

The VALLEY HAM NEWS

**The Voice of the Yuba Sutter Amateur Radio Club
A California Non-profit Organization**

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**

September 2014

Editors: Curtis R Sylvester-José, KF6VFP Webmaster: Ted Herman, KN6TED
Marsha L. Sylvester-José, KI6CSN
Telephone: 530-743-3003
E-Mail: kf6vfp@arrl.net
ki6csn@arrl.net

CLUB OFFICERS

**Pres.: Mike Eby, KM6EBY
Vice Pres.: Steve Albecht, KJ6VCF
Secretary: Matthew den Hollander,
AC6MF
Treasurer: Clara Ansley, KC6JPP**

BOARD OF DIRECTORS

**Sheri Goforth-Eby, K6AVW
June McJunkin, N6JEY
Curtis Sylvester-Jose, KF6VFP
Ted Herman, KN6TED
Don Elder, KC6PPX
Herb Pucket, N6HBU**

REPEATER TRUSTEE

Dave Gartner, WD6AXM

LIAISONS

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

UPCOMING EVENTS

Oct 4-5, CA QSO
Oct 4-5, ARRL Simulated
Emergency Test (SET)
Oct 7, Club Meeting and potluck,
Marysville First United Methodist
Church, Pioneer Hall, Set-up at 5:30
P.M., eat at 6:00 P.M.
Oct 10-12, Pacificon
Nov 1, 9:00 A.M., VE Test Session,
75 King Street, Yuba City
Nov 4, 6:00 P.M. Club meeting and
election, 2-Bits Cafe
Nov 11, 9:00 A.M. – 1:00 P.M.,
Veterans Day Parade support
Nov 18, 6:00 P.M., Board Meeting,
American Red Cross Building, Yuba City

Wednesday and Friday nights from
6:30 to 8:30 P.M. until Oct 24th.
Technician Class an at the American
Red Cross.

VALLEY HAM NEWS

August 2014

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 on Chico repeater.

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

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.

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

NEXT BOARD MEETING

The next Board Meeting will be at the American Red Cross on September 16th.

Visitors are welcome to come and join us. The meeting begins at 6:00 P.M.

Bring your suggestions, gripes and offers to help.

ARRL SIMULATED EMERGENCY TEST SCHEDULED FOR OCTOBER 4-5 WEEKEND¹

The national ARRL Simulated Emergency Test (SET) is slated for the October 4-5 weekend, although the window for local and regional exercises is September 1 through November 30 each year. All groups conduct their events over the course of 48 hours. The SET is a nationwide exercise in disaster response and emergency communication, administered by ARRL

emergency coordinators and net managers, in which volunteers respond to a mock emergency or disaster, such as an earthquake or hurricane.

The SET offers volunteer public service communicators the opportunity to focus on their capabilities, strengths, and weaknesses while interacting with NTS nets. It also provides a public demonstration -- to served agencies such as the Red Cross, state and local emergency managers, and the news media -- of the value that Amateur Radio provides. The SET helps radio amateurs gain communication experience using standard procedures and a variety of modes, under simulated disaster-response conditions. Participating groups earn points toward an overall SET score, adding a competitive component to the activity.

1. Copied from
<http://www.arrl.org/arrlletter&issue=current#toc01>

PAUL'S (N6XVL) MEMORIAL SERVICE

On the afternoon of September 21, we celebrated the life of Paul Johnson, N6XVL. It was a gathering Paul would have enjoyed. There was food and friendship. People who spoke mostly talked about Paul.

Being the center of attention may have made him uneasy—he did not necessarily like that—but he had earned our friendship and respect and he would have accepted the remarks in that vain.

I'll remember Paul as a real ham, who did the best he could with what he had. Many were the times I had him

VALLEY HAM NEWS

August 2014

relay to me a message sent by another ham operator, and beyond that simple courtesy, he learned to become a competent traffic handler for formal written traffic.

It is said Paul wants his remains to be interred at the National Cemetery in Dixon. At this time I do not know if his wishes will be granted, but I hope we can arrange that. Paul lived 70 years and at one time joined the U.S. Air Force. During basic training it was discovered that his vision was failing—eventually he would be legally blind. So it is understandable that he was discharged for medical reasons. But he did join the Air Force and would have served honorably I am sure had he been able to stay

It reminds me of another who we had among us for far too short a time. The author Robert Louis Stevenson lived a mere 44 years and suffered from weak lungs most of that time. In 1887 he published a collection of poems including Requiem.

*Under the wide and starry sky
Dig the grave and let me lie:
Glad did I live and gladly die,
And I laid me down with a will.*

*This be the verse you 'grave for me:
Here he lies where he long'd to be:
Home is the sailor home from the sea,
And the hunter home from the hill.*

73,
Ron, W6KJ

TECHNICIAN CLASS

At present we have six regular

attendees for the class. Three new to amateur radio, two who are reviewing prior to study for their extra class license and one reviewing prior to study for his general class license..

One of the students is eight years old and likes to show off how much he has learned by providing the answer before everyone else.

Last Friday we had two young ladies stop by asking if this was the communications class. We explained what we were studying and how far along the class was. They ask if we would be teaching another class soon and provided an email address so we could let them know when the next class starts.

Still looking for some hams to step forward and volunteer to be elmers for students who are reviewing for general and extra class license.

Curtis, KF6VFP

VETERANS DAY PARADE

The Veterans Day Parade is coming up on 11 Nov. Lonnie Moore, KI6ZYY has agreed to be our liaison this year with the American Legion.

So far we have 7 volunteers to help out. More are needed.

We use at least two hams on each street, a shadow, and net control. Approximately 10-15 hams are needed to fill all the positions. For those hams under 18, there is some paperwork that needs to be completed before 11 Nov.

Before the parade, the Elks club serves a breakfast. Many of us meet

VALLEY HAM NEWS

August 2014

there, eat and then go over to the parade.

OCTOBER CLUB MEETING

October 7th, the club meeting will be held at the First United Methodist Church, Pioneer Hall. Doors and gate will be open around 5:30 P.M. and dinner will start at 6:00 P.M. Bring your own plates and silverware and a dish to share. Cans of Pepsi and bottles of water will be available. Dress up in costume if you want, something related to ham radio.

OFFICERS & BOARD MEMBERS NEEDED

Volunteers are needed to fill board and officer positions for 2015. Someone is needed to take over as the Club Treasurer. Clara is retiring from the position. Board members, President, Vice President, Treasurer, Secretary and meeting prize manager are also needed.

Currently we have/need volunteers for the following:

President: _____

Vice President: _____

Treasurer: _____

Secretary: Matthew (AC6MF)

Board Members:

Meeting Prizes: _____

If you are interested in filling any of these positions please let Matthew (AC6MF) or any officer or board member know.

Remember, elections will be at the November club meeting on November 3rd.

CA QSO

2014 is the 48th running of the California QSO Party - 'CQP' - perhaps the largest US State QSO Party!

The objective of the CQP is to work as many stations in California as you can on both CW and Phone. Stations may be worked once per mode/band combination for points with California Counties (58 of them) as individual multipliers.

California stations get credit for working stations inside and outside of the state with US States and Canadian Provinces as their multipliers.

The contest runs from 1600 UTC October 4th, 2014 to 2200Z on October 5th, 2014.

For more information go to: www.cqp.com.

CROSSWORD

On the last page is a ham related crossword for you to solve. Have fun.

Solution next month.

VALLEY HAM NEWS

August 2014

Marsha (KI6CSN)

TECHNICIAN, GENERAL AND EXTRA CLASS QUESTION POOL REVIEW

From the Technician Class question pool:

T3A08 Which of the following is a likely cause of irregular fading of signals received by ionospheric reflection?

- A. Frequency shift due to Faraday rotation
- B. Interference from thunderstorms
- C. Random combining of signals arriving via different paths
- D. Intermodulation distortion

The correct answer is C. Radio waves that travel different paths to a receiver can interfere with each other, especially if they are out of phase. This phenomenon is called multipath propagation. Multipath propagation causes signals to become weak, distorted or to fade out completely.

From the General Class question pool:

G3C07 What makes HF scatter signals often sound distorted?

- A. The ionospheric layer involved is unstable.
- B. Ground waves are absorbing much of the signal.
- C. The E-region is not present.
- D. Energy is scattered into the skip zone through several different radio wave paths.

The correct answer is D. This is an example of multipath propagation and the various radio signals are reinforcing and cancelling each other resulting a distorted sound. The usual effect is a fluttering or wavering sound.

From the Extra Class question pool:

E3B08 What type of propagation is probably occurring if radio signals travel along the terminator between the daylight and darkness?

- A. Transequatorial
- B. Sporadic-E
- C. Long Path
- D. Gray-Line

The correct answer is D. The clue in this question is "radio signals travel along the terminator between the daylight and darkness."

The dividing line between day and night is called the terminator. There is a gray band that extends to either side of the terminator.

When radio signals can propagate thru sky-waves in this gray band you have gray-line propagation. This occurs because the D-Layer (absorbs HF signals) disappears on the sunset side before it has time to build up on the sunrise side.

Gray-line propagation occurs around twilight. 160, 80, 40 and 30 meter bands are the bands that most experience gray-line propagation

because they are the bands most affected by the D-layer absorption.

Ref: *The Extra Class License Manual*, page 10-4.

Curtis (KF6VFP)

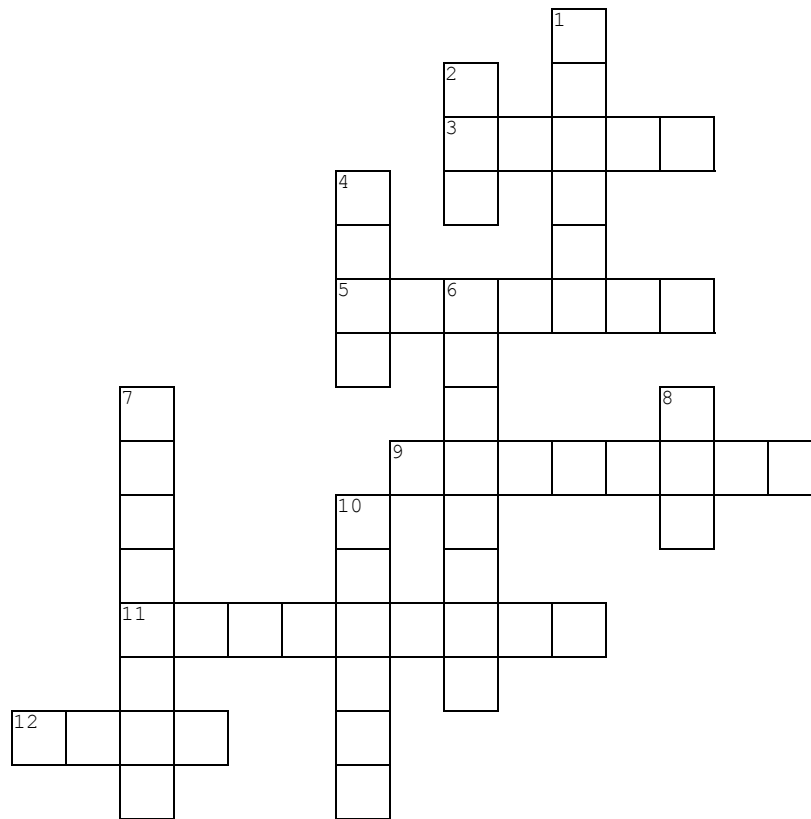
EDITORS MESSAGE

YSARC elections are coming up in November. One club member has volunteered. New volunteers are needed to fill the posts of: president, vice president, treasurer, and five board of directors. Help keep this club an active growing club! Your leadership is needed. A nomination sign up sheet will be available at the October potluck.

We are interested in any ideas of what you would like to see in the newsletter. If you have an idea please email us. If you have an article you would like us to publish, send it. If you have a photo your willing to share, please send it to us. Your inputs make our part easier.

Marsha (KI6CSN) and Curtis (KF6VFP)

Ham Radio Odds & Ends



Created on TheTeachersCorner.net Crossword Maker

Across

- 3.** Basic unit of frequency
- 5.** Test instrument that measures current
- 9.** Dark spots on the surface of the sun
- 11.** Stores energy in an electrical field
- 12.** Central support of an array antenna

Down

- 1.** Electrical current that flows in one direction only
- 2.** Basic unit of electrical resistance
- 4.** A directional antenna
- 6.** Vary the amplitude, frequency, or phase
- 7.** Stores energy in a magnetic field
- 8.** Record of a station's operation
- 10.** An Amateur Radio license