

# SIERRA WAVELENGTH

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## PRESIDENT'S MESSAGE

KEN, AE6LA

Thanks again to Kit and Arturo for hosting a great Christmas Party. We have been active since then. Our Monday evening weekly net has averaged 16 members and 1 visitor checking in since Jan. 2. W6DOM, AE6LA, AI6N, AC6CY have been net control. WB6QVI is set for April. Come one, come all. This is fun. Nick, AI6N, is ready to do it again.

Our breakfasts on the first Saturday, 9 AM at Perko's in Angels, have been well attended. I have tried to bring something of interest to each I could attend and you can too. Surely, we

will have a trip to the repeater site after breakfast late this spring. Come join us for fellowship and good conversation, and you may learn something.

Our quarterly meeting is set for Thursday, March 23, 6 PM for food, program at 7 PM. We will be meeting at Straw Hat Pizza in Angels Camp, Mother Lode Plaza, 250 South Main Street, 209 736-4700. We will be in the back room. Our program will center around an ARRL Power Point Presentation (HF-101) on High Frequency operation. This will be a great opportunity for our experienced opera-

tors to join in and help our newer operators. This is great preparation for Field Day.

Now for Field Day - it looks like yours truly is going to be chairman and he needs all the help he can get, new and experienced. Please let me know what you can do.

As of Jan 6, we have a new club call sign, N6FRG. It should make operating a lot more fun.



Calaveras Amateur Radio Society

### Mailing Address:

P.O. Box 391  
Angels Camp, CA 95222

### Web:

calaverasars.org

### Club Call:

N6FRG

### NV6V Repeater:

145.170 MHz  
- offset  
PL=100 HZ

### IRLP Node:

3428

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## REPEATER NEWS

ANDY, NV6V

Work continues on our repeater to get it back into tip-top shape. WB6MFV (Doug) will have the old controller programmed very soon and we can install it on site.

Funding for the new con-

troller has reached approximately the \$500 mark, which leaves us a couple hundred dollars short.

KO6HV (Jim) has been investigating possible funds from the Calaveras County Sheriff's Department to fill

in that gap.

We have been experiencing some issues the last few weeks.

(continued on page 2)



**WHAT'S NEXT?****Thursday, March 23**

Quarterly Meeting  
Straw Hat Pizza  
Angels Camp  
Order and eat at 6 PM  
Meeting starts at 7 PM

**Saturday, May 6**

Repeater Site Clean-Up  
After breakfast at Perko's

**Mondays**

7:30 PM Local  
CARS Net  
145.170  
Weekly net  
Stay informed!

**First Saturday of each month**

Monthly CARS Breakfast  
9:00 AM Local  
Perko's Restaurant  
Angels Camp

**PRESIDENT'S MESSAGE**

*(continued from page 1)*

I have been assured that we may return to Cottage Springs. So please put June 23 – 25 on your calendar. We will be operating in the 24 hours starting about 10 AM Saturday morning. We will have a hamburger & pot-luck dinner at about 5 PM Saturday. See you all there.

Andy, NV6V, has done a great job with our web site, ([www.calaverasars.org](http://www.calaverasars.org)).

Please check it out and use it. Our roster is even available there to members.

Our club info at ARRL is now up to date thanks to Kit, WB6QVU.

Well, 73 for now,

Ken

**REPEATER NEWS**

*(continued from page 1)*

There has been intermittent noise and reports of reduced signal strength. AE6LA, KI6ART and I visited the repeater site yesterday and found a possible source of interference from some commercial equipment. We were able to turn off the offending equipment and thought we had solved the problem, but

later heard the noise return. There is a possibility that other equipment from the same company is still causing the interference, and I've been told all of their equipment will be removed in two weeks. We'll have to see how that all works out.

When the weather gets a little more stable but before the grass has a chance to grow too

tall, we'll be organizing our annual Spring clean-up at the repeater site. We usually plan it on the same day as our monthly breakfast, so we can eat then head up the hill. Let's set May 6th this year...so bring your weed-whacking gear and cameras to breakfast on that day.

73 de NV6V

**LITTLE DITS ...**

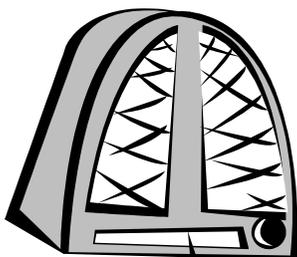
Make sure you visit the club website at [calaverasars.org](http://calaverasars.org). You don't have to log in, but if you want to, you'll need to create a login and password (look underneath the Login button) ...

Our club membership roster is online now! Visit [calaverasars.org](http://calaverasars.org) and click on the Members Only link in the

menu on the upper left. As stated above, you don't need to log in to the CARS site, but when you click on Members Only, you will be asked to enter your call sign and a password. This password was e-mailed to you a month or so ago. If you need that password again, please e-mail me at [nv6v@calaverasars.org](mailto:nv6v@calaverasars.org) ...

There are still several club hats available. \$5.50 for club members, \$6.00 for non-members ...

Our IRLP node now lives in a new (old) computer at my home. It's working on the network just fine, and I'm obtaining a new link radio now. We should be up again pretty darn soon!



## TINY 2 ANTENNA

N6IV (Mark) loves to build antennas! He built this one and has reported that it was quite easy and a good performer. (taken from [qsl.net/w4sat/tiny2.htm](http://qsl.net/w4sat/tiny2.htm))

The "Tiny 2" is a great little 2 meter beam. It has some really interesting properties and it is a fantastic first time antenna project for the beginner.

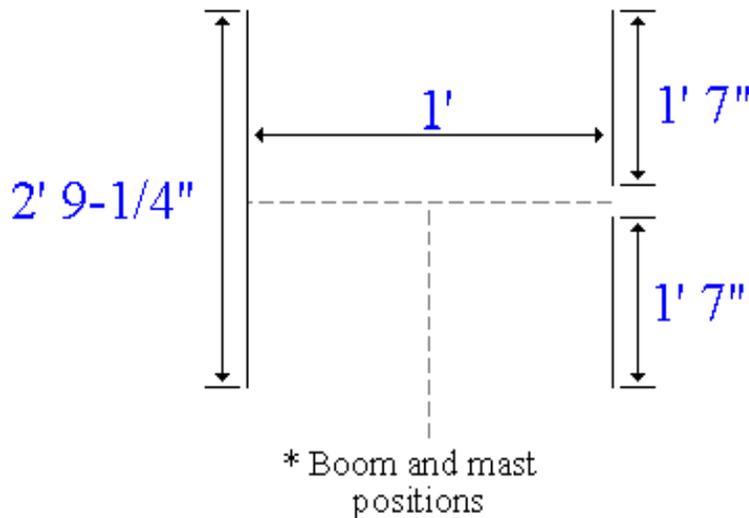
What's so great about it? Well, first of all, there are only 2 elements. This makes the construction quick and easy. Next is the size. It's tiny, hence the name. A mere one foot spacing produces a whopping 4 dBd gain! What else? How about the fact that it is a direct connect antenna! Just hook your 50 ohm coax cable to it and you are on the air, no matching, no tuning, no hassle!

Each element section of the beam is 1" diameter tubing. You say you want to build it but you don't have 1" tubing? Try one of these alternative plans:

3/4 " Tubing: Use a director length of 33.75 inches (All other dimensions stay the same)

1/2 " Tubing: Use a director length of 34.50 inches (All other dimensions stay the same)

1/4 " Tubing: Use a director length of 35.5 inches and each driven element length should be 19.375 inches (All other dimensions stay the same)



### CARS OFFICERS

#### President

Ken Sanders, AE6LA  
795-5947  
[ae6la@aol.com](mailto:ae6la@aol.com)

#### Vice President

Jim Clark, KO6HV  
795-5652  
[jimnpat1@sbcglobal.net](mailto:jimnpat1@sbcglobal.net)

#### Secretary

Kit Brown, WB6QVU  
754-9374  
[kitbrown@starband.net](mailto:kitbrown@starband.net)

#### Treasurer

Lynn Bartschi, AC6CY  
736-4337  
[ac6cy@pocketmail.com](mailto:ac6cy@pocketmail.com)

#### Net Manager

Ken Sanders, AE6LA  
795-5947  
[ae6la@aol.com](mailto:ae6la@aol.com)



QUARTERLY PUBLICATION OF THE  
CALAVERAS AMATEUR RADIO  
SOCIETY

Sierra Wavelength  
P.O. Box 770  
Arnold, CA  
95223-0770

Phone: 209-795-3928  
E-mail: [wavelength@calaverasars.org](mailto:wavelength@calaverasars.org)

**Next Meeting:  
Thursday, March 23**

**Straw Hat Pizza, Angels Camp**

**Order and eat: 6:00 PM  
Meet: 7:00 PM**