

VALLEY HAM NEWS

February 2018

YSARC Web Page: <http://www.ysarc.net>
Y-S ARES Web Page: <http://www.ysares.org>

P.O. Box 1169
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February 2018

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CLUB OFFICERS 2018

Pres.: Chris McLain, KK6VZD
Vice Pres.: Kathleen Squires, KM6BDQ
Secretary: Linda Maas, KK6SOZ
Treasurer: June McJunkin, N6JEY

BOARD OF DIRECTORS 2018

Joe Visalli, N9BD
Kevin Conde, K1KMC
Neil Bossard, N6CNY
John Rogers, KI6UDF
Mark Peters, KA6FFM
Herb Puckett, W6HBU

REPEATER TRUSTEE

Dave Gartner, WD6AXM

LIAISONS

ARES: Andy Boone, KJ6IYM
ARRL SM: Carol Milazzo, KP4MD
VE Liaison: LeRoy Smith, KJ6DKM

UPCOMING EVENTS

03 Mar – 9:00 A.M., VE Test, 715
King Ave. Yuba City
06 Mar – 7:00 P.M. General Club
Meeting, Sierra-Nevada Room, Caltrans

Building, 703 B Street, Marysville
21 Mar – 7:00 P.M. Board Meeting,
Caltrans Building, 703 B Street,
Marysville

03 Apr – 7:00 P.M. General Club
Meeting, Sierra-Nevada Room, Caltrans
Building, 703 B Street, Marysville

18 Apr – 7:00 P.M. Board Meeting,
Caltrans Building, 703 B Street,
Marysville

21 Apr – Bike Around the Buttes

01 May – 7:00 P.M. General Club
Meeting, Sierra-Nevada Room, Caltrans
Building, 703 B Street, Marysville

05 May – 3F Bike Ride

05 May – 9:00 A.M., VE Test, 715
King Ave. Yuba City

16 May – 7:00 P.M. Board Meeting,
Caltrans Building, 703 B Street,
Marysville

05 Jun – 7:00 P.M. General Club
Meeting, Sierra-Nevada Room, Caltrans
Building, 703 B Street, Marysville

17 Jun – Kids Day

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20 Jun – 7:00 P.M. Board Meeting,
Caltrans Building, 703 B Street,
Marysville

23-24 Jun – ARRL Field Day

03 Jul – 7:00 P.M. General Club
Meeting, Sierra-Nevada Room, Caltrans
Building, 703 B Street, Marysville

07 Jul – 9:00 A.M., VE Test, 715
King Ave. Yuba City

18 Jul – 7:00 P.M. Board Meeting,
Caltrans Building, 703 B Street,
Marysville

07 Aug – 7:00 P.M. General Club
Meeting, Sierra-Nevada Room, Caltrans
Building, 703 B Street, Marysville

15 Aug – 7:00 P.M. Board Meeting,
Caltrans Building, 703 B Street,
Marysville

31 Aug – 3 Sep – Pacificon

YSARC Weekly Breakfast

Wednesday mornings – Breakfast
8:30 A.M. at Dancing Tomato in Yuba
City.

Local Nets

Monday night at 7:00 P.M. – weekly
net (146.085+) PL 127.3 with swap shop
and help sessions.

Monday night at 8:00 P.M. – **Butte
County ARES net** (145.280–), PL 110.9

Tuesday night at 8:00 P.M. – **GEARS
Club net**, (146.850–), PL 110.9

Thursday night at 7:00 P.M. weekly –
ARES net (146.085+) PL 127.3.

Third Thursday of each month at
7:30 P.M. – the ARRL Sacramento

Valley Section (VHF) Net, on club
repeater followed by an HF Net on 3987
KHz LSB.

Saturday night at 8:00 P.M. – **OARS
Net** (146.655–), PL 136.5.

Other nets (From the GEARS
Radiator Newsletter)

Sac Valley Net: 7:00 P.M., 2nd Wed
of the month (146.850–), PL 110.9

440 Wed. Night Net: 8:00 P.M. each
Wednesday, 440.650 MHz.

Golden Bear Net: 7:00 P.M. daily
3975 kHz.

Willie Net: 8:00 P.M. Mondays,
1930 kHz.

CA Traffic Net: 3906 kHz nightly at
6:00 P.M. for traffic listing and 6:30 P.M.
for roll call.

Sunday at 1:00 P.M. weekly on 7278
KHz - California TALARC (The American
Legion Amateur Radio Club) net.

CLUB STORE

The club has the following items
available for purchase at cost.

1. PL295 Coax connectors, 16
each. Cost is \$1.99 each.

2. RG8X reducers, 18 each. Cost is
\$0.69 each.

3. Power Pole connectors, 49 red/
black pairs. Cost is \$1.00 per pair.

4. Coax wrap, 1 roll. Cost is \$4.00
per roll.

5. RG8X strain relief boots, 5 each.
Cost is \$0.50 each.

6. 10 AWG Red/Black Power Zip

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Cord, 1 spool 22 foot, 1 spool 23 foot.
Cost is \$1.38 per foot.

7. RG8X Black Coax, 1 spool 225 feet, 1 spool 210 foot feet. Cost is \$0.39 per foot.

8. BNC Female to SMA Female Adapter, 6 each. Cost is \$3.50 each.

9. SO-239 bulkhead connector. 3 each. Cost is \$2.65 each

10. RG-213 Coax cable, about 400 feet. Cost is \$0.50 per foot.

11. LMR 240 Coax cable, 600 feet. Cost is \$0.25 per foot.

If you are interested in purchasing any of these items contact the club store manager, Curtis (KF6VFP) at (530) 743-3003, by email at kf6vfp@arrl.net, on the air, or at one of the club meetings.



TECHNICIAN CLASS

The technician class ended Wednesday, Feb. 28th. The students will be taking the exam this coming Saturday. Good luck to each of them.

Curtis, KF6VFP

HAMFEST

Sierra Foothills Amateur Radio Club
Saturday, March 17th.

Historic Loomis Train Depot
5775 Horseshoe Bar Road
Loomis, CA

7:00 a.m. to 12:00 p.m.

Talk-in frequency: 145.430-, PL 162.2.

A map for driving directions was included in last month's VHN. Past issues are located on the YSARC website.

MEMBERSHIP RENEWAL

Have you renewed membership for 2018? The application form for renewal is available on the club website at:

<http://ysarc.net/join-now.html>

YSARC MARCH GENERAL MEETING

Tuesday, 06 March – 7:00 p.m.

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General Club Meeting will be held at the Caltrans Building in Marysville.

Our YSARC February General Club Meeting was a big success. We had a large turnout, lots of ham equipment for sale, and good food.

TECHNICIAN, GENERAL AND EXTRA CLASS QUESTION POOL REVIEW

From the Technician Class question pool:

T0A02 How does current flowing through the body cause a health hazard?

- A. By heating tissue
- B. It disrupts the electrical functions of cells
- C. It causes involuntary muscle contractions
- D. All of the above

The correct answer is D. I can testify from personal experience this is true. I once got my fingers across 800 Vdc. Locked up my muscles, burn 1/2 inch into two fingers. I was lucky, it didn't go through me heart. Learned a hard lesson following proper safety procedures when making measurements on live equipment. Attach one probe from the meter to ground, put you other hand in a pocket or behind your back so you don't become a part of the circuit carrying current.

From the General Class question pool:

G2A01 Which sideband is most commonly used for voice communications on frequencies of 14 MHz or higher?

- A. Upper Sideband
- B. Lower Sideband
- C. Vestigial Sideband
- D. Double Sideband

The correct answer is A. By convention use the upper sidebands (USB) for 20 m, 17 m, 15 m, 12 m, 10 m and 60 m portions of the HF spectrum. This convention came about because of technical considerations in the early days of amateur radio. On 160 m, 80 m, 40 m use LSB. On UHF and VHF use USB.

From the Extra Class question pool:

E8D10 What are some of the differences between the Baudot digital code and ASCII?

- A. ASCII uses Baudot uses 4 data bits per character 7 or 8; Baudot uses 1 character as a letters/figures shift code, ASCII has no letters/figures code
- B. Baudot uses 5 data bits per character, ASCII uses 7 or 8; Baudot uses 2 characters as letters/figures shift codes, ASCII has no letters/figures shift code
- C. Baudot uses 6 data bits per character, ASCII uses 7 or 8; Baudot

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has no letters/figures shift code, ASCII uses 2 letters/figures shift codes

D. Baudot uses 7 data bits per character, ASCII uses 8; Baudot has no letters/figures shift code, ASCII uses 2 letters/figures shift codes

The correct answer is B. Baudot uses five data bits per character and ASCII uses seven data bits per character.

The Baudot code was invented by Émile Baudot in 1874. It was a 5-bit code, with equal on and off intervals, which allowed for transmission of the Roman alphabet, and included punctuation and control signals. It is the code you would see on teletype tapes. The Baudot code does not differentiate between upper and lower case letters.

ASCII (American Standard Code for Information Interchange) is used to represent text in computers, telecommunication devices and other equipment. Originally based on the English alphabet, ASCII encodes 128 specified characters into seven-bit integers.

In the ASCII code “a” is “110 0001” and “A” is “100 0001”. In the Baudot code “a” or “A” is “000 11”.

Curtis (KF6VFP)

VE TEST SESSION

The next VE session will be 9:00 A.M., 3 March 2018 at 715 King Ave., Yuba City. VE's are needed to administer the exam. The elements for

Technician, General, and Extra class will be offered. If you are planning on taking an exam you will need two forms of ID, at least one of them must be a picture ID. A fee of \$15.00 is required. A calculator may also be used as long as it has had all of its memories cleared and there are no built in or preprogrammed formulas.

If you are upgrading to a higher class you need to bring your license and a photocopy of the license.

If you take an exam and pass, you can take the next higher class exam for no additional cost. If you do not pass and wish to try again an additional fee will be required.

Good luck to everyone taking exams.

EDITORS COMMENTS

YSARC's ham technician class has been a busy time for Joe (N9BD) and me the last couple of months. Glad it is winding down and things will get back to a more normal schedule. Thanks to Joe Visalli, N9BD, for co-teaching the class.

I picked up a 14-element 2 m Yagi at the club swap meet this month. Now I need to do some engineering and site design to determine where and how I want to mount it. Then it will be time for an antenna party to get it up and operational.

Curtis, KF6VFP

✓YSARC's web page is: ysarc.net.

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Past and current issue's of the VHN are available on this website.

Click on the upper right-hand icon on the homepage to join the club's **Facebook** page.

✓Send your ham related articles and pictures to share in your VHN. Pictures of ham shacks, antenna projects, antenna parties, field day, Bike Around the Buttes, etc. are appreciated KI6CSN@arrl.net or KF6FVP@arrl.net

✓If you have any ideas of what you'd like to see in this newsletter, please let us know.

✓Do you have something to sell? Send us the information and we'll include it.

Field Day is 22-23 June. It has been suggested YSARC's 2018 Field Day be held near town to attract new members. Do you have suggestions? Come to the next general meeting to share your ideas.

Marsha, KI6CSN

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Yuba Sutter Amateur Radio Club Board of Directors Meeting Minutes Jan. 17, 2018 Caltrans, Sierra Nevada Room, 703 B Street, Marysville, CA 95901



Meeting called to order by President Chris McLain KK6VZD at 1905 hours.

Officers and Board Members present unless noted:

President: Chris McLain KK6VZD	B M: Joe Visalli N9BD
Vice President: Kathleen Squires KM6BDQ	B M: Mark Peters KA6FFM - absent
Secretary: Linda Maas KK6SOZ	B M: John Rogers KI6UDF
Treasurer: June McJunkin N6JEY - absent	B M: Kevin Conde K1KMC
	B M: Neil Bossard N6CNY

Members and guests present: Steve Smith N6DKM, Udell Smith, Eleanor Knox KI6CSO.

Secretary's Report: Motion to accept Nov 15, 2017 board meeting minutes as written, John/Joe, passed. Motion to approve new members Mike Morris KK6ISQ, Devin Hall (no call sign yet), Joseph Peterson (no call sign yet), Joe/Kevin, passed.

Treasurer's Report: June emailed the Financial Reports for Dec 31, 2017 and Jan 17, 2018. Chris provided hard copies. Motion to accept Financial Reports, Joe/Kevin, passed.

Old Business

- Club equipment insurance – need a price for the tower
- Technician Class – attendance varies by week, 13-14 at most, 7-8 last Monday
- Net operators for 2018 – all slots filled.
- Kathleen Squires KM6BDQ was elected Vice President at the YSARC General Meeting on January 2, 2018.

New Business

- Bike around the Buttes, April 21. John is coordinator, has 6 volunteers so far, including net control, needs many more, especially SAGs. Neil has info on obtaining magnetic signs for SAG vehicles, since the provided signs fall off. Eleanor will check with Y-S Domestic Animal Disaster Assistance regarding use of motorhome. Discussion of involving Sutter HS kids as ride-alongs.
- 3F Century Bike Ride, May 5. Mark is coordinator.
- Marysville Historic Faire, Feb 10. No parade this year, but they still want communications help. Lonnie Moore has organized this event for us in the past. Chris will contact him.
- Mike AG6IP is offering us a booth at Booth at Beale Air Show, April 27. Discussion of what we could do. Antenna tower, hand out ARRL pamphlets, etc?
- Field Day, June 23-24. Kevin will contact YS Fairgrounds as possible location.

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Upcoming Activit

- Next VE session – March 3. Those who participate in our Tech Class and pass the test will have complimentary membership for the remainder of 2018.
- February School Roundup – Joe will assist Gary at Sutter. Date not set yet.
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Upcoming General Meetings

- Tues, February 6 at 6:30pm – Club Ham Swap and Potluck at Methodist church on 8th & D St in Marysville. It will be announced on Monday night net.
- Tues, March 6

Upcoming Board Meetings

- Wed, Feb 21
- Wed, March 21

Motion to adjourn at 2005 hours, Neil/John, passed.

Respectfully submitted by Linda Maas KK6SOZ, YSARC Secretary