

THE **Readout**

STANISLAUS AMATEUR RADIO ASSOCIATION

S.A.R.A.



WD6EJF
WWW.SARACLUB.NET
145.390 – PL 136.5



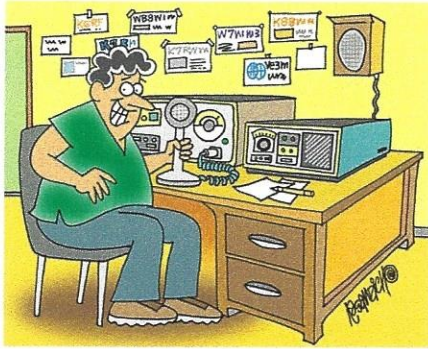
October 2019 Newsletter

Next general meeting is:

Tuesday October 15, 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 you have any ideas for presentations or other club activities please contact any club officer and let them know. If you have any suggestions for articles for the READOUT please let me know. The club is only as good as ALL the members make it.

As most of you heard in the news PG&E was shutting off the power to their power lines due to windy conditions and red flag warning for fires. Stanislaus County was scheduled for the shut down for PG&E customers. Our repeater site on Mt. Oso is serviced by PG&E power. Our batteries were charged and ready but the high wind conditions did not materialize and there was no power interruption to the repeater site. Approximately 126 customers in the Knights Ferry area did have their power shut off but most of them have had power turned back on and by the time the newsletter goes out they should all have their power restored.

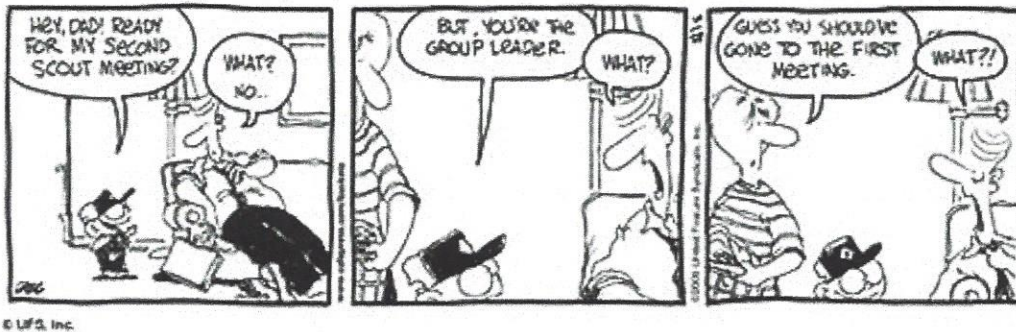
If anyone has information that they want included in the Readout please submit to the editor at kf6npg@aol.com. Please try and have the information or articles to the editor by the 5th of each month.

Pacificon, the Pacific Division ARRL convention, is just around the corner on October 18, 19 and 20th. You can use this link for more information and to register for the conference. www.pacificon.org



Message from the Club President Wally KK6CPN

Another busy month for the club and I want to thank everyone who has worked the community events. Believe it or not we will be having officer elections before you know it. 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 October 15th club meeting. We are now taking membership dues for the 2020 year. I encourage everyone to renew their membership as this helps supports 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

September 17, 2019

(conducted at OES 3705 Oakdale Rd)

MINUTES

President **Wally, KK6CPN** called the meeting to order at 7:04 p.m.

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

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

The minutes from August 20, 2019 read and moved by **Bill, AE6J** and **Scott, N6CIC** seconded to accept the minutes. Minutes are also in The Readout.

President **Wally, KK6CPN** a Beufang UVRA programmed radio with charger will be raffled tonight \$5 a ticket, money will be going into the Equipment Fund.

Vice President **Jason, KA6TIO** has no report

Treasurer Vicki, KJ6RCV gave report. As of **September 17, 2019**, our account balance is **\$6,653.59** of which **\$412.88** is the **Field Day Fund**. **Bills paid:** John, K6JRO (Ham Cram printings & supplies), ARRL (Ham Cram fees), Moeller Mt Oso (September Repeater Site Rent), PG&E (Mt. Oso utilities), Danny Cortez, W6DMC (Reimburse for Jan.-April & August meeting refreshments), Tri-Counties Bank (Stop payment fee) total of **\$580.36**. **Income:** Split the Pot, **\$80.00** (Robin, K6GZYQ, donated back \$40), **Dues, \$60.00**, **Radio Raffle \$150.00**, **Ham Cram \$605.00**, **Donation (Anonymous) total of \$935.00** **Deposits:** Tri Counties Bank, **\$935.00** report moved by John, W6PY and Mark, WB6BJN 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 snacks being provided.

Board Members: Tom, K6KQR, Bill, AE6J, and Paul, W6UHF had no report

Equipment/Mt Oso: Paul, W6UHF all good.

ARES: Lucian, KF6NPG reported next meeting Oct. 5 will be on Go Box.

Weather: Mark, WB6BJN Fall weather approaching.

Community Events: Lucian, KF6NPG reported Pacificon 2019 Oct. 18-20 San Ramon Marriott, ARES December meeting will be Dec. 14.

Ham Cram: Lucian, KF6NPG, will be Dec. 7.

Break/Raffle: 50/50 raffle **\$88.00** total **\$44.00** won by Bill, AE6J donated back to Field Day fund, **\$145** was collected for Beufang UVRA raffled which was won by Mark, N6ARP, donated back for October's raffle. Money goes into the Equipment Fund.

Field Day: Bill, AE6J reported 284 days until Field Day.

Un-Finished Business: None reported.

New Business: President Wally, KK6CPN reported still working on the SWAP Meet. **Board Meeting:** 8/19 discussion on request to put a transponder equipment on Mt. Oso-Denied, putting Mesh connection on Mt Oso to assist in, Field Day spending, next year Club will provide the meat and it will be Potluck style, beverages will be bring your own.

Presentation: None. **Meeting Adjourned:** 8:09 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)

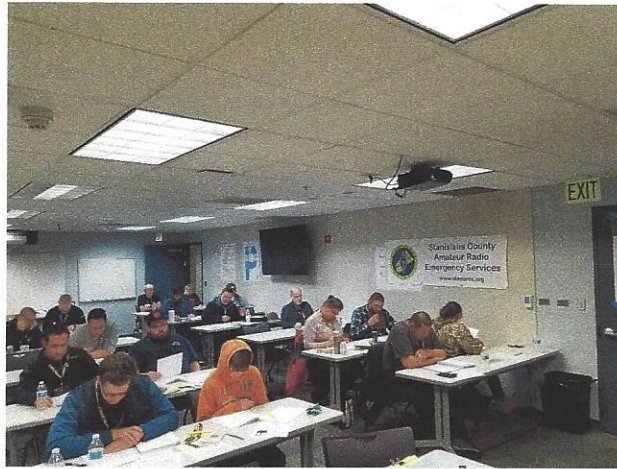
TOTAL DUES PAID: _____ Date: _____

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



Field Day Primer by Bill AE6J

Field Day is, as John (K6JRO) calls it, Christmas for Amateur Radio operators in the United States. It is the one weekend of the year where there are more HAMS on the air in the US than any other time of the year.

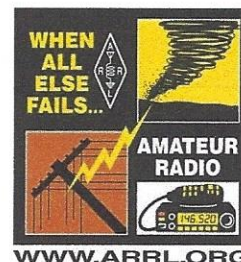
Field Day is always the fourth full weekend of June. The operational period begins at 11AM local, 1800UTC and runs for 24 hours. During this operational period, the goal is to make as many contacts as possible on the radio. Modes of operation are Voice (no repeater contacts), Morse Code, Digital (FT8, PSK31, RTTY), and Satellite. Operations are on the HF, VHF, and UHF Amateur Radio bands.

If you are interested in learning more about Amateur Radio, Field Day is the perfect opportunity for you. You will learn about various radios, antennas, portable power solutions (batteries and solar) and operating modes. You will have an opportunity to participate and get on the air and experience the voice and digital modes for yourself. All of our stations at the club event are open to other attendees trying them out. In addition to all the stations participating as our club stations, there will also be a GOTA station, a Get On The Air station for new licensees and unlicensed attendees to use. If you have any questions about radios, modes, antennas or anything else HAM radio related, you will have an abundance of experienced HAMS willing to share their knowledge with you.

The Stanislaus Amateur Radio Association, SARA, participates in the ARRL Field Day every year from a primitive campsite off of highway 4 above Dorrington. We camp in BLM (Bureau of Land Management) land. We will have porta-potties on-site and the club sponsors a pot-luck dinner on Saturday night of Field Day.

While operating radios is very important for the club on Field Day, it is also a major social event for the club. You can make Field Day weekend be whatever you are comfortable with.

When it comes to operating the radios at Field Day, you can spend most of your time operating and making contacts or you can spend no time doing it. Or any thing in between. It is all about what you are comfortable doing. Some people never touch a radio up at Field Day and some spend all their waking hours playing radio.



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 every 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 November 2, 2019** at 3705 Oakdale Road Modesto, CA. There will be ARES officer reports and a presentation on DMR radio and hot spots.

After the meeting those who will be participating in the hospital drill on November 7, 2019 will participate in winlink refresher training and exercise objectives will be discussed for the drill. Please bring your portable packet station for the training. Make sure you have checked and cleared your winlink messages before the meeting.

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.*



PACIFICON 2019

**San Ramon Marriott
2600 Bishop Drive
San Ramon, CA 94583**

**Friday through Sunday
Oct. 18-20, 2019**

Our Theme: *The Science of Radio*

For more information and to register please visit the Pacificon website at
www.pacificon.org

Phonetic Alphabet: (ARRL 10/7/2019)

A	Alpha (AL fah)	N	November (no VEM ber)
B	Bravo (BRAH voh)	O	Oscar (OSS cah)
C	Charlie (CHAR lee)	P	Papa (pah PAH)
D	Delta (DELL tah)	Q	Quebec (keh BECK)
E	Echo (ECK oh)	R	Romeo (ROW me oh)
F	Foxtrot (FOKS trot)	S	Sierra (see AIR rah)
G	Golf (GOLF)	T	Tango (TANG go)
H	Hotel (hoh TELL)	U	Uniform YOU nee form)
I	India (IN dee ah)	V	Victor (VIK tah)
J	Juliet (JEW lee ETT)	W	Whiskey (WISS key)
K	Kilo (KEY loh)	X	X-ray (ECKS ray)
L	Lima (LEE mah)	Y	Yankee (YANG kee)
M	Mike(MIKE)	Z	Zulu (ZOO loo)





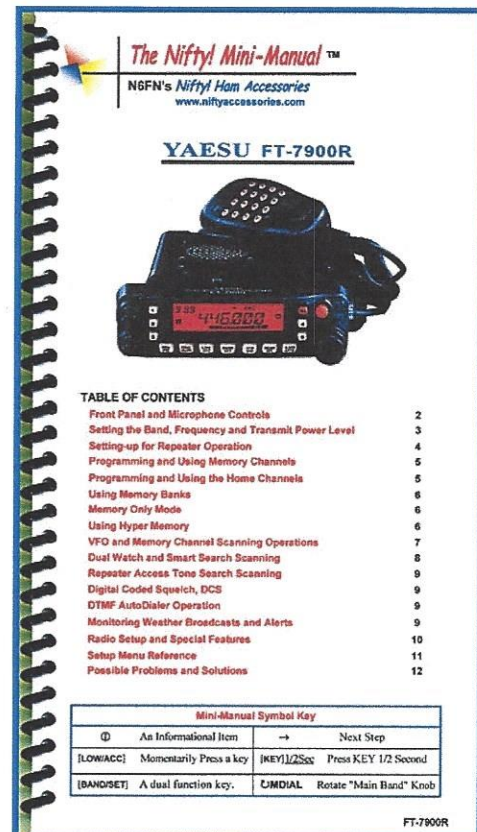
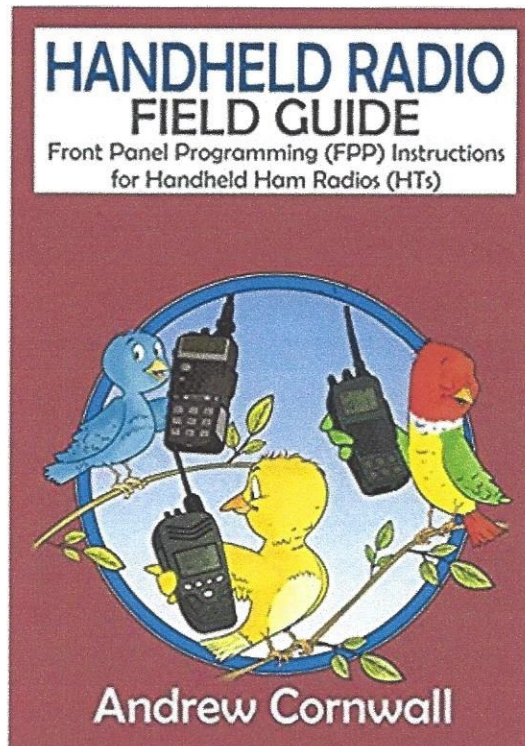
Radio Programming Resources

Here is a list of radio programming resources:

Owner's Manual

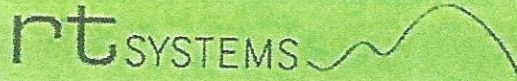
- If you do not have your manual, check the manufacturer website. They may have it on line even if it is an older model. If not, check google. There are many websites where you can download a copy of your manual for free.

There are other paper resources also available. The Handheld Radio Field Guide has programming instructions for approximately 65 radios from all manufacturers. If you come across one that is not in the book but a similar radio is covered, it will probably get you on the right tract. Available on amazon, cost \$23.00. Nifty guides are available for many radios. You can get them from Amazon, DX engineering, ARRL and many other places. Cost varies 10.00-\$25.00.

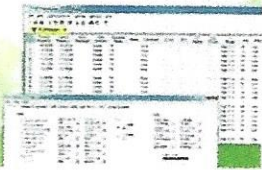


Using programming software.

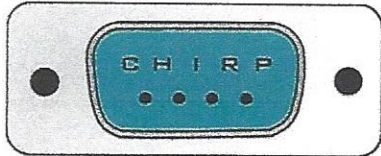
- This is a great way to fully program your radio with a big list of frequencies. There are many places to get the software. Many manufacturers have it on line for free. Some do charge.



326, 334... we just don't quit!
 305 Unique Radio Programmers
 and USB Cables that Work!
 Available for many radio manufacturers. Check for your radio model.



RT systems: <https://www.rtsystemsinc.com/>. They make a quality product software and cables. Approximate cost is \$50.00 for both cable and software.



CHIRP is a **free**, open-source tool for programming your amateur radio. It supports a large number of manufacturers and models, as well as provides a way to interface with multiple data sources and formats. Chirp is a ham's dream come true. It is FREE.

There are a few reputable manufacturers of 3rd party cables that are known to be high-quality in the community. If you're looking for a cable, check (google) the following:

- [BlueMax49ers](#) on eBay (Mark is a regular supporter of CHIRP)
 - [Valley Enterprises](#)
 - [KAMAMALL](#)
 - [miklor.com/](#)
- Ham Made Parts is a great resource for microphone cables and tnc cables of all kind. Les makes quality products.
- The cost of cables for each vendor each run from \$15.00-\$30.00

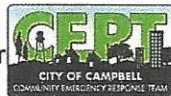
You tube is a good resource to find "how to" videos on programming radios. Go to you tube and search for your radio.

Mark V Dunkle, KJ6ZWL
 BlueMax49ers eBay & Amazon seller
 CERT Emergency Communications
 ARES/RACES Campbell, CA

DunkleM@Gmail.com

Cell (408) 832-2954

1385 McBain Ave.
 Campbell, CA. 95008-0725
 USA



MARK DUNKLE KJ6ZWL
 FTDI Chip
 eBay

- USB Programming Cables
- USB Serial Cables
- Kantronics TNC Upgrades
- Custom Cables
- And more...



Order direct and save \$\$

Ham Made Parts

Hand Built Quality Cables & Adapters

Les Poston wy0gtr

www.hammadeparts.com

913-749-6367 - Call or Text

hamparts@jivetones.com

Please leave a message if you call





Join Us in the World's Largest Earthquake Drill.

October 17, 2019 Register Now at ShakeOut.org

**Shake
Out**



**Plan to ShakeOut on
Thursday, October 17
At 10:17 A.M.**



California is known for earthquakes and they can happen anywhere! Join over 9.4 million people in California and over 86,000 people in Stanislaus County participating in this years' ShakeOut Drill!

Be Prepared!

- Check your emergency supplies and equipment
- Prepare and practice at work and at home
- Do a "hazard hunt" for items that might fall and cause injury and secure them.
- Check out ShakeOut.org and Ready.gov for more tips on earthquake safety.

COMMUNITY EVENTS



October

Saturday 5th ARES meeting 10am to 12pm

Tuesday 15th SARA Club meeting 700pm to 800pm

Saturday 12th 7a- 4p Stanislaus County Bike Club Golden hills Century. This event has been staffed and Wally KK6CPN will be the net control.

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.

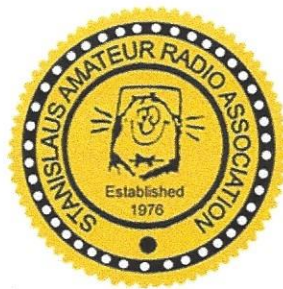
Tuesday 19th 7pm to 8pm SARA Club meeting.

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

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 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.

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.

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.

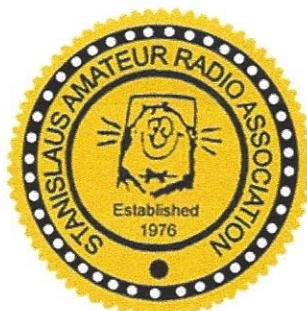
Weekly club net every Tuesday (except the 2nd Tuesday) at 7:00pm on the above repeaters.

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	ki6hnv@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