

THE Readout

STANISLAUS AMATEUR RADIO ASSOCIATION

S.A.R.A.



WD6EJF
WWW.SARACLUB.NET
145.390 – PL 136.5



November 2019 Newsletter

Next general meeting is:

Tuesday November 19, 2019 at 3705 Oakdale Road
Modesto, CA 95357. Meeting begins at 7:00PM.

There is an informal meet and greet at Perko's
3500 Oakdale Road Modesto, CA 95357

Club members begin to arrive between 5:30pm and
6:00pm and usually sit in the back-dining room. All are
welcome to attend.



From the desk of the Readout editor:

Welcome to another edition of the SARA club READOUT.

The year is almost gone and plans are being made for next year's club activities. Please take a moment to think about what you would like to see in YOUR club. If members have any ideas for READOUT articles, presentations or other club activities please contact any club officer or board member and let them know. YOUR club is only as good as ALL the **members** make it.



There was another round of PSPS (Public Safety Shutoff) by PG&E due to the windy conditions and red flag warning for fires. Stanislaus County was scheduled for the limited shut offs and there were some in the rural parts of the county. We experienced the power being shut off at our repeater site on Mt. Oso at midnight on Sunday October 27th and power was restored at 3:30 pm on Monday October 28th. We were on battery power for about 39 hours and we did not have any issues during that time. The power shut offs seem to be a reoccurring event in severe weather and red flag fire warning conditions. A suggestion has been made that the club explore the possibility of installing some solar panels as a way to charge the batteries when the power is off and some options are being explored.

On Thursday November 7, 2019 Stanislaus ARES will be participating in a County Wide Hospital disaster drill. The 145.390 and the 440.225 repeaters will be linked and in use for the exercise from 9:30am to approximately 1:00pm. They will also be using the SARA packet node on 144.910 for practice emergency traffic. Thanks for your patience as ARES members hone their emergency operating skills. If you have any questions please contact Lucian KF6NPG at kf6npg@aol.com.

Pacificon, the Pacific Division ARRL convention, was well attended and there were several hams from our club and area that were in attendance. Many vendors were there and they had a lot of new equipment to look at. There were many interesting seminars to attend as well.

While at Pacificon we discovered that Yaesu had brand new UHF analog/fusion repeaters on sale for \$600.00. They only required that you have to install it and keep it on the air for at least one year. Normally repeaters like this go for at least \$1200 to \$2000 dollars (HRO has it on sale for \$1649.00). Our UHF repeater is very old and we looked at this as a great opportunity for a very nice replacement. Through generous giving by Patrick KG6AZZ, Pat KG6JXZ, Paul W6UHF, Linda W6MUT and two anonymous hams enough money was collected so the purchase of the repeater was at no cost to the club.

The repeater has been delivered and Patrick KG6AZZ is working to get it programmed and tested so that we can take it up for installation on Mt. Oso. Optimistically we hope to have it installed sometime in December.

If anyone has information that they want included in the Readout please submit to the editor at kf6npg@aol.com. Please try and have the information or articles to the editor by the 5th of each month.





C4FM/FM 144/430 MHz Dual Band 5W
Digital Transceiver

FT-70DR New

< 700 mW Loud and Clear audio,
Commercial Grade Specifications >



C4FM/FM 144/430 MHz Dual Band 5 W
Digital Transceiver

FT2DR

< Improved 66 ch GPS receiver included >



System Fusion II

*C4FM Digital
Pursuing Advanced Communications*



C4FM/FM 144/430 MHz Dual Band 50 W
Digital Transceiver

FTM-100DR

< Improved 66 ch GPS receiver included >



C4FM/FM 144/430 MHz
Dual Band Dual Receive Digital Repeater

DR-2X New



C4FM/FM 144/430 MHz Dual Band 50 W
Digital Transceiver

FTM-400XDR

< Improved 66 ch GPS receiver included >



C4FM/FM 144 MHz 65 W
Digital Transceiver

FTM-3200DR

< Genuine 65 Watts High Power >



CW/SSB/AM/FM/C4FM
HF/50/144/430 MHz Wide-Coverage
100 W All Mode Transceiver (144/430 MHz 50 W)

FT-991A

< Real-Time Spectrum Scope included >



C4FM/FM 430 MHz 55 W
Digital Transceiver

FTM-3207DR New

< Heavy Duty 55 Watts High Power >

System Fusion II Supports All C4FM Portables and Mobiles

- Firmware updates will enable System Fusion II compatibility with all existing C4FM products.
- FTM-3207DR: This device has not been approved by the FCC. This device may not be offered for sale or lease or be sold or leased until approval of the FCC has been obtained. The information shown is preliminary and may be subject to change without notice or obligation.

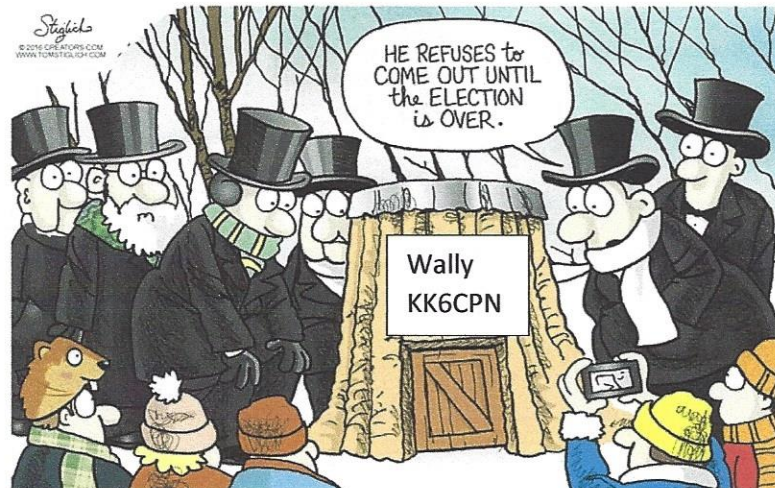


This is the FTM-400XDR mobile radio. A very popular Yaesu analog/fusion mobile. It is also APRS ready. You can find them at \$439.00 at HRO and Gigaparts.



Message from the Club President Wally KK6CPN

It is that time of the year again. We will be taking nominations for club officers at the November meeting with the election in our December meeting. If you are interested in taking on a leadership role in the club please see me or any club officer or board member for more information. I look forward to seeing everyone at the November 19th club meeting. We are also taking membership dues for the 2020 year. I encourage everyone to renew their membership as this helps to support club activities and the club repeaters. If you know someone who is a regular user of the club repeaters ask them to join the club.



Stanislaus Amateur Radio Association

October 15, 2019

(conducted at OES 3705 Oakdale Rd)

MINUTES

President **Wally, KK6CPN** called the meeting to order at 7:01 p.m.

Sergeant at Arms **Danny, W6DMC** led the Pledge of Allegiance

President **Wally, KK6CPN** led the round of introductions

The minutes from September 17, 2019 were read **correction** needed to be made for **Split the Pot** amount which was **\$89.00**, minutes moved by **Randy, KF6RJS**

and Gary, WA6UXA seconded to accept the minutes. Minutes are also in The Readout.

President Wally, KK6CPN a Beufang will be raffled tonight \$5 a ticket. Reminder to use the Phonetic Alphabet (in the October newsletter/The Readout) don't make any changes, comments made on radio or any of the nets, don't comment back email President Wally, KK6CPN.

Vice President Jason, KA6TIO has no report

Treasurer Vicki, KJ6RCV gave report. As of September 15, 2019, our account balance is \$8,023.59 of which \$501.88 is the Field Day Fund. Bills paid: Moeller Mt Oso (October Repeater Site Rent) total of \$80.00. Income: Split the Pot, \$89.00 Bill, AE6J, donated back \$44), Dues, \$140.00, Radio Raffle \$145.00, Antenna Donation (Anonymous) \$1,075.56 total of \$1,449.56 Deposits: Tri Counties Bank, \$1,449.56 report moved by Tom, K6KQR and Eva, KM6BIP seconded to accept the treasurer's report.

Sergeant at Arms Danny, W6DMC reported has raffle tickets for Field Day fund, one ticket for a \$1 or (6) tickets for \$5. Coffee and cookies being provided.

Board Members: Tom, K6KQR, Brendon, NK6M, and Paul, W6UHF had no report

Equipment/Mt Oso: Lucian, KF6NPG reported went up to Mt. Oso added Mesh network with Vince, KM6IRY, did reset and all back up batteries replaced.

ARES: Lucian, KF6NPG reported next meeting Nov. 2 presentation on DMR radio and hot spots, November 7 is Pediatric Surge Hospital Disaster Drill 9:00 a.m.- 2:00 p.m., SARA 145.390/440.225 repeaters will be used for this exercise. Shakeout is Oct. 17

Weather: No report

Community Events: Lucian, KF6NPG reported Oct. 12 is Stanislaus County Bike Club Golden Hills Century, all staffed President Wally, KK6CPN will be Net Control. ARES meeting will be Dec. 14 presentation on Radio programming.

Ham Cram: Lucian, KF6NPG, Dec. 7, 7:30-5:00 p.m. (OES/3705 Oakdale Rd),

Break/Raffle: 50/50 raffle \$55.00 total \$28.00 won Brent, KJ6MRG. \$125 was collected for Beufang raffled which was won by Don Stephens, KM6ARR.

Field Day: No Report

Un-Finished Business: None reported.

New Business: Vice President Jason, KA6TIO reported November meeting will be 2020 nominations. President Wally, KK6CPN reported December meeting will be general elections and dessert potluck.

Presentation: None

Meeting Adjourned: 7:58 P.M.

Joining S.A.R.A.: We are currently taking membership applications for 2019 and 2020.

One-year membership dues are \$30.00 for individuals, or \$45.00 for a Family.

To join S.A.R.A., fill out this registration form and bring to any S.A.R.A. meeting or mail to: P.O. Box 4601, Modesto, Ca., 95352-4601.



STANISLAUS AMATEUR RADIO ASSOC. 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)

NAME: _____ CALL SIGN: _____ ARRL:(Yes) (No)

TOTAL DUES PAID: _____ Date: _____

One-year membership dues are \$30.00, Family Dues are \$45

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

Ham Cram Information

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



When and Where?

December 7, 2019

3705 Oakdale Road, Modesto, CA

Registration opens at 7:45AM and the study session begins promptly at 8:30AM

Test begins at 4:00 PM

Please bring the following:

- A valid identification, preferably CDL (California Driver's License)
- Cash or check for \$25 for the Ham Cram study and testing session, check preferred and payable to Stanislaus Amateur Radio Association (SARA).
 - If you are attending the test only session at 4:00pm the cost is \$15.00
- If you are upgrading your license, please bring a copy of your current license as well as the ORIGINAL.

Sign Up

Please send the following information to hamcram@stanares.org

Full name, Address, Phone, Call Sign if you have one

If you're interested in the all-day Cram (study session) or Test only? Any other comments.

A brief primer about Field Day



The Stanislaus ARES Report

www.stanares.org

The Stanislaus County Amateur Radio Emergency Service is composed of FCC licensed Amateur Radio operators who have voluntarily registered their capabilities and equipment for public service communications duty under Federal regulations, Amateur Radio public service communications are furnished without any compensation of any kind. ARES® personnel are prepared to respond during emergencies by a continual training program, and by maintaining their radio equipment and other response items in excellent condition. The team consists only of those who want to help, and who are dedicated to staying prepared to render radio-communications assistance during emergency conditions.

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.

The next Stanislaus County ARES meeting will be **Saturday December 14, 2019** at 3705 Oakdale Road Modesto, CA. There will be ARES officer reports and a presentation on the new Yaesu Fusion repeater, FTM 400DXR fusion mobile radio, event and net participation and checking into the NorCal winlink net.

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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.

Here is the web site for the ARRL Introduction to Emergency Communications Course (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 the 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 Pat KG6JXZ at kg6jxz@charter.net, or 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.*

The Amateur's Code

by Paul M. Segal, W9EEA (1928)

The Radio Amateur is:

CONSIDERATE..... never knowingly operating in such a way as to lessen the pleasure of others.

LOYAL..... offering loyalty, encouragement and support to other amateurs, local clubs and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.

PROGRESSIVE..... with knowledge abreast of science, a well built and efficient station, and operation beyond reproach.

FRIENDLY..... with slow and patient operation when requested, friendly advice and counsel to the beginner, kindly assistance, co-operation and consideration for the interests of others. These are the hallmarks of the amateur spirit.

BALANCED..... Radio is an avocation, never interfering with duties owed to family, job, school or community.

PATRIOTIC..... with station and skill always ready for service to country and community.

COMMUNITY EVENTS



November

Saturday 2nd ARES meeting 10am to 12pm

Thursday 7th Pediatric Surge Hospital Disaster Drill 9am to 2pm. This event has been staffed. The SARA 145.390 /440.225 repeaters will be used for this exercise.

Tuesday 19th 7pm to 8pm SARA Club meeting.

December

Saturday 7th Ham Cram 730am to 5pm

Saturday 14th ARES Meeting 1000am to 1200pm

Tuesday 17th SARA Club meeting 700pm to 800pm





LOCAL NETS

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

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

145.390 – pl 136.5

51.800 – pl 136.5

224.240 – pl 136.5

440.225 +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 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) has several nets as well:

Morning commute and Beer and Pizza Net Monday through Friday 6:30am to 7:00am 147.030 + pl 100 or 447.700 + pl 94.8.

Weekly club net every Tuesday (except the 2nd Tuesday) at 7:00pm on the above repeaters.

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.

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

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 Merced County Health Department, 260 East 15th Street Merced, CA.

TARC web site is www.w6bxn.org and Merced ARES is www.mercedares.org .



2019 SARA Club Officers and Board members:

President	Jim Walsh KK6CPN	kk6cpn@yahoo.com
Vice President	Jason Peitz KA6TIO	ka6tio@gmail.com
Secretary:	Robin Axton KG6ZYQ	axtonr@hotmail.com
Treasurer	Vicki Peitz KJ6RCV	vptigger@gmail.com
Sergeant at /Arms	Danny Cortez W6DMC	cortezdanny51@gmail.com
Board Member	Paul Owen W6UHF	w6uhf@aol.com
Board Member	Tom Brawley K6KQR	ki6kqr@sbcglobal.net
Board Member	Brendon Church NK6M	brendonchurch@me.com
Board Member	Bill Danforth AE6J	ki6hmv@gmail.com
Committees/Workgroups:		
Club Technician	Patrick Dunbar KG6AZZ	patd@kg6azz.net
Readout Editor	Lucian Thomas KF6NPG	kf6npg@aol.com
Community Events	Lucian Thomas KF6NPG	kf6npg@aol.com
Stanislaus County ARES Emergency Coordinator	Pat Mandas KG6JXZ	kg6jxz@charter.net