



THE **Readout** STANISLAUS AMATEUR RADIO ASSOCIATION

August 2022

Volume 43, Numbers 8

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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*!

I would like to thank Lucian, KF6NPG for putting together and distributing the July Readout in my absence. Lucian has been an indispensable resource with this newsletter.

This month we are adding a Swap Shop section where you can place adds for ham radio related equipment. So, if you have equipment to sell, send me your add and I will include it in the next newsletter. Also, Lucian has compiled a list of area frequencies. This list has been included below.

73 de John, K6JRO

A Message from the Club President Randy Spindler, KF6RJS

Hope to see you all at the next 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: July
face-to-face
meeting

Next General
Meeting:
Face-to-face.
Tuesday, August
16th 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 30th of each
month.

Minutes from July face-to-face meeting

Stanislaus Amateur Radio Association

P.O. Box 4601 Modesto, CA 95352

www.saraclub.net

July 19, 2022

Club Meeting Minutes

(Conducted at 3705 Oakdale Road Modesto, CA)

Attendance (via sign in sheet)

Lucian, KF6NPG

Everett, AJ6VZ

Randy, KF6RJS

Cheryl, KK6GJM

Robin, KG6ZYQ

Scott, KN6RKY

Richard, W6DU

Richard, W8AAL

Scott, KN6OOV

Robert, KN6SDD

Jason, KA6TIO

Vicki, KJ6RCV

Zack, KI6KQO

Paul, W6UHF

Gene, W6QFU

Frank, KN6SCX

Charles, AA6YV

Craig, KN6TQX

Brendon, NK6M

Bill, AE6J

Scott, N6CIC

Roy, KMOQP

Eva, KM6BIP

Linda, W6MUT

Elias, KN6GZW

Jason, KN6HAG

Visitors: No visitors signed in

President Randy, KF6RJS called the meeting to order at 7:00 pm and welcomed everyone. There were 26 members in attendance. Randy had everyone introduce themselves and Zack, KI6KQO led the pledge of allegiance.

Reading of Minutes Secretary Lucian KF6NPG

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 Scott, KN6OOV and second by John, W6PY to accept the minutes as printed in the READOUT. The motion was passed without opposition.

President Randy, KF6RJS

Randy welcomed everyone to the meeting. He said that Cheryl KK6GJM and Eva KM6BIP wanted to change the Ladies Chit Chat net on Monday evenings from 7:00pm to 8:00pm. They felt they would get more participation. The net will now begin at 8:00pm on Mondays.

Vice President John, K6JRO

John is on a trip to Germany with his family. We wish him and his family safe travels.

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. Motion to approve by Bill, AE6J and second by Scott, N6CIC. Motion was approved without opposition.

Sergeant at Arms Zack, KI6KQO

Zack said there were goodies and water at the back table and there would be a 50/50 split the pot for the equipment fund. He said the club has 3 HTs to raffle off to help the equipment fund. He said there will be one for raffle next month. He hopes to raffle the others every other month starting in September.

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.

Board Members: Everett, AJ6VZ, Richard, W8AAL, and Scott, N6CIC were present. Wally KK6CPN was not present.

Scott said there were 125 sunspots and that 15 meters was open. The others had no report.

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

Leroy and Patrick were not present. Paul, W6UHF reported that the 440-antenna bracket is on Ray's Radio to do list. He will let everyone know when the work is completed. He said everything else was working as it should and he had no further report.

ARES: John, K6JRO

Paul had nothing to report for ARES.

Community Events: Lucian, KF6NPG

There are no events scheduled for July. The Warnerville time trial is scheduled for Saturday August 6th. This ride has not been opened for registration as of today. It may be cancelled. The Walk to End Alzheimer's is scheduled for Saturday September 17th. Both events have been staffed.

Ham Cram: John, K6JRO

John was not present. The next Ham Cram is scheduled for Saturday August 13, 2022.

Field Day: Everett, AJ6VZ

Everett said that he would give an update during the presentation time.

Break:

There was a 10-minute break.

Raffle/Split the Pot: Zack, KI6KQO

Richard, W8AAL was the winner of the split the pot. \$115.00 was collected and Richard donated his \$58.00 back to the equipment fund. Thanks Richard.

Old Business:

No old business.

New Business:

No new business.

Presentation:

Everett, AJ6V gave an update on field day. It was a very good presentation and was well received. Everett was thanked for a job well done. This was his first time first time coordinating Field Day.

Meeting Adjourned: The next SARA Club meeting is Tuesday August 16, 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. Motion to adjourn by Lucian, KF6NPG and second by Gene, W6QFU. Adjourned at 8:05 P.M.

Minutes by Lucian KF6NPG, Club Secretary

Treasure's
Report,
Vicki, KJ6RCV

Treasure report from the July meeting



STANISLAUS AMATEUR RADIO ASSOCIATION
P.O. BOX 4601, MODESTO, CA 95352-4601
www.saraclub.net
Treasury Report July 19, 2022
6-21-22 to 7-18-22

BALANCE FORWARD: 6,860.18** (Previous Balance \$7,630.01)

Bills Paid:

Moeller Mt. Oso	\$ 80.00 (Ck #1112 – June site rent 7-1-22)
Costco	\$ 23.57 (Debit – Field Day (FD) Hot Dogs, Buns 6-23-22)
Target	\$ 25.33 (Debit – FD Plates & Sanitation Supplies 6-23)
Save Mart	\$ 62.00 (Debit – FD Burgers, Produce, Serving Tongs 6-23)
Safeway	\$ 37.96 (Debit – FD Condiments & Table Cloths 6-23)
El Dorado Septic	\$ 396.83 (Ck #1113 – Field Day Portables 7-6-22)
PG & E	\$ 109.28 (Ck #1114 – Mt. Oso utilities 7-12-22)
Mercer Insurance	\$ 288.86 (Visa – Renew Equipment policy 7-14-22)
Total:	<u>\$1,023.83</u>

INCOME:

Split the Pot	\$ 134.00
Donations – 2 Anonymous	\$ 80.00
Donations – WA6UXA ☺	\$ 20.00
Refund –Unused FD Meat	\$ 20.00
Total:	<u>\$ 254.00</u>

DEPOSITS:

Tri-Counties Bank	\$ 254.00 (6-28-22)
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Field Day Fund:	\$ 421.19 (included in acct. bal.- 2022 net costs = \$525.69)
Equipment Fund	\$1,117.23 (included in account balance)

**** TRI COUNTIES BANK BALANCE: 6,860.18 as of 7-18-22**

NOTE: Direct Donation Payments: KF6NPG - \$39.08 to Ace for Mt Oso site supplies. ☺

Treasurer

Vicki Reitz

July 19, 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 – KI6HOB, NV6S, WA6ZLO

ARES

John, K6JRO
Emergency
Coordinator,
Stanislaus County

Stanislaus County ARES Report



I would like to thank Lucian, KF6NPG for running the July ARES meeting in my absence. Officer reports were given, and Lucian covered WinLink. Our August ARES meeting focused on planning for our Simulated Emergency Test (SET) in September. If you were not at the August ARES meeting and you would like to participate in the September SET, please contact Lucian or inform him over the ARES net.

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 aslo 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

Study for your amateur radio license or upgrade your current license.
Sponsored by the SARA and Stanislaus County ARES.



Next Ham Cram

August 13, 2022
Office of Emergency Services
3705 Oakdale Road, Modesto, CA

The COVID restrictions have been relaxed and currently, masks are not required but encouraged. Please be mindful that this may change at any time.

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@arrrl.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

Featured Article

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: DX Engineering Acquires Hi-Z Antennas Amateur Radio Products

DX Engineering has acquired Hi-Z Antennas' full lineup of HF directive receiving array products for amateur radio operators, ensuring that the company's devices will continue to be available to hams worldwide. DX Engineering has been the exclusive dealer of Hi-Z equipment since 2013.

Hi-Z devices will now be produced by DX Engineering's design/manufacturing team. Customers should direct all inquiries and requests regarding Hi-Z Antennas products to DX Engineering.

Hi-Z founder, CEO, and chief engineer Lee Strahan, K7TJR, became interested in low-band operating more than two decades ago after reaching Japan on 160 meters while contesting. He began building array systems for personal use, but after publishing one of his designs on the internet, drew the attention of like-minded hams. Since then, Hi-Z's singular focus has been on producing and refining receiving systems that deliver reduced noise, superb weak-signal HF reception, and reliable performance, especially for 160/80 meters and AM DXing.

"The time has come for me to pass along Hi-Z Antennas' technology to DX Engineering," said Strahan, a licensed ham since 1962. "It is my wish that they will usher in a new pinnacle of performance as they carry forward Hi-Z's latest designs and ideas. It is great to know that Hi-Z will be in such capable hands."

Hi-Z's product offerings include 3-, 4-, and 8-element receive array systems; array phasing controllers; receive antenna switches; remote switch control consoles; band-pass filters; receive testing units; amplifiers and preamplifiers; matching transformers; and power injectors. All Hi-Z products are available at DXEngineering.com.

"Hi-Z Antennas' high-quality, high-performance products have been used with great success by many DX Engineering customers, including some of the world's top DXers and testers," said Tim Duffy, K3LR, DX Engineering

Swap Shop

Community Events

CEO. "We are happy to add Hi-Z to DX Engineering's family of amateur radio brands. The acquisition makes good sense for our company as well as operators around the world who will benefit from Hi-Z's years of experience in perfecting receiving arrays and components."

Among Hi-Z's signature products are the redesigned Three-Element V2 Triangular Receive Array Systems, Four-Element V2 4 Square Receive Array Systems, and Eight-Element V2 Multi-Band 8 Circle Array Systems. These packages come with Hi-Z's element amplifiers, phasing controller, Shack Switch 2, and matching transformer. Ground-mounted vertical elements are sold separately.

Hi-Z joins these other highly regarded amateur radio brands which DX Engineering has acquired over the years: Butternut Antenna, Clifton Laboratories, Comtek, Top Ten Devices, and TransWorld Antennas.

Reprinted from

<https://www.dxengineering.com/techarticles/dxepressreleases/dx-engineering-acquires-hi-z-antennas-amateur-radio-products>

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. Wouxun KG-UV3D 2M/70cm 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

Please contact Zach, KI6KQO at zsp1919@icloud.com if you are interested.

Community Events:

August

Saturday 13th Ham Cram 7:30a-4:00pm

Tuesday 16th SARA Meeting 7p-8p

September

Saturday 10th ARES Meeting Annual Simulated Emergency Test (SET) 10a-1p

Tuesday 20th SARA Meeting 7p-8p

October

Saturday 8th ARES Meeting 10-12p

Friday-Sunday (14, 15, 16) Pacificon San Ramon Marriot

Tuesday 18th SARA Meeting 7p-8p

Saturday TBD Stanislaus County Bike Club Golden Hills Century Knights Ferry 7a-4p need 5-6 operators

November

Saturday 5th ARES Meeting 10a-12p

Tuesday 15th SARA Meeting 7p-8p

Local Nets

December

Saturday 3rd ARES meeting 10a-12p

Tuesday 20th SARA meeting 7p-8p



Local Nets:



S.A.R.A. operates several repeaters.

These are located on Mt. Oso in Patterson, CA:

145.390 – pl 136.5

224.140 – pl 136.5

440.225 +pl 136.5

51.800 – pl 136.5

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

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

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

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

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

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

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

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

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

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

Officers and Board Member

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, AJ6VZ	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

