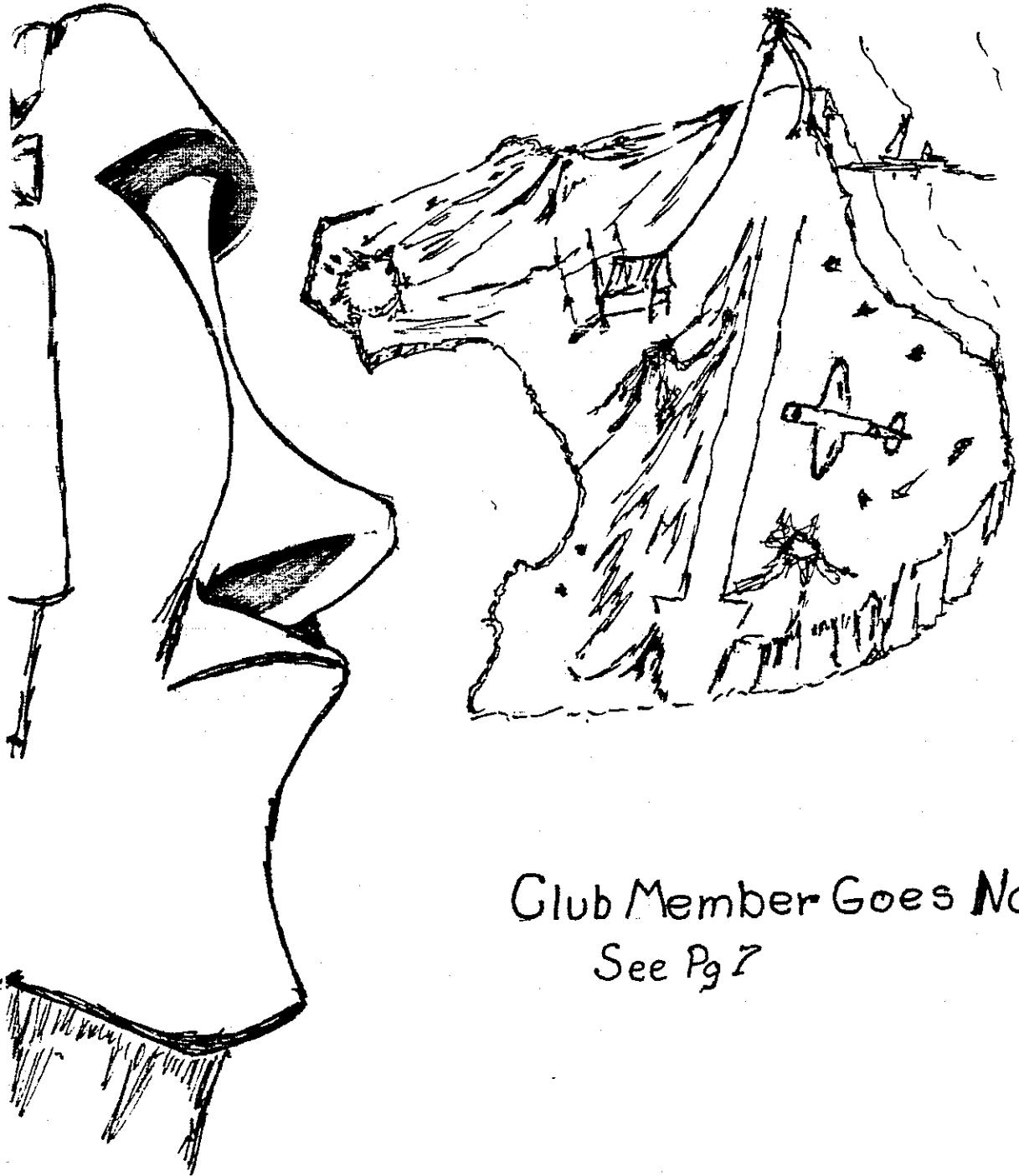
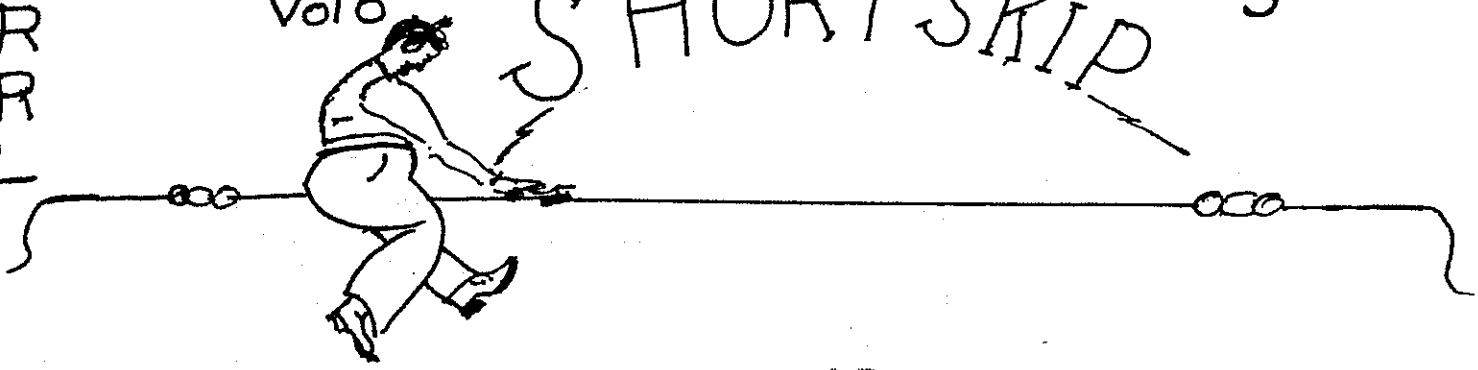


ARRL



Club Member Goes Native - See Pg 7

## CLUB OFFICERS

President: Len Gerald K6ANP  
795-4335  
V. Pres. Lyman Wiltshire  
833-2000-WB6SMY  
Tres. Bob Olsten WD6DPE  
546-5593  
Sect. Doug Stewart  
546-2118 N6DHT  
Board: Alan Bloom N1AL  
527-0840  
Steve Schaffer  
KD6GC 546-8860  
Chuck Sabin N6DDK  
795-2371  
Short skip: Hank Davis W6DTV  
823-7885  
Lyle Meek N6BLN  
Chod Harris VP2ML  
DX-Watch  
Don Bremmer-KB6LO  
Contributing  
Terry LaDuke  
Printer WA6RNF  
Club Call W6LFJ  
Club meeting March 4, 81--3400  
Chanate Rd. Childrens Day Treat-  
ment Center. Brown Bldg. Phone  
527-3101.  
Board Meeting-March 12, 81

## COMMITTEES

Mobile Unit-Doug Stewart N6DHT  
523-2118  
Educational-Gary Davis WA6PMN  
528-4304  
Explorer Post-599 823-8977  
Mike Ter Sarkisoff N6DBZ  
Parts Mgr.  
Lyman Wiltshire 833-2000  
WB6SMY  
Reno Raffle.  
Don Bremmer KB6LO  
546-7047  
Don Boosinger KB6HQ  
527-7847

March Board Meeting at  
W6DTV's Home - 7822  
Washington, Seb-823-7885  
Will Watch-146.75--

## WOULD YOU LIKE TO:

1. Find a new field day site?
2. Have a transmitter hunt?
3. Hold a home brew contest?  
Entry fee to go as prize.
4. Work on the Club Trailer?
5. Offer your services to a novice?  
Be an Elmer.
6. Work Oscar?
7. Contest to work as many Club  
members as possible-ex-cluding  
repeater?
8. Phone any of the officers of the  
Club and bring up a new idea?
9. Find an interesting Mini-  
expedition site?
10. Present a program on any subject  
at one of the Club meetings? If  
so call N1AL.
11. Present a week-end construction  
for Short Skip? Or even suggest  
one ?

Joe Breman. N8ATB donated a VOM  
multitester to the Club for a future  
raffle. Tnx.

RADIO SHACK  
510 FARMERS LANE  
SANTA ROSA

ZANE BATES

MANAGER WB6SRU

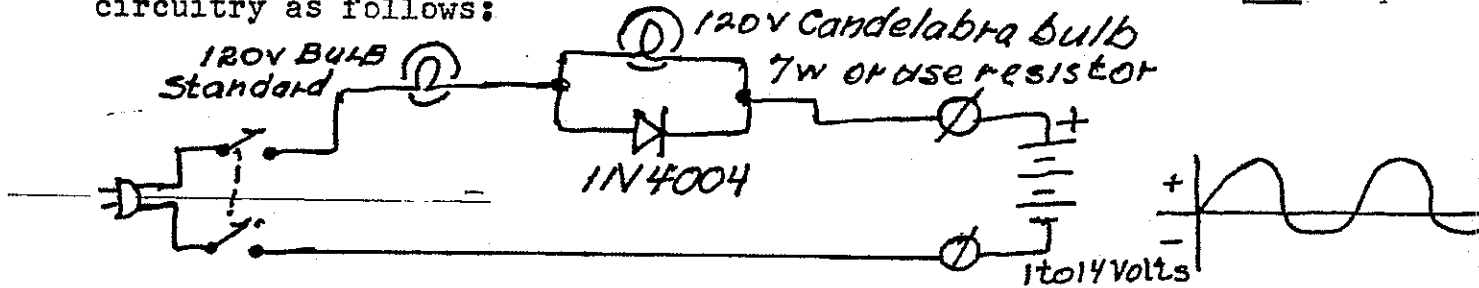
RADIO SHACK has donated prizes for  
the Club Raffle for several months.  
When in that area drop in and say  
hello and or buy an item or two.

If postal Rates go up march 15  
should we stop Short Skip?  
OR  
Print every other month?  
Let us know

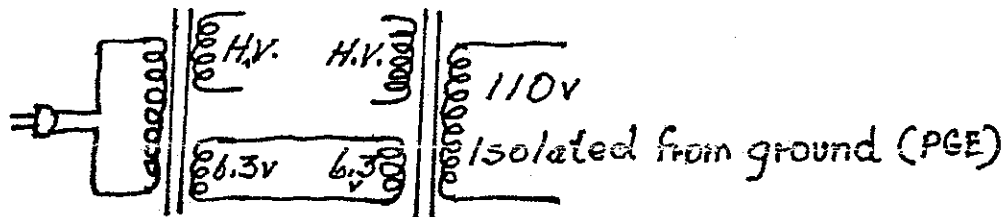
# Reverse Current Charging - Mike Miller - WB6TMH

Reverse current charging for batteries has been around for a long time. The idea is to alternately charge and discharge the battery to preserve and/or restore the fine structure of its electrodes. The technique works very well for rejuvenating tired lead acid batteries. Ni Cads like it too, and seem to tolerate over-charging better. Zinc-Carbon batteries may be partially recharged as well, but work best if not more than half discharged to begin with.

A constant current "hands-off" charger may be built without any complex circuitry as follows:



For a safer charger, make up an isolation transformer out of junkbox T.V. Transformers.

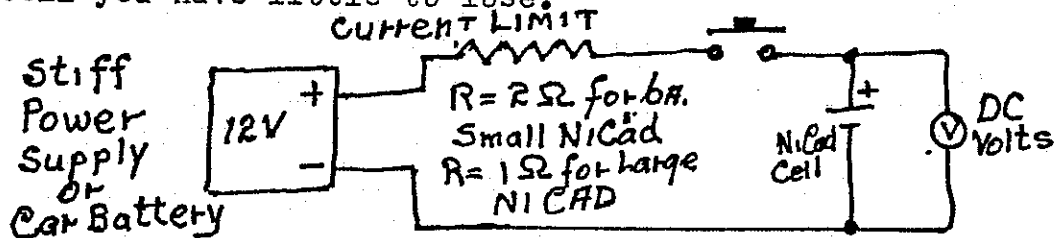


Set up the charger as follows:

- A) With candelabra bulb removed and a D.C. ampmeter in place of the battery, select a large bulb for the desired forward charging current.
- B) Put the meter in series with the candelabra socket and measure the reverse current with the output shorted. Select small lamp for 10 to 20% of forward current.

Cells may be charged in series up to 14 volts at approximately the same current.

When reviving NiCad power packs be sure to check for shorted cells. Cells that measure less than 0.1 volts have internal shorts that may sometimes be blown clear by a large burst of current. With a shorted cell you have little to lose.



Push the switch for a moment, then observe the meter. If the voltage comes up, the cell is ready for the reverse current charger. If not then push the button a few more times until the short clears. If that doesn't work up the current and try again.

Charge!! Mike

SWAP\*WANT\*SALE

COMPLETE- Drake (C) Line Mint Condition..Noise Suppressor- Rtty--This Unit is clean...\$700.00...Joe Cozzolino 526-7731

Yaesu-107M, with Memory-Power Supply-Antenna Tuner--Call Geo Leffingwell-KN6S, 707-523-2436 Sale

Sale - Swan 750-Tranceive 80-10-400CW--500 PEP--Spare Final Tubes Matched Power supply and Spker also. \$400.00 Call K6GIF--539-2987 Ask for Gil.

Wanted---Field Phones, all types, working or not...DC to DC Converter, 12v-gnd. to 12v + gnd., 1 amp. Min.--51J1-2-3-4, Rcvr working or not-- or any old Collins Gear...Telephone operator's Headsets, Old or New Call Greg WB6FZH--P.O. Box 1334 San Rafael, Ca. 94902--Ph. 415-927-0572

For Sale: Road talker--40 Channel- Am-Usb-Lsb- Converted to 10 Meters 28.5 and up by channels--With antenna. Call Ron, WB6NBR-545-3813 \$125.00--

For Sale by Terry, 528-6412--Call mornings--9am to 12-- Swan 350 with AC pwr sup. and Mike--\$250.00--Swan 120-20 mtr. with Mobile sup. \$75.00--Heath SB104 system, with pwr. sup. \$50.00--Road Talker conv. to 10 Mtr. AM, USB, LSB--28.510 and up. \$100.00

Call Geo-528-0201--KS6W--HP 410A-VTVM with RF Probe-CalRad pwr.sup. 6-9-12 volts at 1 amp.

For Sale: Call Joe N8ATB-527-0934--Fafayette HA460 6Mtr. Transceiver Vfo-Xtal-10Watt- Am 110 or 12v. \$45.00 Excellent Working Cond.

For Sale:KB6LO 546-7047---Flourescent light tubes,48".Used .50¢ guaranteed to work..Rapid start---New 600 ohm mobile mike with 4 pin con. \$5.00---High Voltage tran. 210 to230 ac input--1450 to 2950 output at around5 amps. 150lbs, New in shipping box....

Wanted --KB6LO--Novice tapes and study manuals--Military manuals and schematics. Will trade or swap.

Wanted--Small antenna tuner like MFJ. Write or call K5CH , Bob Estes. 408-426-2800, 120 Cliff St. #211, Santa Cruz. Ca. 95060.

Call Gary WB6PMN. He has a problem. Some items priced some for dickering. 528-4304---Variac 5 or 7 amp-\$10.00--Heath Scope,5", \$25.00. Eico, 5", \$35.00--HP 400C Db Meter...VTVM-NN/USM116C---Rx1Meg-1000v-\$25.00---2-BC221 Freq. Mtr. with Book-10.00---BC-7208 Rcvr. 2-6 Mh\$5.00-----2-Dry Charged Bat. 12 V.-\$5.00 Ea.--Eico Sig. Gen. 175Kc.to 420Mc.-Freq. and Sig. Gen.I222 A, 8 to 230 Mhz.---Sprague R and C checker-10pfd. to 50 Mfd.--\$10.00--300 Watt AC and DC Gen. Tiny Tiger Works, 110Ac and 12V DC., one at a time,\$50.00---Hickok Tube Tester, #533A, ---Dual Trace Scope, Teleguipment--D67--\$450.00, \$850.00List..... BC 348J Rcvr. 200Kc to 18Mc. 110 Built in supply.....12A,-0 to 35 V with Variac Control.----RT83/UPN-4 wave guide area.???---1-198A Sig. Gen. Nice Nat. Dial.....TS-92-AP, Amp Align What?----- Many hundreds of parts Etc. Cont. Bol. Pg 6

It seems Amateur is beginning to gain some ground in Santa Rosa. At least three local Amateurs have been allowed to move their stations back into the house. If you are cold and exiled, maybe Lyle, N6BLN, George, KS6W, or Ron, WB6NBR would be willing to share their secret for their success. There may be others. Do you suppose they have to use Head-phones????

#####

WLAW COMES TO LOCAL AREA

If you have trouble catching the WLAW bulletins on HF, here's news for the two meter fans. Each Sunday at 9:00 p.m. PST, WLAW bulletins are broadcast on Mt. St. Helena Repeater WB6ZQH/R on 146.18. Plans are under way to extend this service to other repeaters and could be extended to HF on a local basis if there is enough interest. Also to be included is a monthly DX bulletin. This Up to Date bulletin will be compiled by The Southern New England DX association. Tune in for the latest Propagation Forecast, FCC info, Satellite bulletins and ARRL news releases.

#####

Amateur TV (Fast Scan) will soon be making it's appearance on the local scene. Not sure who is in charge, but WA6RDA, Jerry Wilson is the man in the know. Understand that Norm, WB6VSD and others are joining in the project. Jerry, who works for Tru-Time, gave a demo on that subject at a club meeting some time ago and would like to see some interest in ATV. Hear tell there will be a REpeater in operation. Only problem this writer can find is that Now we'll have to shave and get all fancied up before going on the air, HI HI. No more bathrobes and slippers.

#####

W6QIE CODE PRACTICE Nightly on 3590 Khz at 8:00 p.m. PST except Mondays. WLAW Code Practice nightly at 7:00 p.m. 3580, 7080, 14080, 21080, 28080 Khz.

The problems encountered with the City of Santa Rosa over the unreasonable insurance requirements for our mini-expedition to the Ripley Museum clearly demonstrate the problem we, as Amateurs, have to educate the public.

For over fifty years, Amateur Radio has served the community and yet, they still do not know who we are. There is only one answer and our future may well depend on how we do our job. PUBLIC RELATIONS.

It is up to each and every one of us to spread the word of our good deeds and to talk it up with non-amateurs. You do not have to convince them to become Hams, but merely tell them about Amateur Radio as a hobby, of the contribution to technology, it's educational value to young people and most of all, about the PUBLIC SERVICE we provide at no cost to the community. Emergency Communications, Public safety, Traffic and accident reports, Free Radiogram service and best of all, the every-day international cultural exchanged carried on by the Amateurs around the world.

Most of all, report your activities to your Short Skip editor so you and your hobby can receive the recognition it deserves.

Our hobby is jeopardized daily by antenna restrictions, amplifier bans, TVI regulations and a bad name in some instances brought on by the 11 meter crowd. PROTECT what we have or we may not have it much longer.

X\*X\*X\*X\*X\*X\*X\*X

ODE TO A TELETYPE

Here's to you, you cute little thing with all your wheels and a million springs. OH yes, you've given me lots of pains with all your function levers and vanes. You've started and stopped and sometimes stalled, all because of an escaped pawl.....and if this course I should fail, it'll be because of your printing bail....But when I'M through will I deplore I'd like to slam you to the floor...And then to heave you over the brink, and then I'd watch you slowly sink.....

## HAPPENINGS ALONG HWY. 13/73 or CLEAN THOUGHTS ON A DIRTY WALL

By Ron.

Don-WA6ACX to Ron-WB6NBR, Ron don't give the coffee tray to that little girl her father is looking...Ron say's Don dropped his wallet and in trying to pick it up kicked IT! clear out into the kitchen-Ron had to pay....Another time Don was late so as he came to the door Ron handed him a Coffee Cup saying refills are free....Now the Kenwood racket--Lyman-WB6SMY, is always going down to Betty's--Not Hoppy's Betty--you see Betty's is a Coffee Shop and Lyman doesn't want Margaret to know he sneaks out for coffee and DN.....The latest from the north country is that two times in one day outsiders sneaked through Cloverdale and Ed - WB6UDR the Mayor of that fine city was not out by the stop sign collecting fee's...Infact he nearly cranked up the draw bridge to keep Don, WA6ACX out of town.....ACX-GFY-and NBR in a coffee shop and no one of course stepping forward to offer to pay---GFY flipped a coin--gues who paid---Don again...Even the old folks get into the act--Heard Sarah and Hank--W6DTV doing the beach at Bodega Head even at their age....Betty not getting her new car--If not Betty say's Hoppy will be spending more time out in the garage .... All for now-- Sometimes the Scanner is better than the Soap's on TV.....

---

PS---Don WA6ACX, Can no longer go through Cloverdale...He must stop at the Scales at the south end of town...Ed. will then bring him a Doggy bag and when he has time to escort him through town will do so...Hope the Doggy bag lasts..

---

Note: Aprox. the 15 of March Lyman, WB6SMY will enter Oak Knoll Hospital for work on his knees. Best of everything Lyman.

---

LATER NOTES: If you have 2 meter gear, tune in to 13/73 on Tuesday nites as things are getting better. Westlink news on each week relating to amateur radio---A swap shop for those that have used or new items to sell or trade.---A DX report is to be part of the weekly net but did not start this week.---Also our very own Roving reporter known far and wide as Rotten Ron--- Another item so all are informed---Due to cost of insurance the Club will not have the Mini-Expedition from the Church of one tree or the Sonoma Co. Fair.----- Both would have cost the Club about \$450.00 which is beyond our budget. Drop in on 31/91 net, which is after SCARS, our fellow Hams have named N6CYV as net control station and doing a fine job. They have a full round of activities on their net.

---

### LEFT OVER FROM SWAP AND SELL

Call Brad-528-8666 or Don (KB6HQ) 527-7847---Heath IO-4540 Scope 5" Dig. Readout MultiMeter, #IN1210---Reg. Pwr. Supply 0 to 30 Volts, 0 to 80 Volts, 200 ma. on 30v. 100 ma. on 180. Also Square Wave and Sine Wave output.--All manuals and Course included. \$300.00-----

Wanted: C. W. Filter for Drake TR4- 500 Hz or there about's Call Steve 546-8860

**DX Watch March by VP2ML**

March brings the lengthening days and increased solar radiation which keep the ionosphere strong. Signal strengths are greater, the maximum usable frequency is higher and bands stay open longer than at any other time in the year. Also, declining sunspots suggest this spring will be the best opportunity to work DX in the next 5-8 years. Don't miss it.

Watch for shortening skip on the 15 meter band which indicates 10 is opening. And try catching the short but interesting band opening just at sunrise and sunset.

**Special tips for March (with thanks to the DX bulletin):**

Antigua, by K9MK/VP2A and others now until March 18, including the ARRL DX Phone. There will likely be other DXpeditions throughout the Caribbean this first weekend in March, so use the opportunity on Sunday afternoon to boost your country total.

Also watch for: VP2MFC, by K1ZZ on Montserrat 18-31 March, especially cw at 25 up. Note, Ex-Beatles Ringo Starr and Paul McCartney are also on Montserrat, but not on the ham bands.

And, of course, yours truly will be on March 5- April 3 from Easter Island, WA1SOB/CEØA, qsl via K1RH. Say you're from Sonoma in the pileups. Look for me just above the phone band edges, higher in the bands during contests.

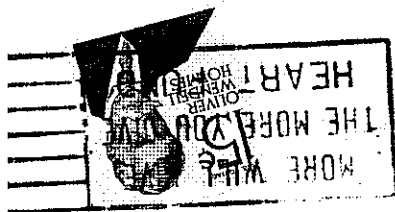
Betty & Henry Brown  
3411 Colby Lane  
Santa Rosa, Ca  
95401

CLUB CALL W6EFT

SANTA ROSA, CA. 95402

F. O. BOX 116

SONOMA COUNTY RADIO AMATEURS, INC.



POST 599 ON THE AIR

Our Explorer Post held it's first net meeting on 146.49 Simplex Monday Feb. 9th. 81. N6CZJ Steve was acting ~~net~~ control. All Post members checked in and a traffic handling training session was conducted with the assistance of W6DTV and N6DBZ. Future net meetings will be held on the second wednesday of each month at 7:30PM. local time. Visitors are always welcome. Eye ball meetings are held on the 4th wednesday of the month. We are pleased to welcome N6CYV Terry as assistance Advisor to the Post.....Lyle.