

# VALLEY HAM NEWS

July 2015

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

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

**July 2015**

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## **CLUB OFFICERS**

Pres.: Dave Gipson, KC9EI  
Vice Pres.: Ted Herman, KN6TED  
Secretary: Jo Anne Murdock, N6YLO  
Treasurer: June McJunkin, N6JEY

## **BOARD OF DIRECTORS**

Don Elder, KC6PPX  
Kathy Burns, N7WVW  
Chris Price, KD6CP  
Mike Sangria, AG6IP  
Bob McClard, N6BOB  
Herb Pucket, W6HBU

## **REPEATER TRUSTEE**

Dave Gartner, WD6AXM

## **LIAISONS**

ARES: Steve Sweetman, K6TAZ  
ARRL SM: Ron Murdock, W6KJ  
VE Liaison: LeRoy Smith, KJ6DKM

## **UPCOMING EVENTS**

04 Aug – 7:00 P.M. Club Meeting  
Potluck at Marysville First United

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Methodist Church

18 Aug – 6:00 P.M., Board Meeting,  
American Red Cross Building, Yuba City

01 Sep – 7:00 P.M. Club Meeting  
Location to be determined

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

15 Sep – 6:00 P.M., Board Meeting,  
American Red Cross Building, Yuba City

06 Oct – 7:00 P.M. Club Meeting  
Location to be determined

16-18 Oct – Pacificon  
20 Oct – 9:00 A.M., VE Test, 715  
King Ave. Yuba City

Monday nights at 7:00 P.M. – weekly  
net 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.

Third Thursday of each month at

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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

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## ***VE TEST RESULTS AND TEST SESSION***

During the July 11<sup>th</sup> VE session 5 new hams passed their technician element. Congratulations to Theodore Cochran (KK6VHZ), Conroy Ellenson (KK6VHX), Vincent Burns (KK6VHY), John Giles (KK6VIA) and Randall Blankenship (KK6VIB).

The Next VE Test session will be on September 5th 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.

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## **FIELD DAY PHOTOS**



Larry (KE6LAW) and Bob (N6BOB) making contacts

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Antenna Setup



Larry (KE6LAW) and Matthew (AC6MF)  
making contacts on HF

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Chow Time

## FIELD DAY COMMENTS

From Bob McClard

Below is photos of the antennas we used - a G5 RV and a small beam.

We made a little over 150 contacts and most of them are on CW. It took us a long time to get that antenna together so we didn't actually get operating until about 3 PM Saturday afternoon. We operated mostly 15 m CW a little bit phone until around midnight. We resumed operating Sunday morning about 7 AM until 11 A.M. Band conditions were good and the really limiting factor for us was just time. We operated using a generator for power. A small Honda 2000 W generator did the job. We use about 1 gallon of fuel for the entire field day I thought that was really excellent

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Photo of the antennas N6BOB and N6BO used for Field Day

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## **YSARC CLUB MEETING**

The club meeting was held on 7 July at the Yuba County Library. Ron Murdock discussed his experiences DXing. He showed DXing "cards" he has received from various parts of the world. A Baofeng hand held radio and a mag mount antenna were grand prizes.

The next club meeting will be held on Tuesday, August 4th at the Marysville First United Methodist Church, 730 D Street, Marysville (corner of 8<sup>th</sup> and D). Bring a dish to share and your own plates and silverware. The club will provide coffee and water. This meeting will be a social gathering and potluck.

Visitors are welcome to come and join us.

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## **ARRL UHF CONTEST<sup>1</sup>**

August 1-2. Objective: To work

as many amateur stations in as many 2 degrees by 1 degree grid squares as possible using authorized amateur frequencies above 222 MHz and all authorized modes of emission.

1. <http://www.arrl.org/august-uhf>

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## **ROOKIE ROUNDUP**

The Rookie Roundup<sup>2</sup> returns to RTTY on Sunday, August 16, 1800 UTC through 2359 UTC. This is a great opportunity for new operators to get on the air and learn the skills of contesting.

"Old Timers" should also take note of this event. Consider opening your station up to a rookie (or two) and become an elmer. Remember, the more operators are on the air, the more fun the 'Roundup' will be for everyone.

Be sure to read the rules before the event. It is also helpful to be familiar with the logging and submission processes ahead of time. You're in the right place; browse this page for information and tips on operating the Rookie Roundup. We hope to hear you on the air!

2. [www.arrl.org/rookie-roundup](http://www.arrl.org/rookie-roundup)

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## **CLUB STORE**

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

1. Marine grade white RG8X coax,

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13 feet. Cost is \$0.41/foot.

2. RG8X Black coax, 320 foot reel.  
Cost is \$0.41/foot.

3. PL295 coax connectors, 57 each.  
Cost is \$1.99 each.

4. RG8X reducers, 40 each. Cost is  
\$0.69 each.

5. Power Pole connectors, 119 red/  
black pairs. Cost is \$1.00 per pair.

6. 12 gauge red/black wire for  
power connections, 25 feet. Cost is  
\$1.00/foot.

7. Coax wrap, 2 rolls. Cost is \$4.00  
per roll.

8. LMR 400 coax, 40 feet. Cost is  
\$0.90/foot.

9. RG8X strain relief boots, 14 each.  
Cost is \$0.50 each.

If you are interested in purchasing  
any of these items contact the club store  
manager, Curtis (KF6VFP) at (530) 743-  
3003 or on the air.

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

From the Technician Class question  
pool:

T8D01 Which of the following is an  
example of a digital communications  
method?

- A. Packet
- B. PSK31
- C. MFSK
- D. All of these choices are correct

The correct answer is D. Packet

communications uses the x.25 protocol  
for communications over wide area  
networks. It was developed for use over  
telephone networks and adapted for  
radio and can be thought of as a type of  
radio internet. PSK31 is a digital mode  
that uses Phase Shift Keying for  
keyboard to keyboard communications.  
MFSK is a digital mode that uses Multi-  
frequency shift keying for keyboard to  
keyboard communications.

From the General Class question  
pool:

G8C07 How does the receiving  
station respond to an ARQ data mode  
packet containing errors?

- A. It terminates the contact
- B. It requests the packet be  
retransmitted
- C. It sends the packet back to the  
transmitting station
- D. It requests a change in  
transmitting protocol

The correct answer is B. ARQ stands  
for Automated Repeat Request and is  
used in computer to computer  
communications to request a packet that  
has errors be resent. This allows for the  
detection and correction of packets in  
error due to corruption, duplication,  
misdelivery, or out-of-sequence.

From the Extra Class question pool:

E2E03 How is Forward Error  
Correction (FEC) implemented?

- A. By the receiving station repeating

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each block of three data characters

B. By transmitting a special algorithm to the receiving station along with the data characters

C. By transmitting extra data that may be used to detect and correct transmission errors

D. By varying the frequency shift of the transmitted signal according to a predefined algorithm

The correct answer is C. In digital communications the packet sent can contain additional bits that allow for correcting of limited number of errors without retransmission. There are many different types of FEC algorithms for use in different situations. For example satellite communications often use block codes.

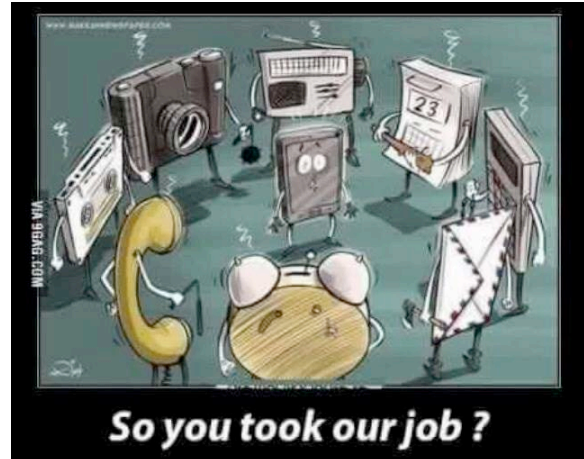
Curtis (KF6VFP)

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## ***NAME BADGES***

The club is looking into the possibility of obtaining name badges for members who want one. If you are interested please let a club officer or board member know so we can get an idea of how many.

The badges will have the club logo, your call sign, name and Yuba-Sutter ARC on them. A magnetic strip will be used to secure the badge to your shirt.



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## ***EDITORS MESSAGE***

Fires, fires, fires everywhere! Swedes fire to the north, Lowell fire to the east, a fire near the Yuba County dump to the west.

It is a very dry year and the fire hazard is extreme. As hams we may be asked to help provide communications. Keep your eyes and ears open and be safe.

Curtis (KF6VFP) and Marsha (KI6CSN)