

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

### October

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

### November

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

### December

Saturday 2<sup>nd</sup> ARES meeting 10a-12p  
Tuesday 19<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.

## Officers and Board Member

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).

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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## 2023 SARA Club Officers and Board Members

### Officers:

President: Everett Young, NQ6C  
Vice President: Zach Pelham  
Secretary: Scott Griffin, N6CIC  
Treasurer: Scott Johnson, KN6RKY  
Sergeant at Arms: Vicki Peitz, KJ6RCV

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

### Board Members:

Jason Peitz [ka6tio@gmail.com](mailto:ka6tio@gmail.com)  
Richard Aal, W8AAL [dick\\_aal@comcast.net](mailto:dick_aal@comcast.net)  
Bobby Hale, KN6SDD [kn6sdd92@gmail.com](mailto:kn6sdd92@gmail.com)  
Randy Spindler, KF6RJS (past president), [kf6rjs@yahoo.com](mailto:kf6rjs@yahoo.com)



### Committees/Workgroups:

Club Technician: Patrick Dunbar, KG6AZZ  
Readout Editor: John Otte, K6JRO  
Community Events: Lucian Thomas, KF6NPG  
Stanislaus County ARES:  
Emergency Coordinator: John Otte, K6JRO

[patd@kg6azz.net](mailto:patd@kg6azz.net)  
[k6jro@arrl.net](mailto:k6jro@arrl.net)  
[kf6npg@aol.com](mailto:kf6npg@aol.com)  
[k6jro@arrl.net](mailto: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
Lodi	147.090	+ (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
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 (Mt. Reba)
CARS	441.875	+ (positive)	100.0	CARS Summit level Arnold linked to 145.170
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 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](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](http://www.facebook.com/groups/k6man)

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

Lodi [www.lodiarc.net](http://www.lodiarc.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

