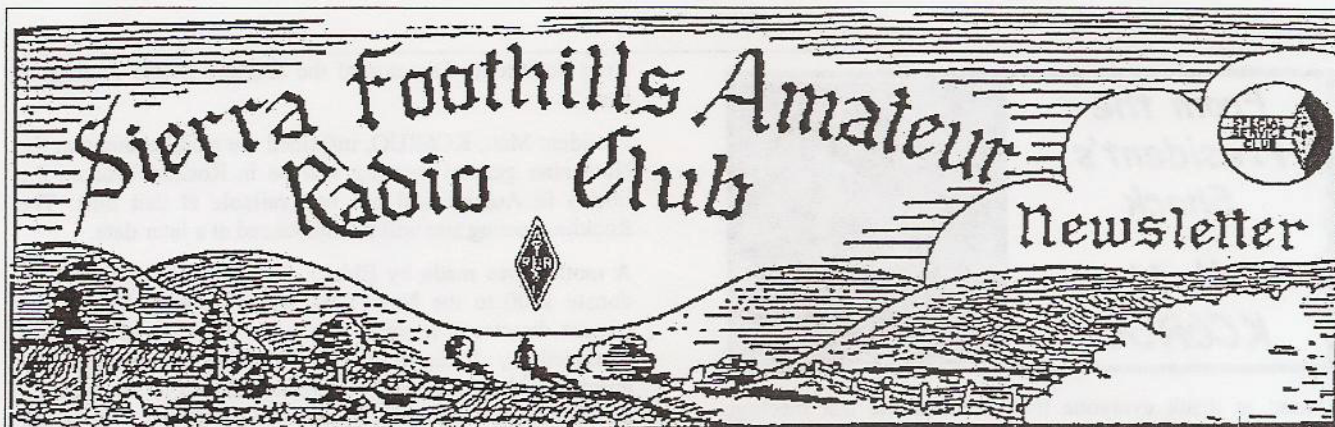




<http://personal.newworld.net/wingman/sfarc/>

October 2001

P.O. Box 1005, Newcastle, CA 95658



#### PRESIDENT

Matt Diridoni, KC6RUO  
916.632.4084  
[mdiridoni@rsvl.net](mailto:mdiridoni@rsvl.net)

#### VICE PRESIDENT

Steve Faulkner, KF6OCE  
[kf6oce@aol.com](mailto:kf6oce@aol.com)

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[jsylvia@vfr.net](mailto:jsylvia@vfr.net)

#### TREASURER

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Richard Kuepper, WA6RWS  
[rkuepper@juno.com](mailto:rkuepper@juno.com)

#### REPORTERS

##### *Satellite Report*

Greg Dolkas, K06TH

##### *40 Years Ago at the SFARC*

Gary Cunningham, KQ6RT

##### *VE Program*

Bob Metke, W6SUP

#### REPEATERS

145.430(-0.6 Mhz) PL 162.2  
440.575(+5 Mhz) PL 94.8  
223.860 (-1.6 Mhz)

#### CLUB NET

All welcome to check  
in Thursdays, 7:30 PM  
2M K6ARR & Club  
Repeater 145.430

#### CLUB MEETINGS

Second Fri of the  
month 7:30 PM at the  
Auburn Library 350  
Nevada St. Auburn

#### CLUB BREAKFAST

Last Saturday of the  
month at Susie's Café  
Cirby at Riverside Ave.  
Roseville - 8:00 AM

#### NET CONTROL OPS

Dave Jenkins, WB6RBE  
Gary Cunningham, KQ6RT  
Joe Sylvia, KF6OQY  
Wayne Mikel, KE6DJE

#### WEBMASTER

Chris Wright, KF6OGD  
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#### NEWSLETTER EDITOR

Fred Jensen, K6DGW  
530.885.8251  
[k6dgw@arrl.net](mailto:k6dgw@arrl.net)

## 2001 Calendar of Events

*(Operating Events in Italics)*

- Oct 6-7 *Cal QSO Party*
- Oct 10 VE Test
- Oct 12 **White Elephant Sale**
- Oct 24-26 *CQ WW DX Contest (CW)*
- Oct 27 Club Breakfast
- Oct 27-28 *CQ WW DX Contest (SSB)*
- Nov 3-5 *ARRL Sweepstakes (CW)*
- Nov 9 Regular Meeting (Elections)
- Nov 14 VE Test
- Nov 17-19 *ARRL Sweepstakes (Phone)*
- Nov 24 Club Breakfast
- Dec 7-9 *ARRL 160m Contest*
- Dec 12 VE Test
- Dec 14 **Christmas Dinner**
- Dec 15-16 *ARRL 10meter Contest*
- Dec 29 Club Breakfast
- Dec 31 *Straight Key Night (SKN)*
- Jan 11 Regular Meeting
- Jan 26 Club Breakfast

## From the President's Shack

**Matt  
KC6RUO**



I want to thank everyone that attended the last meeting. Members of the club donated \$420.00 to the Salvation Army Relief Fund to help everyone affected by the recent tragedies at the World Trade Center and the Pentagon. We then voted to add another \$100.00 from the club treasury for a total of \$520.00. Great job everyone!

Please mark your calendar for the 2001 White Elephant Sale, October 12, 2001 at the Recreation Park District, At the corner of Racetrack & Recreation Dr. in Auburn. Please bring items to donate to the club for auction. All proceeds will benefit the SFARC Christmas party in December.

Again, I urge those interested in holding a SFARC Club Office to contact me, or one of the Board of Directors. We are looking for a President, Vice President, Treasurer, and Secretary for 2002 Club office. As explained at the last meeting, We (Club Officers and The Board of Directors) will assist the new officers into a smooth transition. SFARC still is, and will remain, the best family oriented club in the Sacramento Valley.

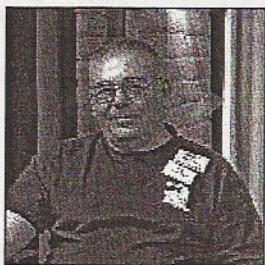
See you all at the White Elephant Sale!!

73,

Matt, KC6RUO  
President

## Secretary's Report

**Joe  
KF6OQY**



## General Meeting September 15, 2001

President Matt KC6RUO opened the meeting at 1937 hours. Officers present: Vice President Steve, KF6OCE, Secretary, Joe, KF6OQY, and Treasurer Debbie, KF6LXN. Board members present: Richard, WA6RWS, Eldred, KD6ZSL, and Bob, WA6ULL. Debbie, KF6LXN, gave her treasurer's report. A donation to the club of \$100 was received from

Greg Soderlund, Director of the Western States Endurance Run.

President Matt, KC6RUO, informed the membership that the November general meeting will be in Rocklin because the library in Auburn will not be available at that time. The Rocklin meeting site will be announced at a later date.

A motion was made by Eldred, KD6ZSL, that the SFARC donate \$100 to the New York Relief Fund to help in the current disastrous terrorist attack on the city. Motion was seconded by Richard WA6RWS. The membership and guests decided to take up a collection to add to the donation and \$420 was collected. A discussion followed as to which organization would receive our donation and the Salvation Army was chosen. Eldred, KD6ZSL, suggested that SFARC notify the ARRL of our donation. Matt, KC6RUO, and Debbie, KF6LXN, will attend to the disbursement of these funds and any PR that might occur. Thanks to all 33 members and guests for their generosity.

Ice cream was served prior to the raffle. President Matt, KC6RUO, also announced that due to future commitments he will not be available for re election. The positions of treasurer and secretary will also be vacant as the 2 year limit applies. Meeting was adjourned at 2050 hours.

Respectfully Submitted

Joe, KF6OQY  
Secretary

## 40 Years Ago At The SFARC

**Gary  
KQ6RT**



Oct. 11, 1961  
Auburn

Our club was invited by the Aerojet Amateur Radio Club to their meeting. Six members attended. The main topic discussed there was the coming open house they were holding on Oct. 14<sup>th</sup>. All nearby ham clubs were invited and many interesting activities were scheduled.

We all had a very good time and some of us came home with door prizes as well as making new acquaintances.

Respectfully submitted,

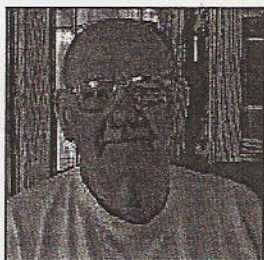
Sage Otow

| Treasurer's report: |             | Expense     |              |
|---------------------|-------------|-------------|--------------|
| Sep Bal             | \$75.51     | Health Co.  | \$46.33      |
| Income              | <u>6.40</u> | Aub. Journ. | <u>12.74</u> |
|                     | \$81.91     |             | \$59.07      |
| New balance:        | \$22.84     |             |              |

73,  
Gary, KQ6RT

## VE Report

**Bob**  
**W6SUP**



## Volunteer Examiner Report

### Upcoming Exam Dates for 2001

October 10

Nov 14

Dec 12

Pre-registration is required. Contact Bob Metke, W6SUP for more information.

**Special arrangements and dates can be made to accommodate the disabled, including conducting tests at home.**

73,  
Bob, W6SUP  
511 Oak St.  
Roseville, CA 95678  
916.783.7610  
[w6sup@rsvl.net](mailto:w6sup@rsvl.net)

## SFARC Event Dates

All at Auburn Recreation Center, 123 Recreation Dr. in the Stella Irving Room:

**White Elephant Sale: October 12**

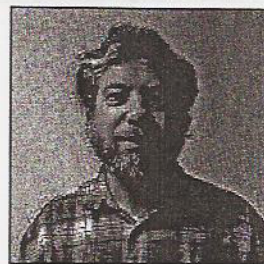
**Christmas Party: December 14**

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The SFARC News letter is published monthly by the Sierra Foothills Amateur Radio Club for the information of its members and friends. The newsletter is distributed via the US Mail and email, and is posted to the SFARC web site. Permission is granted to non-profit amateur radio or organizations to reproduce text verbatim with attribution. Use of images is prohibited without prior written approval of the SFARC and all individuals pictured in the images. Logos are the property of the represented organization and may not be used without permission. Contact the Editor for further information.

## Amateur Satellites

**Greg**  
**KO6TH**



## Kodiak Star Launched

Not much of a satellite report, but some good news!

Finally, after a number of delays due to weather, solar flares, and a problem with a tracking radar system, the Kodiak Star was launched at 02:40Z (7:40pm PDT) on September 29th, from the new space port on Kodiak Island, Alaska. As I write this, Ham ground stations around the world have their radios and TNCs waiting for their chance to hear the new satellite.

Transmissions are on 145.825, using the standard 1200 baud FM packet system used on the ground. Just park your radio and TNC there; you just might catch a packet or two from the new bird!

On the Internet, the location of PCSat can be found at:  
<http://map.findu.com/PCst>. NASA also has a news and status site at  
<http://science.ksc.nasa.gov/payload/missions/kodiakstar/>

For the first few weeks, the satellite will have its uplink receiver offline to the general ham population, while the spacecraft controllers get the bird checked out and configured. Once opened up, the satellite will be capable of relaying APRS tracking information from hams within its view, and connecting them to the ground APRS network, and the Internet.

73,  
Greg, KO6TH

## Coming Ham Events

Foothill Flea Market - 2nd Saturday of each month from March through October at Foothill College, Los Altos.

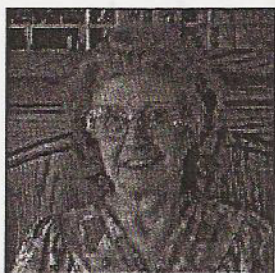
Livermore Swap Meet - 1st Sunday of each month at Las Positas College in Livermore, 7:00 AM to noon, all year. Talk in 147.045 from the west, 145.35 from the east. Contact Cliff Chiba, KF6EII, [larkswap@usa.com](mailto:larkswap@usa.com)



**Come to PACIFICON 2001**  
**October 19 - 21**  
**Concord, CA**  
[WWW.PACIFICON.ORG](http://WWW.PACIFICON.ORG)

## Sunshine Report

Jerri  
K6GKR



No news from Jerri, which is good news for us.

## FOR SALE

Check this monitor that sold for over \$1,000 last year:

15" TFT Flat Panel computer monitor  
Samsung Model 520TFT, excellent condition, \$275

Jettie W6RFF, (916) 783-0383  
w6rff@ar1.net

## Last Moment at the WTC

(A Plea From Your Editor)

Probably like most of you, I have received dozens of e-mails containing a picture purportedly taken from WTC-1 moments before the American Airlines plane slammed into it. Amazingly, two folks also suggested that it would make a good picture for the SFARC News.

Aside from being about as tasteless as one can imagine, the picture is a really poor fake, with an incredible number of obvious clues, however you can visit :

<http://www.urbanlegends.com/ulz/lastmoment.html> for the details. Needless to say, it will not be published in our newsletter.

<http://www.urbanlegends.com> is an outstanding source of information on Internet hoaxes, and your editor humbly requests that you check things out there before flooding my 28.8 Kbps mailbox with provably false information.

## SFARC Annual White Elephant Sale

Sierra Foothills ARC will hold it's annual WHITE ELEPHANT SALE, October 12, 2001, 7:30 PM at the Auburn Recreational District, 123 Recreation Dr. (Corner of Recreation Dr. & Racetrack Rd) Auburn, CA 95603. SFARC members are encouraged to bring items to be donated to the club, and sold to benefit the SFARC Christmas party. Talk in frequency is 145.430 - PL 162.2, if you need additional directions.

From Roseville and points west of Auburn, join I-80 and proceed east to the Maple St exit in Auburn. Exit and make an immediate right into Old Town. Continue through Old Town and up the hill to the signal (Auburn-Folsom Rd). Turn right and continue to the next signal (Racetrack). Turn right, continue up the hill, and make the first left (Recreation Dr.). The parking lot is on your left, and the Stella Irving Room is through the front doors and in the rear.

## Antenna Wisdom

(From "The Antenna Reflector")

RF propagation is not magic. There are fundamental technical reasons why it is necessary to sacrifice a young goat in your antenna field every now and then.

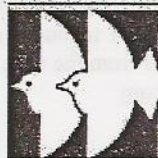
## Vanity Call Fees Lowered

(ARRL Bulletin ARLB039)

The FCC says the fee for a new or renewed Amateur Radio vanity call sign will drop to \$12 on September 10. Applications received on or after that date will be subject to the new fee. The current vanity call sign fee is \$14.

The FCC proposed the lower fee last March in a Notice of Proposed Rulemaking for the Assessment and Collection of Regulatory Fees for FY 2001. The FCC has estimated that 8000 applicants will apply for vanity call signs in the current fiscal year.

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Contact Tim Woodburn, W6TJW  
530.823.7595



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Manager: Randy Erwin

TEL: 916.624.0641 / FAX: 916.624.5249

<[ur29@unitedrentals.com](mailto:ur29@unitedrentals.com)>

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THE SFARC FIELD DAY!

Earlier this year, the FCC also put paper and electronic vanity call sign applications on an equal footing in terms of processing priority. The FCC used to give priority to electronic applications for vanity call signs.

FCC rules stipulate refunds for applicants who inadvertently overpay a regulatory fee. Applicants who determine that they overpaid a vanity fee may request a refund in writing. Requests seeking a "Vanity Fee Overpayment Refund" go to FCC, 1270 Fairfield Rd, Gettysburg PA 17325-7245. Refund requests should indicate the date of application, the total fee paid, and the total refund owed.

For more info, visit the FCC Amateur Radio Web page, <http://www.fcc.gov/wtb/amateur/VanityCS.html>.

### **Second Transpacific LF Claim** (ARRL Letter)

A transpacific LF "insurance test" is a success: A second claim has been made of Amateur Radio LF reception across the Pacific. Organizer of the transpacific tests Bob Vernall, ZL2CA, reports that on September 22, ZL6QH, ZL3PN, ZL3JE, ZL4OL, ZL4MD and AX2TAR (VK7ZAL) transmitted test signals in the 165-190 kHz band.

"Various DX listeners had prior knowledge of the schedule of individual test frequency and coding used by each station," Vernall reports. As happened in the initial successful listening test on June 30, Steve McDonald, VE7SL, of British Columbia, Canada, managed to receive signals from ZL6QH sometime before dawn.

"This time VE7SL obtained an ARGO capture of both frequencies of the DFCW [dual-frequency CW] transmission," Vernall said. "The path length is estimated to be 11,709 km."

The uniquely coded transmission consisted of repetitive sending of the letter "Q" sent using dual-frequency CW, with all elements being of 120 seconds duration.

*(Ed. Note: These tests are not your "vanilla" CW QSOs! Dashes are sent on one frequency, dots on another closely spaced frequency. Both dahs and dits [and the spaces between them] were 2 minutes long in this test. The receiver output is fed to the ARGO software which integrates the receiver output to emphasize the signal over the random noise, and uses a Fourier Transform to display the frequency spectrum, similar to the "waterfall display" in PSK31. The dahs and dits show up as lines in the spectrum a bit brighter than the background noise.*

*This is by no means an amateur-only technology. The US Navy uses very similar techniques to communicate with submerged submarines using multi-megawatt signals in the ELF [10 - 20 KHz] range. Their messages also consist of one or at most a few characters, used as codes to denote a larger message)*

### **WWV Survey Deadline Near** (ARRL Letter)

The deadline is September 30 for the National Institute of Standards and Technology survey seeking information on how WWV and WWVH listeners use the standard time and frequency broadcast services.

The survey remains available on the Web <http://www.timesurvey.nist.gov/>. It's also available as a printable PDF or HTML file and in a hard-copy, mail-in version.

According to WWV Station Manager John Lowe, the last WWV-WWVH user survey was done in 1985. He confirmed that the data collected ultimately could be used to determine whether WWV and WWVH remain on the air--especially given the popularity of NIST's other outlets, including its Web-based time server that gets in excess of 3 million hits a day.

While Lowe strongly encouraged all WWV and WWVH users to send in a survey, he has suggested that more weight will be given to responses from corporate and institutional users. WWV in Ft Collins, Colorado, and WWVH on Kauai, Hawaii, broadcast continuous time and frequency information to millions of listeners worldwide. For more information, contact John Lowe, [lowe@boulder.nist.gov](mailto:lowe@boulder.nist.gov).

*(Ed. Note: The on-line survey takes only a few minutes, and while amateurs alone are not likely to sway NIST, a good amateur showing could help preserve a valuable time and frequency standard resource for us. The Internet may deliver time hacks, but it doesn't help calibrate the dial on your transceiver!)*

### **N6SHD - Where Are You?**

Hey there Dave, e-mail to [n6shd@jps.net](mailto:n6shd@jps.net) comes back, "User Unknown." How about dropping the editor a message from your current e-mail address so we can update the records. Or perhaps you just gave up on the internet after getting megabytes of fake pictures?

In fact, we'd like everyone to keep your e-mail addresses current with the Treasurer and/or editor.

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Associate Name: \_\_\_\_\_ Call: \_\_\_\_\_ Class: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Application: (Circle One) New Renewal

Member Dues: Circle Amounts That Apply.

Applications received in the middle of the year will be pro rated. Contact the President or Treasurer for exact rate.

|                |         |                      |                 |
|----------------|---------|----------------------|-----------------|
| Membership:    | \$22.00 | Name Badge:          | \$5.50          |
| Associate:     | \$ 7.00 | Repeater Donation:   | \$ _____        |
| ARRL           | \$34.00 | Auto Patch Donation: | \$ _____        |
| ARRL (Spouse)  | \$ 5.00 | Newsletter Booster:  | \$ _____        |
| ARRL (Special) | \$28.00 | Worldradio Renewal:  | \$ _____        |
|                |         | <b>TOTAL:</b>        | <b>\$ _____</b> |

NOTE\* Renewing your ARRL membership through the Club earns the Club money with no additional cost to you. To renew your ARRL membership through SFARC, make check payable to SFARC and mail to P.O. Box 1005, Newcastle, CA 95658.

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