



# THE VALLEY HAM NEWS



## "The Voice of the Yuba Sutter Amateur Radio Club"

A California Non-Profit Organization

July 2011



## "HAM NATION" IS HERE

'Podcasting' has come to ham radio. What?, you've never heard of podcasts? Podcasts are either audio or video 'shows' on the internet that are usually sent in parts or episodes much like your weekly TV programs. There are thousands of podcasts available on many subjects. Most podcasts are free. So, how

click on "Podcasts". Then, in the "search" line, type: ham nation. It will give you 3 options: #1. an audio version, #2. a small video version, or #3, a large video version. You will want one of the video versions. Click the "subscribe free" tab. Now, click on 'podcasts' under your "Library" in the column on the left of your screen. You should see Ham Nation in your list of podcasts. Be sure to click on the "Get" tab to download all of the episodes. After you have downloaded the episodes, double click on one of them, turn up the volume on your speakers, and enjoy! You can also search for Ham Nation at [www.youtube.com](http://www.youtube.com). Here are some screen shots...

73 Russell, KB6YAF



about ham radio? The latest, and greatest is a new podcast called "Ham Nation" from TWiT Netcast Network. (it's not Twitter). Ham Nation is hosted by Bob Heil, K9EID. Yes, that is the same Bob Heil that manufactures those wonderful microphones and headsets. There are currently 5 episodes, with a new one added every week. Each episode is about an hour long, and they're FREE. I use iTunes to subscribe to them. You can download "iTunes" FREE at [www.apple.com](http://www.apple.com) for either PC or Mac computers. After opening iTunes, click on "iTunes Store", then

**YSARC**  
PO Box 1169, Yuba City, CA  
95992

### President

Lonnie Moore, KI6ZYY

### Vice President

Andy Boone, KJ6IYM

### Secretary

Meg Burgin, KI6TLS

### Treasurer

Clara Ansley, N6VRH

### Board Members

Herb Puckett, W6HBU

Barry Barnes, KE6LW

Lee Sheffield, KC6MCI

Russell Decker, KB6YAF

### VHN Editor and Webmaster

Russell Decker, KB6YAF

### Repeater Trustee

Dave Gartner, WD6AXM

### MONTHLY ACTIVITIES

1st Wednesday: Club Meeting  
3rd Wednesday: Board Meeting

**(Check the minutes for details on the Club and Board Meetings)**

*All newsletter submissions are due on or before the 4th Wednesday of the month*

### UPCOMING EVENTS

July 6th - Wed. @6pm - **YSARC Dinner Dinner Meeting** at "2 Bits Cafe" in Yuba City, CA (Program: Andy Boone's LED's)

July 20th - Wed. 7:00pm - **YSARC Board Meeting** - Place TBA

### CLUB ACTIVITIES

Monday Night Net - (7 PM) - Weekly net w/swap shop  
(146.085 + PL 127.3)

Monday Night Net - (8 PM) - Butte Co. ARES Net  
(146.850 - PL 110.0)

Tuesday Night Net - (7 PM) - YSARC ARES Net  
(146.085 + PL 127.3)

2nd Wednesday - (7 PM) - ARRL Sac Valley Net

# MEG'S MINUTES

YSARC Board Meeting Minutes - June 15<sup>th</sup>, 2011

A regular Board of Directors meeting of the Yuba Sutter Amateur Radio Club was held at the QTH of Meg Burgin, KI6TLS. The meeting was called to order by President Lonnie Moore, KI6ZYY, at 1907-hours. All stood for the Pledge of Allegiance.

Club Officers present were: President Lonnie Moore – KI6ZYY, Secretary Meg Burgin – KI6TLS. Vice President Alfred Herrmann, KD6NSQ and Treasurer Clara Ansley, N6VRH were both absent.

Board Members present were: Barry Barnes – KE6LW, Andy Boone – KJ6IYM, Herb Puckett – W6HBU, and Lee Sheffield – KC6MCI. Russell Decker – KB6YAF was absent.

Guests introduced were: ARRL Section Manager Ron Murdock – W6KJ, Ramona Traub, and Linda Puckett/Perkins.

Officers Reports: Minutes of the previous meeting were approved as read. Correspondence: A Thank You letter from Yuba Sutter Domestic Animal Disaster Assistance was received for the installation of a mobile radio in their command center trailer. A second correspondence was an IRS notice of revocation of non-profit status for the club due to failure of filing for the last three years, which was forwarded to Treasurer Clara Ansley – N6VRH.

The Treasurers Report had been emailed for the meeting and was approved as read. The balance in the club account at Umpqua Bank as of this meeting was \$2,651.06, with all bills paid to date.

Under Old Business: President Lonnie Moore – KI6ZYY reviewed the success of the membership meeting/Pot Luck held at Burgin's QTH where plans for Field Day station were laid out. He reported that CW practice had been moved to 146.420 simplex, due o interference on 146.460. Coax cable order was canceled due to “out of stock” condition and will be reordered next week.

Under New Business: Club activities and locations were reviewed with a July Fox Hunt; a Tech Night at Burgin's QTH in August; VE Exams, Ant Shoot and Lincoln Ham Fest at McBean Park September 10<sup>th</sup>; California QSO Party as a Special Event Station in October; Veteran's Parade and Election of Officers in November; Christmas Party and radio drawing in December.

July 6<sup>th</sup> - Membership Meeting/Nation's Birthday Bash will be held at 2-Bit's Cafe with Andy Boone providing a program on LED's.

August 3<sup>rd</sup> - Membership Meeting for Tech Night at Burgin's QTH.

September 7<sup>th</sup> - Membership Meeting

October 5<sup>th</sup> - Membership Meeting

November 2<sup>nd</sup> - Membership Meeting at 2-Bit's Cafe

December 7<sup>th</sup> - Membership Meeting at 2-Bit's Cafe

Board Member absences were discussed and the likelihood of Andy Boone stepping into the position of Vice President, providing another club member would be willing to step into Andy's Board position could be found. The Board also felt that someone was needed to step up to assist with Treasurer and Public Information Officer duties. Interested club members please contact President Lonnie Moore, KI6ZYY.

ARRL Section Manager, Ron Murdock, W6KJ mentioned a recent QST article by John Hallas, W1ZR, Solar Indices – What Do They Mean? He felt that this topic would make an interesting study and presentation for the club. Please read the article in the July QST on page 37.

Under Unfinished Business: Meg Burgin, KI6TLS, reported that Field Day Publicity was all out and fliers were distributed. The Board approved \$100.00 for food for event operators. Please listen and watch for Public Service Announcements.

Ramona Traub served Root Beer Floats to the Board for refreshments.

Respectfully submitted by Meg Burgin – KI6TLS, YSARC Secretary

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## WELCOME NEW YSARC MEMBERS

*The Yuba Sutter Amateur radio club welcomes our newest members!*

KJ6PRY JOHN D. MONSEN, KJ6PRY ROCKLIN , CA

## The Dark Emitting Diode

The following announcement was made in the April, 1987 issue of "*The Cochise SMOKE*", Official Organ of CARA, The Cochise Amateur Radio Assn, Inc. Sierra Vista, AZ

### CARA LABORATORIES DEVELOP VISIBLE LIGHT CONTROL MODULE - LOCAL PRODUCTION CONSIDERED

Most CARA members are aware of building construction, property development and antenna range projects underway at the club's training facility. One project, however, has been cloaked in secrecy and has consumed many man-hours and no small amount of the CARA stockpile of modern electronic components. Known only by its codename of "*Tennessee Chickenfoot*", members of a highly select team assigned to the CARA Laboratories have assembled in the pre-dawn hours each week and worked toward a breakthrough in the control of visible light. This breakthrough has been accomplished!!

Dale Green, K7RDG and his *Tennessee Chickenfoot* team announced the development and successful testing of the visible light control module on Friday, Feb 20, 1987. This test was conducted at the *No Shoulders Hotel*, located on the western side of the training facility. Unfortunately, the team used an omnidirectional emitter and the test was observed by all the residents of the San Pedro Valley. Fortunately, most thought the early darkness, sudden low level clouds and subsequent snowfall was a freak of nature.

The heart of the visible light control module is a "Dark Emitting Diode" (DED), invented by the Chickenfoot team. A Patent Application as been filed.

The manufacture of equipment utilizing the DED is scheduled to begin as soon as field tests are completed. Several products are under consideration. The photography industry has expressed interest in the portable darkroom which utilizes the DED and four highly directional antennas. This product appears to have high marketability in the Sunbelt states.

Drive-in theater operators have expressed interest in a larger version which would control the visible light in an area large enough to encompass a 60x100' outdoor theater screen. The obvious advantage of the unit would be to allow outdoor theaters to operate in broad daylight, greatly increasing the number of hours the drive-ins could attract customers. Second and third shift workers have expressed interest in a model which would cover bedroom areas of varying sizes. Development of a unit which utilizes an isotropic monopole is under way.

Day nurseries are interested in a model which is highly directional and can be aimed at children who fall asleep in different parts of the nursery. There would be no requirement to move these children into the bedroom area. They will just aim the visible light control module at the child and let him/her sleep in the dark where he/she is. Some office workers have expressed an interest in a smaller version of this model which could be attached to a corner of their desks.

A small 12 volt version is under consideration. This unit would emit darkness in an area confined to the interior of an automobile. The market for this unit would seem to be daytime drive-in customers, couples who park at scenic areas in daylight and are currently restricted to just enjoying the scenery, and to folks who drive long distances during daylight hours. These drivers would benefit greatly by being able to pull off the road, turn on the DED amplifier, and grab a few minutes of sleep in the dark, enveloped in the comfort of their car. This unit is endorsed by the Department of Public Safety.

A backpack portable unit was considered, but the U.S. Border Patrol has instituted legal action to prohibit its manufacture.

Local law enforcement agencies have requested the development of a small handheld unit which would be powered by 5 "D" cells. This unit, tentatively called a "*Flashdark*", could be focused on a suspect's eyes, while apprehending officers approached in total safety.

Market studies are under way to determine other applications of the DED and the visible light control module. Teams are currently conducting studies at offices of several international airlines, AMTRAC, and Greyhound. There have been rumors that the FAA is conducting its own research into the cutoff boundaries of the aircraft unit. They want to be sure the darkness does not leak into the flight deck during daylight flights.

The Department of Defense is conducting classified tests for application in the forward areas of a battlefield. Large front line units are under construction and will be tested in the near future.

The ACLU is giving consideration to providing legal assistance to CARA in fighting the Border Patrol opposition to the backpack units.

You will be kept apprised of further developments in these activities. Attend the monthly meetings of CARA for updates. Out of town members will be brought up to date by an article to be published in the April 1, 1988 issue of the Cochese SMOKE.

Reported by K6FO.

N6FAB de WA6NWE: at 1239 on 870825

## PRESIDENT'S CORNER.....

Hello from the shack of KI6ZYY. Ramona & I have been pretty busy with preparations for Field Day & I have neglected my responsibilities with the Valley Ham News. As I write this, we are getting ready to head out the door for Meg's place. We will be there a half day early in an effort to get our cat (Bu) acclimated to living in a tent for a time. Fun stuff.

So many things happening & so little time to tell you about them. Alfred Herrmann, KD6NSQ was willing to be our Vice President this year, but several things have kept him from it. A whole list of people was looked at in an effort to find a replacement. In the end, the Board acted to replace Alfred with Andy Boone, KJ6IYM for the remainder of the year. Thanks to Alfred & Andy for their willingness to serve.

I owe a debt of gratitude to our club officers and board members for all the help they have given me in my efforts to push this club forward. I've had a few radical ideas and I'm sure I've rubbed some hair the wrong way. I offer an apology for that, and ask that you bear with me. I've been acquainted with a number of clubs over the years. Many of them suffer melt downs and conflicts. The Yuba Sutter Amateur Radio Club certainly has a lot going for it. We have a depth of experienced hams who have served for many years. We have a lot of new people who want to get involved and make a difference. And we have a whole lot of hams who fit between the two extremes. We are fortunate in many regards. I am the most fortunate of you all. I get to be President for the year and I find it very rewarding. Thank you again for standing with me.

"Honing" our heritage with CW has moved to 146.420 FM simplex at 7:30 pm Sundays & Tuesdays. Lee, KC6MCI is our Elmer and does a great job. Lee has allowed me to help with Elmer duties and now we have asked Andy Boone, KJ6IYM, our new VP to help with Elmer duties. And we find he does a pretty good job. Join us if you dare.....

Well, there is much more to report, but we need to hit the road. Expect a long one next time. We hope you have fun for Field Day. We will. Look for several activities for the summer. Join us on the Monday evening net for updates.

Thank you & 73,

Lonnie Moore, KI6ZYY  
"CU on the air"

## CLARA'S CALCULATIONS....

CHECKING BALANCE:			\$3,209.43
RECEIPTS DEPOSITED:			
6-8-11	DUES: KN6WX LARUE		12.00
6-15-11	DUES: KJ6NGB BORZELLERI (MSVL)		20.00
6-15-11	DONATION: DIABETES SOCIETY (BIKE AROUND THE BUTTES)		400.00
	MONTH'S RECEIPTS:		\$ 432.00
	TOTAL:		\$ 3,641.43
BILLS:	NONE		
LESS SPECIAL ACCOUNTS:			
REPEATER:	\$620.30		
VE	128.43		
CHRISTMAS DRAWING:	176.44		
MEMORIAL:	65.10		
TOTAL:	\$990.27		
		LESS	\$ 990.27
CLUB BALANCE:			\$2,651.06
CLARA M. ANSLEY, N6VRH - TREASURER			

# THE JULY YSARC DINNER MEETING

Our July membership meeting is going to be held at the “2 Bits Cafe” in Yuba City, CA. most of us arrive before 6pm. You’ll be able to order off of the menu. The food is great and the portions are big!

Andy Boone, KJ6IYM will be giving the program. The topic is LED’s. He most likely will bring his collection of LED flashlights!

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## HOW TO CONTACT US.....

Valley Ham News Editor & YSARC.ORG Webmaster - Russell Decker, KB6YAF [kb6yaf@arrl.net](mailto:kb6yaf@arrl.net)

YSARC President - Lonnie Moore, KI6ZYY [ki6zyy@yahoo.com](mailto:ki6zyy@yahoo.com)

YSARC Secretary - Meg Burgin, KI6TLS [mburgin@syix.com](mailto:mburgin@syix.com)

YSARC Treasurer - Clara Ansley, N6VRH [claraansely@openrange.net](mailto:claraansely@openrange.net)

YSARC VE Testing Coordinator - Lee Sheffield, KC6MCI [leesheffield@comcast.net](mailto:leesheffield@comcast.net)

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## WEBSITES...

[www.arrl.org](http://www.arrl.org) - This is the website to the American Radio Relay League

[www.ysarc.org](http://www.ysarc.org) - This is the club website. It contains information about the Yuba Sutter Amateur Radio Club

<http://aprs.fi> - This is a ‘Google Maps’ site that contain all of the APRS activity.

[www.qrz.com](http://www.qrz.com) - Look up call signs, take practice ham radio exams, and much more.

<http://rettysnitch.org> - This website explains what those two weird things are on the front page of the VHN

<http://groups.yahoo.com/group/YSARC/> - This is the URL to the YSARC Yahoo Group Site. Sign- Up !!!!

<http://hamslife.com/> - This is the ham radio blog of Bill, WA6OHP

[www.quartzfest.org](http://www.quartzfest.org) - The official website of the “Quartzfest” held on the last week of January

<http://www.wunderground.com/> - A very cool weather website

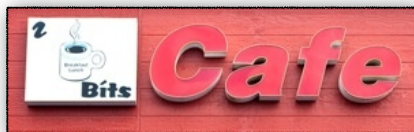
<http://www.apple.com/itunes/> - Download “iTunes” so you can subscribe to “Ham Nation” podcasts

<http://www.heilsound.com/amateur/> - Heil Microphones and Headsets for the radio amateur by Bob Heil

<http://www.gordonwestradioschool.com/> - Gordon West, WB6NOA Radio Schools and training

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The members of the Yuba Sutter Amateur Radio Club want to thank the following businesses in Yuba City that have supported the club with their goods and services. We hope you will patronize their businesses.



### The “2 Bits” Cafe

1272 Colusa Ave - Yuba City, CA

(530) 755-2012

YSARC Breakfasts  
Every Wednesday  
@ 8:30am



1199 Butte House Rd Suite D, Yuba City, CA 95991

(530) 671-9905

*\*A discount is offered to all YSARC Members*