



THE **Readout** STANISLAUS AMATEUR RADIO ASSOCIATION

DEC 2022

Volume 43, Numbers 12

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

Welcome to another edition of *The Readout*!



Another year has come and gone and what a year it was. I'm sure many of us had exciting and profound changes in our lives. I for one became a grandfather! As we continue through the Christmas season, I hope you use this time to reflect and give thanks for positive aspects of our lives.

2022 also saw some changes in our club. We lost our official weather officer Mark, WB6BJN who now lives in Tennessee (although you can still hear him via EchoLink on the morning

Traffic Nets along with the TN weather Hi Hi). Randy, KF6RJS served as president, and we thank him and all the other officers and board members for their service. Of course, the change continues as we welcome the incoming slate of officers and board members for the 2023!

We made several important upgrades to our repeater's power system. In fact, the power consumption on the hill has changed dramatically resulting in lower PG&E costs. A heart-felt thank you to all those that made it possible.

This is a very active club, and our success would not be possible without your commitment and hard work. I would like to thank each one of you for your devotion to the hobby we love so much!

To all of you I wish the warmest of blessings this Christmas season and look forward to seeing you all in 2023!

73 de John, K6JRO

President's
message,
Randy, KF6RJS

Minutes: NOV
face-to-face
meeting

Next General
Meeting:
Face-to-face.
Tuesday,
December 20th
7:00pm

A Message from the Club President Randy Spindler, KF6RJS

I would like to see everyone for the last meeting of the year. This is an important meeting because we will be holding our annual elections and our Christmas dessert night. I enjoyed being your president this year. It was something new to me. I hope everyone has a wonderful Christmas and a happy New Year. God Bless.

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 from November face-to-face meeting

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

www.saraclub.net

November 15, 2022

Club Meeting Minutes

(Conducted at 3705 Oakdale Road Modesto, CA)

Attendance (via sign in sheet):

Lucian, KF6NPG	Tom, KJ6OVB	Randy, KF6RJS
Richard, W6DU	Cheryl, KK6GJM	Robert, KN6SSD
Robin, KG6ZYQ	Scott, N6CIC	Vicki, KJ6RCV
Scott, KN6RKY	Roy, KK6OQP	Eva, KM6BIP
Jason, KA6TIO	John, K6JRO	Robert, KD6BNY
Bill, AE6J	Scott, KN6OOV	Jim, KK6CPN
Everett, NQ6C	Jason, KN6HAG	Elias, KN6GZW
Richard, W8AAL	Zack, KI6KQO	
Visitor:		
Justin, KK6DHX	Carl, KJ6RDD	

President Randy, KF6RJS called the meeting to order at 7:01 pm and welcomed everyone. There were 23 members and 2 visitors 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 Wally, KK6CPN and second by Scott, N6CIC 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 we would be nominating club officers and board members for 2023.

Vice President John, K6JRO

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 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.

John said there would not be a presentation tonight as we would be taking nominations for club officers and board members for 2023.

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. Robin, KG6ZYQ made a motion to accept the report and Jason, KA6TIO seconded. The motion passed without opposition.

Sergeant at Arms Zack, KI6KQO

Zack said there was water and cookies on the back table for the break. He reminded everyone that the December meeting would be our share your favorite Christmas treat meeting and encouraged everyone to bring something to share. He said there would be a raffle of some equipment and a split the pot. A big roof top magnet was donated by Scott, N6CIC and Richard, W8AAL donated a 40-meter QRP kit. Both the raffle and split the pot benefit the equipment fund.

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

No board member had a report.

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

Leroy, Patrick, and Paul were not present. Lucian, KF6NPG reported that we had completed some power improvements and it looks like our power bill is going down. We will have a full month of power use to evaluate for next month. 440 antenna is still scheduled for repair. The main repeaters seem to be working fine. Elias, KN6GZW and his father Jason, KN6HAG went up to Mt. Oso with the work crew and will be reporting to the club on a possible Eagle Scout project for Elias. They are looking at some general repair work to the repeater building.

Ham Cram: John K6JRO

The next Ham Cram will be in February 2023. The Ham Cram is still 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. John has been waiting for a response from John, N6ZQ regarding ham cram coordination.

ARES: John, K6JRO

John said the next ARES meeting will be December 3rd. This will be an all hands end of year meeting to discuss the updated training and certification levels. ARES members did participate in a County wide hospital drill on November 9, 2022.

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 \$120.00 for the split the pot. Everett, NQ6C was the winner and donated his \$60.00 back to the club equipment fund. Thanks Everett. Everett, NQ6C was the winner of

the mag mount and that generated \$20.00 for the equipment fund and Elias won the QRP kit and that generated \$40.00 for the equipment fund.

Old Business:

None

New Business:

These were the nominations for the 2023 Club officers and board members:

President Everett, NQ6C

Vice President Zack, KI6KQO

Secretary Scott, N6CIC

Treasurer Scott, KN6RKY

Sergeant at Arms Vicki, KJ6RCV

Board Jason, KA6TIO

Board Richard, W8AAL

Bobby, KN6SDD

Randy, KF6RJS will take place of Wally, KK6CPN as the past president member of the board.

Additional nominations can be taken at the next meeting. A vote to select the officers and board members will follow.

Presentation:

No presentation

Meeting Adjourned: Meeting adjourned at 8:15 pm. The next SARA Club meeting is Tuesday, December 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 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
Treasury Report November 15, 2022
10-18-22 to 11-14-22

BALANCE FORWARD: \$7,068.75** (Previous Balance \$6,705.84)

Bills Paid:

Moeller Mt. Oso	\$ 80.00 (Ck #1125 – November Site Rent 11-1-22)
PG & E	\$ 67.09 (Ck #1126 – Mt. Oso Utilities 11-9-22)
Total:	\$147.09

INCOME:

Dues	\$ 195.00
Radio	\$ 85.00
Split the Pot	\$ 100.00
Donations – KI6KQO & KA6TIO ☺	\$ 130.00
Total:	\$510.00

DEPOSITS:

Tri-Counties Bank	\$ 335.00 (10-21-22)
Tri-Counties Bank	\$ 175.00 (11-1-22)

Field Day Fund:	\$ 551.19 (included in account balance)
Equipment Fund	\$1,864.23 (included in account balance)

**** TRI COUNTIES BANK BALANCE: \$7,068.75 as of 11-14-22**

Treasurer

Vicki Peitz

November 15, 2022

2022 Memberships – 72 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, KN6TDQ, KN6TQX, KN6VOG, N5QC, N6ARP, N6CIC, N6JCS, N6MTM, NK6M, NV6S, W5NH, W6DU, W6MUT, W6PV, W6PY, W6QFU, W6UHF, W6WEZ, W7EOV, W7LTM, W8AAL, WA6BFG, WA6KEC, WA6UXA, WA6ZLO, WB6BJN, WE6V

2023 Membership – 13 Paid/Honorary - AE6J, KA6TIO, KI6HOB, KI6KQO, KJ6RCV, KM6SIO, KN6OOV, KN6TDQ, KN6VOG, N6MTM, NV6S, W8AAL, WA6ZLO

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

ARES

John, K6JRO
Emergency
Coordinator,
Stanislaus County

Stanislaus County ARES Report



On Saturday, December 3rd ARES meet for our annual "all hands-on deck" meeting. We addressed the new certification levels, training, and requirements. If you were not at that meeting, please consider coming to our January meeting on Saturday, 7th. ARES officers will be there at 9:00am to sign off on certification levels and this will be a good time to bring you up to speed.

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



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@arri.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:

A Ham's Night Before Christmas

By Gary Pearce, KN4AQ with creative licensing from John, K6JRO

'Twas the night before Christmas,
And all through two-meters,
Not a signal was keying up any repeaters.

The antennas reached up
From the tower, quite high,
To catch the weak signals
That bounced from the sky.

The children, Technicians,
Took their HT's to bed,
And dreamed of the day
They'd be Extras, instead.

Mom put on her headphones,
I plugged in the key,
And we tuned 40 meters
For that rare ZK3.

When the meter was pegged
By a signal with power.
It smoked a small diode,
And, I swear, shook the tower.

Mom yanked off her phones,
And with all she could muster
Logged a spot of the signal
On the DX PacketCluster,

While I ran to the window
And peered up at the sky,
To see what could generate
RF that high.

It was way in the distance,
But the moon made it gleam –
A flying sleigh,
With an eight-element beam,



And a little old driver
Who drove in dismay,
So I thought for a moment
That it might be Bill, AE6J.

But no, it was Santa,
The Santa of Hams,
On a mission this Christmas
To clean up the bands.

He circled the tower,
Then stopped in his track,
And he slid down the coax
Right into the shack.

While Mom and I hid
Behind stacks of CQ,
This Santa of hamming
Knew just what to do.

He cleared off the shack desk
Of paper and parts,
And filled out all my late
QSLs, for a start.

He ran copper braid,
Took a steel rod and pounded
It into the earth
Till the station was grounded.

He tightened loose fittings,
Resoldered connections,
Cranked down modulation,
Installed lightning protection.

He neutralized tubes
In my linear amp...
(Never worked right before –
Now it works like a champ).

A new low-pass filter
Cleaned up the TV.
He corrected the settings
In my TNC.



He repaired the computer
That wouldn't compute,
And he backed up the hard drive
And got it to boot.

Then, he reached really deep
In the bag that he brought,
And he pulled out a big box.
"A new rig?" I thought!

"A new Kenwood? An Icom?
A Yaesu, for me?
An Elecraft, TEN-TEC
Or Flex, could it be!"
(If he thought I'd been bad It might be QRP!)

Yes! The Ultimate station!
How could I deserve this?
Could it be all those weekends
I worked Public Service?

He hooked it all up
And in record time, quickly
Worked 100 countries,
All down on 160.

I should have been happy.
It was *my* call he sent.
But the cards and the postage
Will cost a month's rent!

He made final adjustments,
And left a card by the key:
"To John, from Santa Claus.
Seventy-Three."

Then he grabbed his HT,
Looked me straight in the eye,
Punched a code on the pad,
And was gone - no goodbye.

I ran back to the station,
And the pile up was big.
But a card from St. Nick
Would be worth my new rig.



Swap Shop

Oh, too late, for his final
Came over the air.
It was copied all over.
It was heard everywhere.

The Ham's Santa exclaimed
What an old ham expects:
"Merry Christmas to all,
And to all, good DX."



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:

December

Saturday 3rd ARES meeting 10a-12p

Tuesday 20th 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.

Officers and Board Member

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:

President: Randy Spindler, KF6RJS

kf6rjs@yahoo.com

Vice President: John Otte, K6JRO

k6jro@arrl.net

Secretary: Lucian Thomas, KF6NPG

kf6npg@aol.com

Treasurer: Vicki Peitz, KJ6RCV

vptigger@gmail.com

Sergeant at Arms: Zach Pelham, KI6KQO

zsp1919@icloud.com

Board Members:

Scott Griffin, N6CIC

scottandalene@msn.com

Richard Aal, W8AAL

dick_aal@comcast.net

Everett Young, NQ6C

kn6nqn@gmail.com

Jim Walsh (past president), KK6CPN kk6cpn@yahoo.com



Committees/Workgroups:

Club Technician: Patrick Dunbar, KG6AZZ

patd@kg6azz.net

Readout Editor: John Otte, K6JRO

k6jro@arrl.net

Community Events: Lucian Thomas, KF6NPG

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 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

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: 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

