

# VALLEY HAM NEWS

November 2016

---

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

**P.O. Box 1169  
Yuba City, California 95992**

**November 2016**

Editors: Curtis R. Sylvester-José, KF6VFP  
Marsha L. Sylvester-José, KI6CSN  
Telephone: 530-743-3003  
E-Mail: Curtis at [kf6vfp@arrl.net](mailto:kf6vfp@arrl.net)  
Marsha at [ki6csn@arrl.net](mailto:ki6csn@arrl.net)

Webmaster: Joe Visalli, N9BD

---

## **CLUB OFFICERS**

Pres.: Vacant  
Vice Pres.: Eleanor Knox, KI6CSO  
Secretary: Linda Maas, KK6SOZ  
Treasurer: June McJunkin, N6JEY

## **BOARD OF DIRECTORS**

Joe Visalli, N9BD  
Kathy Burns, N7WVW  
Manna Whelchel, KA6ETB  
Matthew den Hollandar, AC6MF  
Lester Allan, KK6SYV  
Herb Pucket, W6HBU

## **REPEATER TRUSTEE**

Dave Gartner, WD6AXM

## **LIAISONS**

ARES: Steve Sweetman, K6TAZ  
ARRL SM: Carol Milazzo, KP4MD  
VE Liaison: LeRoy Smith, KJ6DKM

## **UPCOMING EVENTS**

06 Dec 6:00 P.M. Christmas Party,  
Pioneer Hall, First United Methodist  
Church, 8<sup>th</sup> and D Street, Marysville

20 Dec 7:00 P.M. Board Meeting  
Cancelled

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

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

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

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

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

Monday nights at 8:00 P.M. – Butte  
County ARES net, 145.280 MHz–offset,  
PL 110.9

Tuesday nights at 8:00 P.M. –  
GEARS Club net, 146.850 MHz – offset,  
PL 110.9

Thursday nights at 7:00 P.M. weekly  
– ARES net.

# VALLEY HAM NEWS

November 2016

---

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.

Other nets (From the GEARS Radiator Newsletter)

Sac Valley Net, 7:00 P.M., 2nd Wed of the month 146.850 MHz – offset, 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.

Club repeater: 146.085 MHz out, 146.685 MHz in, PL 127.3

---

## **CLUB STORE**

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

1. PL295 coax connectors, 34 each. Cost is \$1.99 each.
2. RG8X reducers, 18 each. Cost is \$0.69 each.
3. Power Pole connectors, 105 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, 10 each. Cost is \$0.50 each.
6. 10 AWG Red/Black Power Zip Cord, 23 feet. Cost is \$1.38 per foot.
7. RG8X Black Coax, 350 feet.

Cost is \$0.39 per foot.

8. 7 BNC Female to SMA Female Adapter, \$3.50 each.

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](mailto:kf6vfp@arrl.net), on the air, or at one of the club meetings.

---

## **GENERAL MEETING**

The next general meeting will be December 6<sup>th</sup> at the Marysville First United Church, Pioneer Hall. The church is at the corner of 8<sup>th</sup> and D Street in Maryville.

We will be having our Christmas Party and a catered dinner provided by Porky's BBQ. Doors will open at 6:00 P.M. and dinner will start at 6:30 P.M.

There will be door prizes with the grand prize of a generator.

Hope to see you all there.

---

## **TECHNICIAN CLASS**

The club will again be sponsoring a technician class. Classes will be held at the American Red Cross Center, 2125 East Onstott Frontage Road, Yuba City, classroom 1. It will be taught from 6:30 to 8:30 Monday and Wednesday evenings from Jan 2<sup>nd</sup> thru Feb 28<sup>th</sup>.

There is no cost for the classes, however you will need an up-to-date manual. You can obtain a Kindle

# VALLEY HAM NEWS

November 2016

---

version from Amazon, purchase a copy from a bookstore, ARRL, or order one thru the instructor.

The instructors will be Curtis (KF6VFP) and Joe Visalli (N9BD)

Please get the word out to family, friends and anyone you know who is interested in getting their license.

More information can be obtained from Curtis at (530) 743-3003 or [KF6VFP@arrl.net](mailto:KF6VFP@arrl.net).

Curtis, KF6VFP

---

## ***ELECTIONS RESULTS***

The election of YSARC officers and board members for 2017 was held on Tuesday, November 1, 2016. The budget for 2017 was approved.

### **Officers:**

President: Chris McLain  
Vice President: Eleanor Knox, KI6CSO  
Secretary: Linda Maas, KK6SOZ  
Treasurer: June McJunkin, N6JEY

### **Board Members:**

Kathy Burns, N7WVW  
Matthew den Hollander, AC6MF  
Joe Visalli, N9BD  
Manna Whelchel, KA6ETB  
Mark Peters, KA6FFM

YSARC's 2017 budget:

Petty Cash:	\$150
General Fund:	\$1500
Club Meeting Prizes	\$325

Club Store	\$250
Office Supplies	\$700
Christmas Drawing	\$250
Repeater Fund	\$500
Special Events	\$500
Memorial Fund	\$150

Total	\$4325
-------	--------

Volunteers for non-elected positions for 2017:

### **VHN Newsletter**

Curtis Sylvester-Jose, KF6VFP  
Marsha Sylvester-Jose, KI6CSN

### **Club Prizes**

Vacant

### **Net Control Manager**

Kathy Burns, N7WVW

### **Club Store**

Curtis Sylvester-Jose, KF6VFP

### **Christmas Party**

Vacant

### **Field Day**

Mark Peters, KA6FFM

### **Veterans Parade**

Steve Sweetman, K6TAZ

### **Bike around the Buttes**

John Rogers, KI6UDF

Please volunteer! This is your club.

---

## ***VETERANS DAY PARADE***



This year 183 entrants marched in the Marysville Veterans Day parade. Twelve ham volunteers worked in the staging areas. Many thanks to:

# VALLEY HAM NEWS

November 2016

---

K6TAZ, Steve Sweetman - Net Control  
WA1NER, David Wainer - 6th St  
KJ6DKM, LeRoy Smith - 6th St  
KI6UDF, John Rogers - 7th St East  
KI6CSO, Eleanor Knox - 7th St East  
KK6UZD, Chris McLain - 7th St West  
KF6VFP – Curtis Sylvester-Jose - D St  
K6HE, Don Fair - 8th St East  
KN6WX, Wade LaRue - 8th St East  
KA6FFM, Mark Peters - 8th St West  
KN6TED, Ted Herman - Shadow  
KJ6IYM, Andy Boone - D St



Wade, Curtis, and Don oversee traffic between 7<sup>th</sup> & 8<sup>th</sup> Streets.

---

## **HAM Q CODE TRIVIA**

How well do you know your Q codes?

1. What is your QTH?
2. Please QRO, your signal is faint.
3. What is the QTR in your location?

Answers will be in next month's newsletter or go to [ARRL.ORG/files/file/Get on the Air/Comm w Other Hams-Q Signals.pdf](http://ARRL.ORG/files/file/Get%20on%20the%20Air/Comm%20w%20Other%20Hams-Q%20Signals.pdf)

---



Eleanor, John, and Chris direct parade participants on 7<sup>th</sup> Street.



LeRoy directs parade entries on 6<sup>th</sup> Street.

## **YSARC CHRISTMAS PARTY**



We are looking forward to our **December 6, 2016** YSARC Christmas Party, which will be held at the Marysville Methodist Church Pioneer Hall, 730 D Street (corner of 8<sup>th</sup> and "D" Streets), in Marysville. The arrival time is 6:00 pm. The caterers will arrive and set everything up. **Remember** to bring

# VALLEY HAM NEWS

November 2016

---

your tickets with your name written on them, as well as the seller from whom you purchased said ticket.

Porky's BBQ will be serving chicken, pulled pork, baked beans, coleslaw, rolls, and green salad with a choice of either ranch or Italian dressing. We will also have a cake. Beverages available are: Starbucks coffee, soda, and bottled water.

Our drawing prize is a \$40 Winco gift card. Manna (KA6EBT), Cindy (KK6OIO), Wade (KN6WX), and Bob (N6BOB) are selling dinner tickets. These tickets can be sold until **November 4th** when we have to give the final head count to Porky's.

Be thinking of whom all you would like to bring along also. There are surprises and drawings and a gift certificate.

So, looking forward to seeing you all..... 73

Manna 

Price is \$14.00 per adult, \$8.00 per child 6-11 and children under 5 free.

---

## **MEMBERSHIP RENEWAL**

It is getting to be that time of year again when we remind everyone to renew his/her membership for 2017. The application form for renewal is available on the club website at:

(<http://ysarc.org/index.php/join-now>).

---

## **VE TEST SESSION**

The next VE session will be 7 January at 715 King Ave., Yuba City at 9:00 A.M. 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 all who are taking exams.

---

## **TECHNICIAN, GENERAL AND EXTRA CLASS QUESTION POOL REVIEW**

From the Technician Class question pool:

T5D05 What is the resistance in a circuit for which the applied voltage is 12 volts and the current flow is 1.5 amperes?

- A. 18 ohms
- B. 0.125 ohms
- C. 8 ohms

# VALLEY HAM NEWS

November 2016

---

D. 13.5 ohms

The correct answer is C. Ohm's law states that Voltage (V) or Electromotive Force (E) (measured in volts) equals Current (I) (measured in amperes or amps) times Resistance (R) (measured in ohms) –  $E = IR$  or  $V = IR$ . Note: Using voltage is the more archaic form of the formula. Modern usage use electromotive force.

You can think of the electromotive force as the electrical pressure causing current (electrons) to flow thru a given resistance. Increase the resistance and keep the voltage the same and less current flows.

Back to the question:

$$E = IR$$

Solving for resistance:

$$\begin{aligned} R &= \frac{E}{I} \\ R &= \frac{12}{1.5} \\ R &= 8 \text{ ohms.} \end{aligned}$$

From the General Class question pool:

G4D05 How does a signal that reads 20 dB over S9 compare to one that reads S9 on a receiver, assuming a properly calibrated S meter?

- A. It is 10 times less powerful
- B. It is 20 times less powerful
- C. It is 20 times more powerful
- D. It is 100 times more powerful

The correct answer is D. The dB is a logarithmic used to express the ratio of two physical quantities; in our case the power of received signals. The formula is

$$dB = 10 \log \frac{PowerA}{PowerB}$$

A 20 dB signals corresponds to a PowerA being 100 times more than PowerB.

From the Extra Class question pool:

E6A01 In what application is gallium arsenide used as a semiconductor material in preference to germanium or silicon?

- A. In high-current rectifier circuits
- B. In high-power audio circuits
- C. In microwave circuits
- D. In very low frequency RF circuits

The correct answer is C. Gallium-arsenide (GaAs) has electron mobility and drift velocity (both are measures of how easily electrons are able to move through the crystal lattice) far higher than the standard doped germanium or silicon. GaAs devices are relatively insensitive to overheating owing to their wider energy bandgap and they also tend to create less noise in electronic circuits than silicon devices, especially at high frequencies. These superior properties are compelling reasons to use GaAs circuitry in mobile phones,

# VALLEY HAM NEWS

November 2016

---

satellite communications, microwave point-to-point links and higher frequency radar systems. It is also used in the manufacture of Gunn diodes for the generation of microwaves.

[https://en.wikipedia.org/wiki/Gallium\\_arsenide](https://en.wikipedia.org/wiki/Gallium_arsenide)

Curtis (KF6VFP)

---

## ***EDITORS COMMENTS***

3 December 2016 is the annual SKYWARN Recognition Day. Share your experiences in next month's VHN. Please send pictures with your ham equipment. For more information about SKYWARN:

[www.arrl.org/skywarn-recognition-day](http://www.arrl.org/skywarn-recognition-day)

Pictures and stories of ham related events are always welcome. Please send to: [KI6CSN@arrl.net](mailto:KI6CSN@arrl.net) or [KF6FVP@arrl.net](mailto:KF6FVP@arrl.net)



# VALLEY HAM NEWS

November 2016



## **Yuba Sutter Amateur Radio Club** **Board of Directors Meeting Minutes Oct. 18, 2016** Red Cross building 2125 E Onstott Rd, Yuba City, CA 95991



Meeting called to order by Curtis Sylvester-Jose KF6VFP at 1907 hours.

### **Officers and Board Present:**

Secretary Linda Maas KK6SOZ, and Board Members Manna Whelchel KA6ETB, Joe Visalli N9BD, Kathy Burns N7WVW,, Matthew den Hollander AC6MF.

**Absent:** Vice President Eleanor Knox KI6CSO, Treasurer June McJunkin N6JEY, Board Members Lester Allan KK6SYV, Honorary Board Member Dave Gartner WD6AXM and Board Member Emeritus Herb Puckett W6HBU. President office vacant.

### **Members and Guests present**

Curtis Sylvester-Jose KF6VFP, Bob McClard N6BOB, David Wainer WA1NER, Shirley Wainer, Wade LaRue KN6WX, Cindy Torlone KK6OIO

### **Treasurer's Report**

June's Treasurer report for the month ending on Oct. 17, 2016 was passed out by Linda. Liability insurance was purchased for \$200 and will be in effect from Nov 1, 2016 till Nov. 1, 2017. A copy will be needed by Nov.15 by the First United Methodist Church in Marysville. Red Cross will also need a copy. Motion to accept: Joe N9BD/Matthew AC6MF, passed.

### **Secretary's Report**

Sept 20, 2016 board meeting minutes were passed out by Kathy. Motion to accept minutes as written: Matthew AC6MF/Joe N9BD, passed.

**Correspondence:** None

### **Old Business**

- Christmas party – Cindy presented details of ongoing preparations and ticket sales. All beverages are being donated, Walmart giving a 10% discount on cake. Motion to spend up to \$40 on supplies, e.g. cups, plasticware, napkins. (Curtis will donate plates) Joe N9BD/Kathy N7WVW, passed. David said the club may have a storage of supplies somewhere. Church is reserved from 6-9pm. Set-up at 6, start eating at 6:30, Santa at 7:30, drawings at 8pm, clean-up at 8:30.
- Joe N9BD will email the new Monday net protocol for the 3<sup>rd</sup> time; some of us still didn't receive it. Net control stations: November is Chris McLain KK6VZD, December is Joe Visalli N9BD.
- Veterans Day Parade – Steve Sweetman K6TAZ still needs a couple more volunteers.
- Nominating Committee - Kathy will create ballots for the November meeting. We will need 1/3 of current membership of 71 people to hold the elections. 24 members need to be present.
-



# VALLEY HAM NEWS

November 2016

---

## **New Business**

- Budget for 2017 - Motion to accept last year's budget for next year. Matthew AC6MF/Joe N9BD, passed.
- General Meeting topics - Need presenters for Jan, Feb, Mar... Curtis said Alfred Dunning might be willing to make a presentation on his visit to HAARP in Alaska for the January meeting.
- Joe N9BD suggested getting a coffee maker for use at the general meetings. Bob will see if he's got an extra.
- Additional funds needed for the one-time Repeater Fee of \$1650 have been attained with donations at the October general meeting and today's board meeting. Many thanks to all who contributed!
- Need to create a list of 2017 club activities, such as Bike around the Buttes, Field Day, 3F Bike ride, Veterans Day parade, etc.

## **Upcoming Club Activities**

- VE sessions: 1<sup>st</sup> Saturday of the odd months: November 5, January 7, and March 4.
- Breakfast every Wednesday morning 8:30am at Dancing Tomato, everyone is welcome

## **Upcoming Club Meetings**

- Tuesday November 1 at 7pm @ Caltrans – ELECTIONS. *We need at least 24 members to have a quorum for voting.* Joe N9BD will do a presentation on logging software.
- Christmas Party – Tuesday, December 6<sup>th</sup>, 6pm-9pm at Pioneer Hall in the First United Methodist Church, 8th & D Streets in Marysville. \$14/person, \$8 kids, 5 and under free. Pulled pork, chicken, BBQ beans, coleslaw, salad, beverages, drawings, and Santa

## **Upcoming Board Meetings**

- Tuesday, November 15 at 7pm @ Red Cross
- 

**Adjourned** at 2004 hours, Joe N9BD/ Matthew AC6MF, passed.

Respectfully submitted by Linda Maas KK6SOZ, YSARC Secretary