# **SCRAPS**

SCRA PUBLIC SERVICE





The merry month of May started off with the Wine Country Century Bike Tour on the 4th. After a very chilly start in the morning the day turned out to be a delightful one for a bike ride through the wine country. About thirteen hundred cyclists participated in the event some coming from quite a distance.

It was a day that was punctuated with rather unusual mishaps. Some of the sag wagons barely left Luther Burbank Center before they encountered riders with problems. Flat tires were very common although there were also broken seats, damaged rims etc. It was also necessary to call for a ambulance on two occasions. Once for a baby who had an allergic reaction to peanuts and another time for a woman whose front wheel came off her bike and caused a head injury. Let's hope this is not an indication of what the rest of the season will be like.

My thanks to Dave AA6XY, Jim WA2EWE, Bob K6GEV, Hank W6DTV, Sarah N6FAX, Rudy N6KLU, Paul KD6FBN, Angela KC60CD, Bill KD6LTA, Adam KD6POC, Nadine KC6WUI, Joe KE6LNQ, John KD2LQ, Steve KE6CJR, Renee KE6ULU. Also Frank N6LHA and Randy KE6VMZ who, while members of the Santa Rosa Cycling Club also provided sag support. A very special thanks to Lee KE6EAQ, Brian N6IIY, Ten KB6PTA, and Wilbur N6MGY who also volunteered to participate but whose help was not used because of the lack of sag drivers.

The next event was the Human Race on the 11th. It was another beautiful day for a bike ride through Anadell Park. All went well for the hams as far as their participation in the event went. However, there were some problems with the organization by the Volunteer Center. First of all Robert was given last year's maps only to discover that the route had been changed. Only two rest stops were scheduled for the ride and there were none on the intermediate route. Only one rest stop had any thing to drink and that was in short supply. In spite of everything, the event was enjoyed by all.

Many thanks to Ken N6MHG, Bill KH6GJV, John KE6RMC, Adam KD6POC, Angela KC60CD, and Nadine KC6WUI. Robert was the floater and filled in and helped whenever he could.

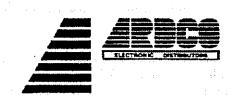
I was reminded at the last SCRA meeting that the Santa Rosa Chamber of Commerce had again requested the use of ham operators at the Thursday Night Market. I spoke to Gena at the Chamber of Commerce and she said they definitely would like the support of the hams. What they will need is four operators at the intersection of 4th and Mendocino and one at Brookwood and Hope. The market begins on June 20 and goes until September 26 with the exception of July 3 which would be a Wednesday. The hours would be from 4:00 PM to 8:45 PM. She told me that this year they were able to get volunteer insurance coverage. She also stated that they and the Santa Rosa Police Department were very impressed with the professionalism of the radio amateurs.

I know that last year the Santa Rosa RACES group worked on this project and it was difficult for them to cover the Market every week. This year it is up to the Radio Club to assist them.

How about giving a hand to help a worthy cause. If you could contribute one night a month we could easily cover their needs. We have over 275 members surely we can find people to assist. If only 75 people contribute one night during the entire season we would have it made! Please give me a call at 664-1978 if you can help.

Coming up is the Mini Vineman on June 9. Also the Terrible Two on the 22nd. I have been reminded that the 22nd is the weekend of Field Day and that a lot of the hams would be participating in that event. If you are not interested in Field Day your help would be appreciated with the Terrible Two. We will need people with mobile radios as the handhelds will not be able to reach the repeater. In fact, in some areas there is even difficulty with the mobile sets.

I still need people for both the Mini Vineman and the Terrible Two. If you are interested in helping with either of these events give me a call at 664-11978 and tell me which event you would like to participate in.



345 West College Ave, Santa Rosa, CA 95401 (707) 527-6000

STEVE BASHAM Manager Hello Everyone,

It's time to get serious about our cross country bike trip. It's Wednesday evening and on Saturday morning Alan Bloom (N1AL) and I (N6LAJ) will be leave our homes in Santa Rosa, California and start our ride to Gettysbury Pennsylvania. We plan on riding thru Yosemite then over Tioga pass, but at the moment it's raining. Tioga pass goes up to 10000 feet in elevation, and the snow level is down to 7000 feet. Caltrans

does plan on having Tioga Pass open on the 22nd, but that plan was made before this storm. So much for plans! Some how we are going to get out there, but were not exactly sure of the route yet. We will pass thru Death Valley, Zion, and the North Rim of the Grand Canyon. From there we plan on basically taking highway 64 over to the Shenandoah mountains, then go North to Pennsylvania. All this is assuming we can figure out how to get out of California.

We are taking an HP Palmtop computer with us, and will be sending radio information out to this distribution. We have not talked about a schedule for our transmissions, but Alan is bringing along a 2 watt CW DX rig. We will definitely be active on field day, and probably on a regular schedule once we get settled into a pattern. Alan will be on 20, 40 and 80 meters. We will let you know what we will be doing if we figure it out. Will keep everyone posted via both the radio and electronic mail.

Frank Hamlin N6LAJ

frankh@sr.hp.com

# REPEATER NOTE

INTERFERENCE? LEAVE IT ALONE!

If you are experiencing problems with mysterious or unidentified transmissions on the repeater, don't contribute by discussing it on the air. Remember, a licensed ham will use his call sign.

## The ARRL Letter

\* According to FCC figures, the numbers of new hams and of hams who've changed their class of license are up compared to the last half of 1995. New hams for the months of January, March and April have each totaled more than 3000, and upgraders have topped 1200. In February, new hams numbered 2109, and there were 980 upgraders. During the last half of 1995--which included the Federal government furlough the last half of December--the number of new hams averaged 2137 per month, while upgrades averaged 811 per month.

# SOLAR UPDATE: FLUX IS UP

Propagation guru Tad Cook, KT7H, reports the average solar flux was up just a

few points during the first full week of May, and the average A index moved from 5.7 the

previous week to 6.1. After peaking around 80, solar flux should drop below 70 after May 20 and rise above 70 again after June 1. The geomagnetic field is expected to be most stable between May 21 and 27. Best worldwide DX at this low point in the solar cycle is expected on 30 and 40

meters. Look for 20 meters and even higher bands to open up, especially on north-south paths, when the solar flux is at 80 or higher.

Sunspot numbers for May 2 through May 8 were 0, 0, 0, 12, 26, 27 and 19 respectively, with a mean of 12. The 10.7-cm flux was 67.9, 68.3, 69.4, 70.8, 74.6, 74.9 and 76.1 respectively, with a mean of 71.7.

The American Radio Relay League

We're always looking for interesting stories or technical hints that you would like to share with the club. Please submit them to the editor by E-mail to ab6ol@aol.com or snail mail - 3612 Banyan St, Santa Rosa CA 95403

# **Board Meeting Minutes**



May 10, 1996

The May Minutes of the Sonoma County Radio Amateurs board meeting held at the North Bay Savings Bank on Marlow Rd. Members of the board present were: President, Steve KK6VY; Vice President, Rick K6ZWB; Secretary, Steven KD6CJR; Treasurer, Joel KJ6LF; Repeater Chairman and Past President, Kelly KD6CJQ; Public Service Chairman, Marie KI6QY; Member-at-large, Claude AB6OL and Member-at-large, Joe KE6LNQ. There were also 7 other SCRA members present. The meeting was called to order at 5:35 PM by President Steve KK6VY.

Steve KK6VY: Let us know that John W6TLK has moved and may not be available to be Activities Chairman. He also let us know that he would be gone 5/30 thru 6/11 and asked Rick to fill in. Our June meeting will be our Field Day orientation meeting. He also covered several other FD related items.

Steve KD6CJR: Will be updating the Membership Information packet. If you have any photos or ideas pass them on to Steve.

Joel KJ6LF: Covered account transactions since main meeting.

Kelly KD6CJQ: The antenna mods are starting to come together. He will notify us as they are evaluated. 220 machine is now working. KELLY GOT STEVE.

Bill KH6GJV: Still needs someone to come forward to teach or coordinate a General class. Have a place. The Code tapes are a big hit. Thanks again to Art and Radio Shack in Montgomery Village.

Marie KI6QY: The Santa Rosa Chamber of Commerce would like us to do communications at the Thursday Night Market again, 6/20 - 9/26. Wine Country Century went off well, had more than enough help.

Joe KE6LNQ: VUM needs certificate of insurance for the Alcatraz trip, also people to help get it organized.

Claude AB6OL: Please be aware of the Short Skip deadlines, the weekend after the board meeting.

Merl N6VUC: RACES steering committee will meet 5/28 at 6:30 in the Bank of the West room if available (see below). Nearly 100 check-ins for last Monday's net. No

RACES net on Memorial day, 5/27. The County wants or County RACES to become State certified. The SR asst. Fire Chief would like to put amateur equipment in all fire houses and schools. There will be a seminar in Sacramento to discuss the future of Amateur communications in the state.

JUNE 1996

Jim N6PTM: Received a copy of the Sebastopol Antenna Ordinance to be discussed at a soon to be meeting. He will contact those affected if he needs your help.

Robert WA6WXX: Wanted to know who the new people were that have been on the repeater. Kelly informed us they are from a group that lost their tower in the winter storms.

Ted KB6PTA: Asked about getting club information into World Radio and other publications.

We may need to find a new place to hold our board meetings because of the switch to Bank Qf The West.

Respectfully submitted by Steven Feil, KD6CJR, Secretary.

# Amateur Radio Week! June 16-23

This annual event is an excellent opportunity to create public awareness, generate media interest and of course, publicize the culminating event: Field Day! Setting up demonstrations, giving talks, or having your town mayor or state governor proclaim the week are just some of the activities hams typically do leading up to Field Day. Letting people know what the hobby is all about and the valuable service hams provide in times of disaster is the name of the game, and it's not too late to get started. To get your Amateur Radio Week/Field Day publicity kit, call ARRL's Public Relations department at 860-594-0328 or send e-mail to jhagy@arrl.org.

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## SCRA MINUTES

January 3, 1996

#### Submitted by Secretary Steven Feil KD6CJR



The May 1996 meeting was called to order by President Steve Carniglia KK6VY at 7:40 PM in the HP meeting room. Other officers present were: Vice President Rick Reiner K6ZWB, Secretary Steve Feil KD6CJR, Treasurer Joel Nadler KJ6LF, Repeater Chairman Kelly Cureton KD6CJQ, Public Service Chairman Marie Mappus KI6QY, Members-at-Large Claude Jones AB6OL and Joe Berkman KE6LNQ, and Past President Kelly Cureton KD6CJQ.

We had 2 visitors this eyening.

New Calls/Upgrades: KF6DDP Tech, KF6DDQ Tech, KO6ZG Extra

New Members: Quent WA6HSR, Tracey KE6TOT

The minutes for the previous monthly meeting were approved as published in Short Skip. WA6TMY/N6MHG

The Treasurers report by Joel Nadler KJ6LF indicates income of \$2009.66, expenses of \$414.26 and a balance of \$4799.66. STEVE GOT MERL.

Activities Committee Reports, were directed by Steve KK6VY Education Report, by Bill KH6GJV. The code tapes have been returned and are available on request.

Repeater Committee Report, by Kelly Cureton KD6CJQ Repeaters are recovered from lightening, now working toward the planned antenna phase in. 220 machine is still down.

Public Service Committee Report, by Chairperson Marie KI6QY Wine Country Century is this weekend. Next events are on June 9 and June 22. Need a coordinator for the Thursday night market.

Claude AB6OL our VE liaison told us that 60 exam elements were administered during the last session. Still looking for help as new liaison.

KC6PJW reported that the Packet BBS was down for three days because of a hard disk crash. Will need to upgrade hardware to take advantage of the next software upgrade. If you can help with any kind of donation it would be much appreciated.

WA6TMY still needs a home for his collins remote setup.

Merl N6VUC handed out certificates for the homebrew contest winners.

KK6VY discussed several issues regarding field day including setup and operating status. A letter was sent requesting permission to use the sight at the Coast Guard station.

June KD6LSU thanked Shirley Jones KD6PKA for helping with the newsletter and informed us that she would be taking her responsibilities permanently.

We have been reminded to use Lot B if the unmarked spaces are filled in the front lot. Do not park in any marked spaces.

Jim N6PTM passed his duties as Sonoma County Radio Officer on to Merl N6VUC. Jim will continue on as his Assistant. RACES drill has been rescheduled for the October time frame. The RACES steering committee will meet on 5/28 at 6:30 in the meeting room of the Northbay/Bank of the West building.

The California Coastal Commission has requested the local RACES/ARES group provide radio communications for the scheduled cleanup day on Sept. 21.

Several old club scrapbooks were passed on to Hollis KE6UDH.

Ed AB6QL reported on the recent QRP meeting and invited everyone to attend the next meeting on 5/16 at the Coast Guard shack.

Larry KD6VUM reported on the progress of the Alcatraz trip plans. There are 3 available dates: 7/21, 8/11, and 8/18.

Terry LeDuke gave a quick description of a trip that he took to Malaysia.

Len K6ANP gave our main program about a DX trip to Syria.

The raffle was conducted by Greg KE6FXK. Prizes were provided by ARDCO and HSC. Please patronize these fine establishments to show our thanks for this support.

James KD6GSF pulled Bart KA6HGW for the membership lottery. Sorry you weren't there!

The meeting was adjourned at about 10:00 PM. Respectfully submitted by Steven Feil KD6CJR

# HSC ELECTRONIC SUPPLY

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## **ARRL BOOKS:**

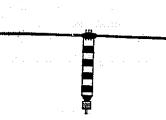
- ARRL Handbook
- License Manuals
- Antenna Books
- Etc...





- MFJ accessories
- Code keys
- Wire Antennas
- Surplus Electronics
- Tools, parts, Etc...



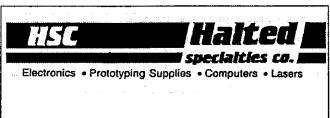


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Greg Cowles KE6FXK Phone: 829-1583 252 Hutchins Ave. Sebastopol, CA 95472

Non-commercial ham ads printed free. Please call when item

is sold. Ads run 2 months.

#### FOR SALE

Kenwood TS450S \$900; MFJ 949EY antenna tuner \$100. Joe K6UKB @ 526-7731

Antek QF1 audio filter, CW & SSB \$30. Art W6LGQ @ 762-2132

Gap Voyager DX-8 HF vertical antenna w/radial kit \$210; 2M 60 watt amp \$85. Steve AC6FR @ 664-8199

Ameritron AL-811, 800 watt HF amp \$450, never on the air, new; Realistic 2027 scanner, new in box \$125. Mike KE6ALB @ (415) 359-3793

Swan 500 HF transceiver, 80-10M, 500W. Rick K6ZWB @ 575-4455

Free standing tower \$100; Yeasu 747GX HF transceiver \$400.00; MFJ 1278B multi mode HF & 2M TNC \$200.00; DSP filters for MFJ 1278B \$200.00; MFJ 901 Versa Tuner 80-10M \$35.00; 486DX2-66, VGA, 4Mb RAM, 112Mb hard disk, single speed CD-ROM \$600.00. Jim KD6WIS @ 584-3423

Icom 3220H dual band mobile, 2M/440 \$400. **David KK6FM** @ 778-1359

Kantronics KPC-3 TNC w/GPS ver. 6.0, 128K memory, Hostmaster II ver. 3.3 \$150. New in box, never used. Walter KE6JIT @ 894-3727

Heath Kit Apache transmitter AM 80-10M; Swan 600 twins. Best reasonable offer.

Frances W6HLM @ 763-3028

#### WANTED

Lap top computer for mobile packet. Bob KE6TIV @ 571-8063

Antenna Tuner for 1Kw. Art W6LGQ @ 762-2132

Pair of 6LQ6 tubes or equivalent. Bill KE6LCA @ 552-4274

220 HT. Mike KF6ALB @ (415) 359-3793

6M transceiver (buy or trade) Jim KD6WIS @ 584-3423

JUNE 1996

10M mobile transceiver. Lynn KD6TYL @ 584-3423



# **Upcoming VE Sessions**

June 15 at 9:00am

\*\*\*Novato (MARC) at Kaiser Hospital, Building 2, San Rafael

WALK-IN 147.330 - RPT AAA MAP MARIN COUNTY E10

From Hwy 101 take Freitas Parkway west bound, turn left onto Gallinas Ave. Turn right onto Nova Albion Way, Right onto Montecillo Road and park in lot A. Enter building 2 at south door.

#### June 15 at 9:00am

\*\*\* Santa Rosa (SCRA) at Hewlett-Packard, 1400 Fountain Grove Parkway, Santa Rosa

TALK-IN 146.730 - RPT AAA MAP SONOMA COUNTY E9

From Hwy 101 south, take Bicentennial off-ramp, go east until it joins Fountain Grove Parkway. Enter the visitor's gate (second gate).

From Hwy 101 north, take the Hopper Ave off-ramp, follow the signs to Mendocino Ave, going over the freeway. After crossing the freeway, fo straight onto Fountain Grove Parkway. Enter the visitor's gate (second gate) at H-P.

# **HELP WANTED!**

#### VE Team Liaison

Qualifications: Currently accredited Extra class VE with ARRL/VEC.

**Duties:** VE Team representative to the VEC. Responsible for the security of test materials for quarterly exam sessions. Other duties may be delegated. Position may be shared among qualified VEs. Failure to fill this position will result in loss of SCRA sponsored exam sessions.

Contact: Claude AB6OL @ 527-8593



Well, by now everyone should be tuning up their jaws for the friendy phrase:

"CQ FIELD DAY CQ FIELD DAY ...THIS IS WHISKEY 6 LIMA FOXTROT JULIET CALLING CQ FIELD DAY AND STANDING BY."

This year we will be in the shade at the Coast Guard Station at Two Rock. This is a fantastic listening post and one of the most famous stations during World War II. This is the place where the Japanese code regarding Midway was broken.

If you have never attended a field day, you are missing a lot of fun. If you are a 2 meter/440whiz, this is a great chance get your hands on a good HF rig and make a lot of contacts. If you just want to watch, this is the place. Sometime during the middle of the night, we usually generate a good pileup. (A pileup is sort of like going fishing and catching your limit before your buddy gets his line in the water.) For some strange reason, our section, San Francisco, is kind of tough for other areas to get, so when they hear us, we really can get it going.

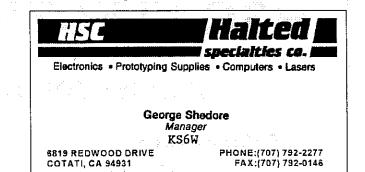
This year, we will have at least 1 CW stations, 2 SSB stations, a Novice station, a VHF/UHFstation, a Packet station and a low level orbit Satellite Station.

If you have a piece of equipment or an antenna that you want to try out, give us a call. We wouldlove to use it. There is plenty of room to set up your own campsite or bring out your RV or whatever. Harold will be preparing a very special dinner Saturday night. The complete dinner is \$8.00 per head and Breakfast Sunday morning is included.

Get there Friday night for some REAL RAG CHEWING. Merl & I will be providing most of the CHEW with the help of the rest of the committee. Remember, bring the family and non ham friends...this is their chance to work amateur radio....this is SCRA's biggest social event. 73's

Steve KK6VY Chairman, Field Day 1996





# **RACES-ARES-VIP\***

by Darlene LaMont KD6GCK

Emergency communications support - if your agency needs auxiliary communications, this is where to get it! Can't contact your EOC, field units or family because phones and central dispatch have failed or are overloaded? Request RACES volunteers from the Op Area. A radio operator can be assigned to set up a transmitting station at your agency. Ham radio operators are licensed by the FCC to operate on special frequencies, which they can use during emergencies to assist your agency. 75 hams assisted during the '95 floods. Plan ahead: 1. Find a ham operator in your agency - or train one. 2. Set up a ham radio station with an antenna. There are 3000 ham operators in Sonoma County. Maybe one works for your agency!

ARES provides non-emergency communications for public service events and relays health and welfare traffic during emergencies. ARES hams will provide radio communications during the California Beach Clean-up on 9/21/96. ARES is run by the hams and their National organization, ARRL. Request ARES volunteers from your local radio club, or leave a message at 579-9608.

VIP is a group of ham operators and others who volunteer for CDF. Now that you've learned all that heads up, the name RACES may change soon because these volunteers are no amateurs. They are trained professionals who have agreements with government and disaster response agencies nationwide to provide emergency services. Be sure to include RACES in your next exercise and in your disaster plan.

- \*ARES@Amateur Radio Emergency Service
- \*ARRL= American Radio Relay League
- \*CDF= CA Department of Forestry
- \*@CES= RadK) Amateurs Civil Emergency Service
- \*VI P@ volunteers in Prevention

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# **Club Meetings**

7:30 pm, 1st Wednesday each month at the Hewlett-Packard plant in Santa Rosa. (See map below) All are welcome.

#### **NOT AN SCRA MEMBER?**

If not, then this is a complimentary copy of Short Skip. Our club is involved with almost every area of Amateur Radio: Repeaters (146.73), Field Day, License classes (Novice through Extra), Volunteer exams, RACES, DX programs, Packet radio, Hidden transmitter hunts -- you name it.

We invite you to attend our next monthly meeting (see below) or check into the Tuesday night SCRA net on the 146.73 repeater at 7PM. You will hear the latest Amateur Radio Newsline broadcasts, announcements of SCRA activities and a Swap Shop. Membership in SCRA is open to anyone interested in Amateur Radio. If you would like to join, there is a membership application in this issue. Hope we can have an "eyeball" QSO with you at the next meeting! 73 ...

Next Meeting: June 5, 1996 Program: Field Day!

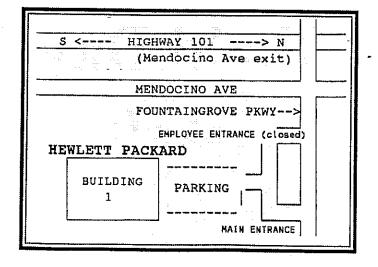
#### SHORT SKIP ADVERTISING RATES

Business Cards: \$10

\$11 First 1/4 Column \$3 Additional 1/4 Columns (\$32 Full Page, 1 side)

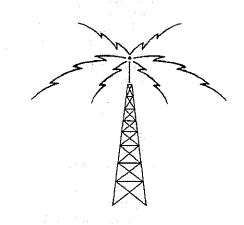
Pre-printed inserts: \$32/sheet

Guaranteed circulation: 200/month



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Refreshments:	Jim Hudson	KD6WIS	
Raffle at meetings:	Greg Cowles	KE6FXK	
Membership lottery:	James Cureton	KD6GSF	
Packet BBS:	Jim Andrews	KC6PJW	795-2163
	Dave Willey	KD6KWM	577-0191



 Repeater Control Op's

 Kelly KD6CJQ
 837-9434

 Hoppy WD6CKP
 542-6750

 Steve KK6VY
 579-9608

 Jim N6PTM
 823-7947

 Merl N6VUC
 584-3898

 Ken N6MHG
 539-2701

# Application for membership in SCRA

Name	_ Calls	ign	License Class	
Address				:
CityZIP	arch 1st. les for nev le. ge. (Unde	Dues are \$18/year for members only are p	or individual and \$ prorated at \$1.50/n	27/year for families.
Name Badge Information (new member Fill in exactly as you want it to appear on your bad Callsign First Name City	ge.	Initiation fee Prorate discount (i ARRL Dues: \$31 or \$25 if ov	Family \$27 \$6.00 X # months) (rate)	+
I WOULD LIKE MORE INFORMATION AB	OUT:	Additional dona Total d	ution to SCRA: ues:	+
<ul> <li>( ) Public Service Events</li> <li>( ) RACES or ARES Emergency Services</li> <li>( ) Taking a Novice or Technician class</li> <li>( ) Teaching a Novice or Technician class</li> <li>( ) Taking an upgrade class</li> <li>( ) Teaching an upgrade class</li> </ul>	()A ()H ()F	Telping with SCRA acting as club Net Clelping with VEC lield day, other oper telping with Short and ther	Control Station icense exams rating events	

SCRA INCOME EXPENSE STAT Period Ending 5/13/96 BEGINNING BALA	EMENT ANCE	EXPENSES OVERHEAD Badges Refreshments REPEATER	(\$29.03) (\$15.00)
CHECKING SAVINGS CASH ON HAND INCOME Dues	\$3,822.74 \$915.60 \$61.32 \$192.00	Maintenance Repeater phone SHORTSKIP Transfer to Petty Cash TOTAL EXPENSES	(\$50.00) (\$20.63) (\$109.33) (\$12.06) (\$236.05)
Initiation Monthly Raffle Quarterly Raffle Refreshment TOTAL INCOME	\$18.00 \$31.48 \$75.00 \$26.58 \$343.06	BALANCE: CHECKING SAVINGS CASH ON HAND TOTAL CASH	\$3,929.75 \$926.58 \$73.38 \$4,929.71

## Thank You!

June Linnehan KD6LSU is retiring as Short Skip Circulation Manager. We would like to thank her for the hours of hard work and support she has given in bringing this newsletter to you.

SCRA VE session - July 13 at 9am

PLEASE DO NOT DELAY

MINDSOR, CA 95492 214 MILD OAK DR BRECKENRIDGE, JOHN WB6FRZ

ADDRESS CORRECTION REQUESTED

Santa Rosa, CA 95402 PO Box 116 Sonoma County Radio Amateurs, Inc.



# SHORT SKIP SECVALE



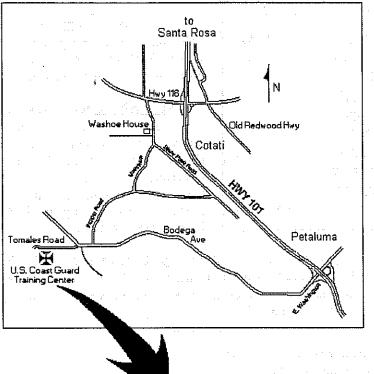
Club Station W6LFJ

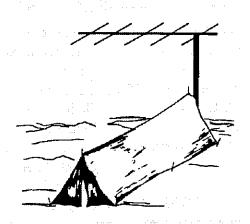
Sonoma County Radio Amateurs, Inc. PO Box 116, Santa Rosa, CA 95402

Repeater Station WB6PVS

Volume 21 #6

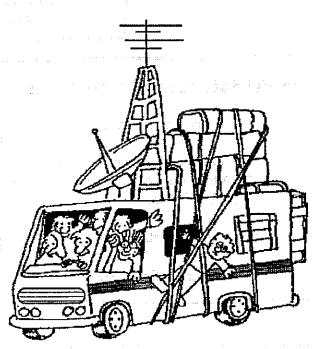
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June 21-22





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