

SHORT SKIP

Sonoma County Radio Amateurs, Inc.



MAY 1987

Club Station

W6LFJ

P.O. Box 116

Santa Rosa, CA 95402

Repeater Station

WB6PVS

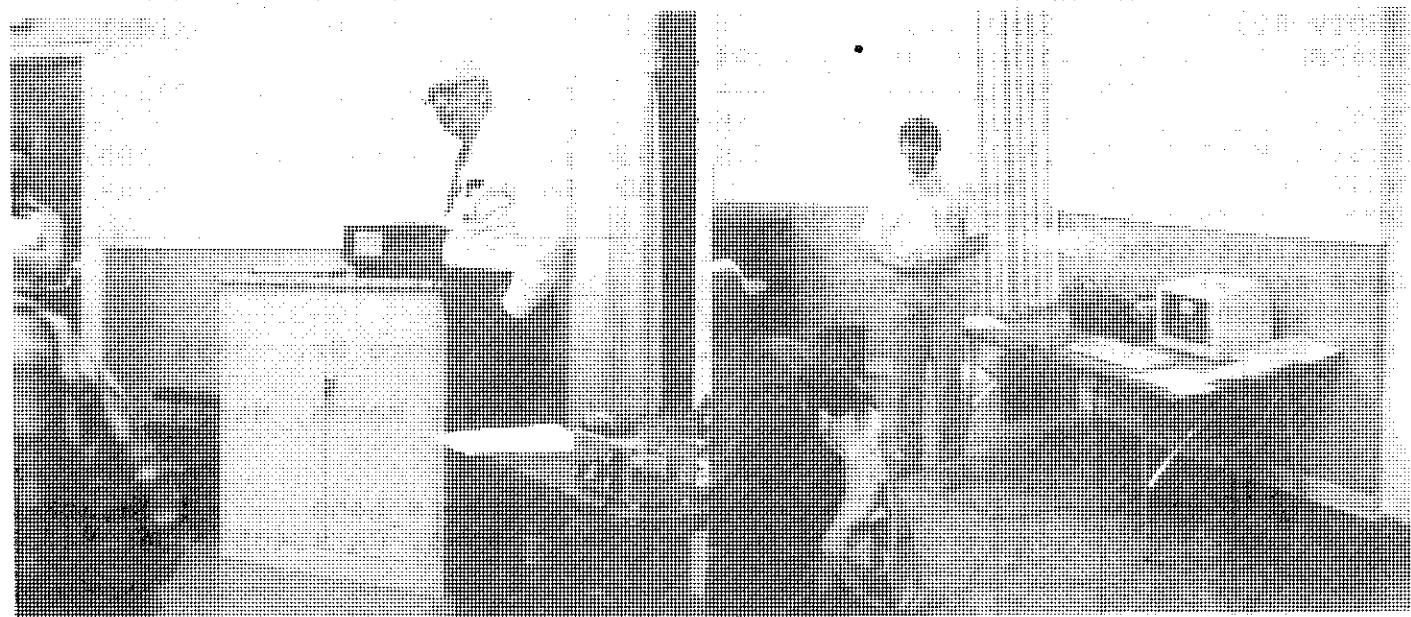
VOL 12 # 5

1987 SCRA HOMEBREW CONTEST



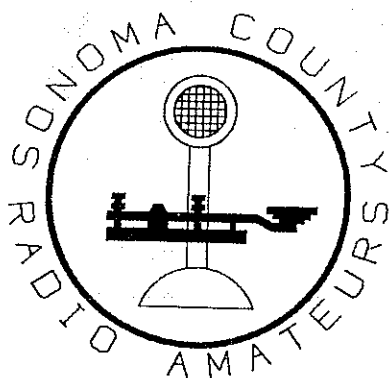
WINNER: Programmable Audio Filter,
Doug WW6D

Keyer, Jud KB6OYC



Duping program, Harvey K6KZ

Code practice and voice synthesizer
program, Brian WB6UTJ



-----OFFICERS FOR 1987:-----

PRESIDENT:	Connie Freitas	N6FYV	584-6730
VICE PRESIDENT:	Russ O'Neill	N6KMJ	778-1758
SECRETARY:	Marie Mappus	KI6QY	664-1978
TREASURER:	Alan Bloom	N1AL	538-7115
MEMBERS-AT-LARGE:	Don Osborne	WA6ACX	829-0565
	Brian Torr	N6IIY	887-1388
REPEATER CHAIR:	Hoppy Bravin	WD6CKP	542-6750
ACTIVITIES CHAIR:	Lyle Meek	WW6F	523-1066

-----SHORT SKIP STAFF:-----

EDITOR:	Alan Bloom	N1AL (e)	538-7115
	1578 Los Alamos Rd, Santa Rosa, CA	95405 (d)	577-3981
CIRCULATION MGR:	Tracy Reese	WB6TMY	
SWAP SHOP:	Hank Davis	W6DTV	823-7885

RACES LIAS: Warren WB6RHP, Bob WD6DPE
 ARRL LIAS: Alan Bloom N1AL 538-7115
 ASST. DIR: Chuck Sabin N6DDK 795-2371
 PUB. RL TNS: Hayes Hunter WB6KLU 795-5938
 HISTORIAN: Carolyn O'Neill N6KLR 778-1758
 BADGES : Hank Davis W6DTV 823-7885

-----ACTIVITIES COMMITTEE-----

PUBLIC SVC: Rudy Mappus N6KLU 664-1978
 PROGRAM CHAIRMAN: Phil N6OOA 838-2912
 REFRESHMENTS AT MEETINGS: Bob WD6DPE
 GREETER AT MTGS: Marie Mappus N6KUS
 RAFFLE: Rich KA6SSL Ken N6MHG Barry N6MHH
 QSL MANAGER: Doug Bender WW6D
 VEC EXAMS: Hank W6DTV 823-7885, WA6ACX
 N1AL K6ANP AG6C WD6CKP WN6D WW6D WW6F
 WB6FRZ KF6FX WA8LLY W6RIA WB6UDR WU6W
 EDUCATION: WA8LLY

AWARDS CHAIRMAN: Steve Lund WA8LLY
 MBR-OF-YEAR CHAIR: Rudy Mappus N6KLU
 FLEA MARKET CHAIR: Alan Bloom N1AL
 FIELD DAY: Gene Johnson W2EBG 578-3104

-----REPEATER COMMITTEE-----

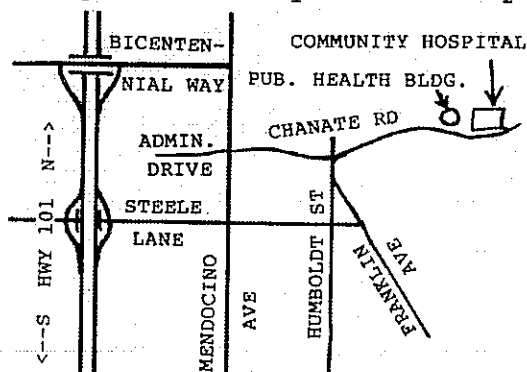
'73 Control Ops: WD6CKP 542-6750
 W6DTV 823-7885 N6KMJ 778-1758
 WB6PER 526-2972 WD6D/WB6UAZ 544-7943

-----CLUB MEETINGS-----

7/7:30 PM first Wed each month at the
 Public Health Bldg, 3313 Chanate Rd, SR
 NEXT CLUB MEETING: May 6, 1987

PROGRAM: WB9SYN-Flight of the Voyager
 Meetings open to all, member or not.

Dues are \$12/year, plus a one-time \$4
 initiation fee. (Includes call sign/
 name badge.) Family membership: \$18.

**ARE YOU NOT AN SCRA MEMBER?**

IF SO, then this is a complimentary copy. Our club is into almost every aspect of amateur radio: repeaters (13/73), Field Day, license classes (novice/upgrade), volunteer exams, RACES, DX programs, packet radio, hidden xmtr hunts -- you name it.

We invite you to attend our next monthly meeting (see below) or check into the SCARS net on the 146.13/73 repeater every Tues. night at 7 PM. You will hear the latest Westlink Amateur Radio news broadcast, SCRA announcements, and a Swap Shop. If you would like to join SCRA, please refer to the dues listed below. 73!

SHORT SKIP ADVERTISING RATES:

Business cards: \$10

\$14 First 1/4 Column
 \$2 Additional 1/4 Columns
 (\$28 Full Page, 1 side)

Pre-printed inserts: \$28/sheet

Guaranteed circulation: 200/month
 AD DEADLINE: 15th of previous month

RADIO SHACK

Store Nr. 3855

Zane Bates, Manager

510 Farmers Lane Telephone
 Santa Rosa, CA 95405 546-8423

PACKET COMMITTEE: Al N1AL Jim WN6D
 Terry WA6RNF Rich KA6SSL

THE PRESIDENT'S CORNER

At the April 1 General Meeting, Marie Mappus N6KUS was voted as Secretary, and Al Bloom N1AL was voted as Treasurer for the remainder of the year.

There will be a HAMSWAP held May 30 at American River College Stadium parking lot at 4700 College Oak Drive, Sacramento. See Short Skip for further details.

The net control for Tuesday nite net in May will be Brian N6IIY.

Word was received the other day that a former resident of the area, and former President of SCRA, Jim Tomer W6CYM, is ill. I'm sure that he would be glad to hear from his fellow hams. He can be reached at 474 Nunneley, Paradise, CA 95969.

The Sonoma County Sprint held in March was a success. Pam KB6LVI made the most contacts. Young Jeremy KB6KUI was high point winner with 37 points with Sarah Davis coming in with 36 and Barry N6MHH coming in with 33. CONGRATULATIONS TO ALL.

The winner of the Homebrew Contest was Doug WW6D. Second place was Harvey K6KZ, Third place was Brian WB4UTJ, and Fourth place was Jud KB6OYC. CONGRATULATIONS TO ALL!

The event now taking place is the 50-50 contest. This is making contact with 50 states in 50 days. This contest began 4/13 and will end 5/31. Contact Lyle WW6F, also member of THAT OTHER CLUB, for any information regarding this or any other upcoming events.

Remember that ARRL FIELD DAY will be coming up June 27-29. It will be held at Ragle Ranch Park on Ragle Road in Sebastopol.

!!! BEAT REDX !!!

There is a list of people interested in taking a Novice class. All that is needed is someone to teach the class. There is a room available to teach the class in.

Look for a list of member auto slot numbers in this issue of Short Skip. A control operator still must

be contacted in order to bring up the auto patch. However, emergency numbers and auto slot numbers can be brought up without the aid of a control operator.

Jim WB9SYN will be giving a talk about the Voyager [first non-stop around-the-world flight] at May's General Meeting.

Have a good month. 73

xx Connie N6FYV xx

**HELP MAKE****HAM RADIO GROW!**

We have a list of approximately 40 prospective hams anxiously awaiting a Novice class so they can learn to get their license. You can help! Even if you have never taught a class before, the materials we have will lead you right through the whole procedure.

I can tell you that teaching a class is a lot of fun. I would love to do it again, but between doing Short Skip, being Treasurer, helping build the packet digipeater, and non-radio activities I just don't have the time.

Of course, you don't have to teach all 40 people. In fact, small classes seem to work better, anyway. You can teach the class anywhere: the ham room at HSC Electronics is available on Saturdays; the EOC (where we used to meet) can be reserved most nights, or you can use your own home. Please consider helping out: you'll help out a lot of prospective hams and gain a lot of satisfaction in the process.

George KS6W has the list of people. Call him at (home) 838-6102, or (work) 792-2277.

- N1AL

May 1987 \$3.00

QST



SONOMA COUNTY GETS ITS SECOND
QST FIELD DAY COVER !!!

See rules inside

**MINUTES OF THE GENERAL MEETING OF SCRA, APRIL 1, 1987**

Officers present: President Connie Freitas N6FYV, Vice President Russ O'Neill N6KMJ, Secretary Marie Mappus N6KUS, Treasurer Al Bloom N1AL, Members-at-Large Don Osborne WA6ACX and Brian Torr N6IIY, and Activities Chairman Lyle Meek WW6F.

Visitors present: Jerry Waters, Bess Irman, and Ted Crofft KB6PTA.
Upgrades: Pam Bender KB6LVI.

The meeting was called to order by the President, Connie Freitas N6FYV, at 7:30 PM. Warren WB6RHP made a motion to approve the minutes of the March meeting. The motion was seconded by Doug WW6D.

Al N1AL gave the Treasurer's Report. There is \$1033 in the General Fund and \$2052.72 in the Repeater Fund. Monies received for the month of March totaled \$758. Expenses totaled \$488. A motion to approve the Treasurer's Report was made by Brian N6IIY and seconded by Ken N6MHG. There were no bills to approve.

Elections were held to replace the previous Treasurer and Secretary. Doug WW6D made a motion to elect the Acting Treasurer N1AL as Treasurer. This was seconded by Don WA6ACX. Warren WB6RHP made a motion to elect the Acting Secretary Marie N6KUS as Secretary. The motion was seconded by Doug WW6D.

Lyle reported that the Sonoma County Sprint held on March 20th was a success. Pam WB6LVI made the most contacts - 27, Jeremy KB6KUI was high point winner with 37 points, Sarah N6FAX had 36, and Barry N6MHH had 33.

Lyle WW6F announced that the next club event would be the 50 States in 50 Days contest. This activity begins on 0001 UTC 4/13 and ends 2959 UTC 5/31. Certificates will be awarded for the most contacts.

Al N1AL, speaking for the Repeater Chairman, Hoppy WD6CKP, stated that the autopatch has been turned off recently because of a jammer. The autopatch, however, can be brought up by dialing one's own slot number. The 911 number is also working.

Steve WA8LLY is teaching an upgrade class at the EOC on Thursday nights. He stated that there is a need for Novice instructors as there are many people interested in working for their Novice license. Russ N6KMJ announced that 22 persons have signed up for Novice classes at HSC. HSC is available to anyone wishing to hold Novice classes.

Bob WD6DPE reported on the last RACES Board meeting. Peter Freeman was elected Chairman of the Board, Warren WB6RHP Vice Chr., Bob Scolnick K6GEV Secretary, and Dale N6MRV and Garry N6ONZ are Assistant Radio Officers. There is a RACES drill on April 11. He also stated that RACES is in need of funds with which to operate. Bob WD6DPE asked if the club would be willing to supply a free sales table at the Flea Market. He also suggested that the club donate \$25 to RACES to help defray its expenses.

Jim WB6PER also made a plea for funds for RACES. Jim announced that there will be a training session on April 4 at the EOC in preparation for the April 11 drill. He also stated that anyone who needs a RACES card can apply for one on April 4. He then made a motion that the club donate \$50 to RACES. The motion was seconded by Phil N600A.

Jim WB6PER then again asked that a sales table be donated to RACES at the September Flea Market. Al N1AL made a motion that the club donate the table. Russ N6KMJ seconded the motion.

Rudy N6KLU announced the upcoming public service events. The March of Dimes Walkathon and the Coddington Lions Club Bikeathon are scheduled for April 26th. The Santa Rosa Bicycle Club will have a 100 mile race on May 3. The Luther Burbank Rose Parade will be held on May 16th. Rudy stated that people are needed to ride on the float and also to help with the decorations on the float. He again requested volunteers to participate in the runs, etc.

Rich KA6SSL announced that a radio had been procured for Packet and that Gary WA6ALL donated an isopole antenna. He also said a power supply was still needed. Warren WB6RHP announced that he would donate the power supply.

Al N1AL asked if there was anyone interested in purchasing QSL cards. He suggested that a better price could be obtained if a large quantity was apurchased. He will bring ideas for the card to the next club meeting.

OLD BUSINESS: A letter by Bill W2HWQ was read by Marie N6KUS. He protested the restrictions placed on the distribution of the autopatch codes. There was considerable discussion concerning this topic. Hank W6DTV made a motion that the club return to its old policy of issuing autopatch codes when a person pays their dues. Steve WA8LLY seconded the motion. The motion passed by a 24 to 8 vote.

Bill WD6DXW, on behalf of Jim WN6D, announced that there will be a packet meeting at the EOC on April 3rd beginning at 7:30 PM. They will discuss preparation for the earthquake drill on April 11th.

Warren WB6RHP, a member of the Council of Clubs, announced the decision of the Council of Clubs to sponsor a scholarship fund for Sonoma County High School students who are amateur radio operators. If approved by all clubs, each club would donate \$1.00 per member to the fund. A Board of Trustees would make the selection. After considerable discussion, it was decided to postpone a decision on this issue until the next club meeting.

Warren WB6RHP made a motion that membetr slot numbers be published in Short Skip. This was seconded by Hank W6DTV.

Lyle WW6F gave a short presentation of slided showing a Field Day expedition to Angel Island. This was done to promote interest in the upcoming SCRA Field Day events.

The club has obtained permission to use the Ragle Ranch in Sebastopol as the site of the SCRA Field Day activities. Field Day will be held June 27-29.

Ralph Johnson N6NTZ was picked as the winner of the membership drawing. It totaled \$50.25. Unfortunately, he was not in attendance, and it will be added to next month's drawing.

Tracy WB6TMY is a new advertiser in Short Skip. [Ed note: it's actually Tracy's friend W.S. Heimberger.] He is selling monogrammed cups and will engrave your name and callsign on the cup. The price is \$10.

The judges for the Homebrew Contest were Steve WA8LLY and Brian KE6WL. The projects were designed or made by the contestants. The winner was Doug WN6D who made an audio filter. Second place went to Harvey K6KZ for a computer log station. Third place went to Brian WB4UTJ for a speech synthesizer. Fourth place went to Jud KB6OYC for a battery-operated keyer.

The May meeting will feature Jim Horm as the guest speaker. He will talk about the trip of the Voyager.

Russ N6KMJ made a motion to adjourn the meeting. It was seconded by Warren WB6RHP. The meeting was adjourned at 9:40 PM.

Respectfully submitted by Marie N6KUS, Secretary.

SONOMA COUNTY WINS AGAIN

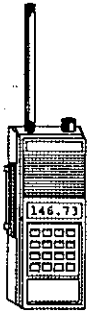
For the last 3 years in a row, a Sonoma Co. resident has won the big prize at the DX Convention. This year it was Jim Hicks KK6X who walked away with the TS-940 (around \$2300 list).

(Tnx WA8LLY)

PACKET IN SONOMA

Thanks to Bill Rettle, the City of Sonoma has purchased a packet station for the Emergency Operations Cntr. Floyd K6KQJ and Kermit W6JFN have assembled/checked the system. Operators will soon be needed for training. (Tnx VOMARC Newsletter.)

RACES NEWS



Well, the County pulled out of the emergency drill Saturday April 11, but we decided to go ahead and have a communications drill anyway.

At 0940 hours, the voice of Pete Peterka, County Director of Emergency Services, came up on '73 to announce a (simulated) major earthquake.

Within minutes, approximately 30-40 RACES members were covering their pre-assigned locations: County and local EOC's, hospitals (Memorial, Community, Palm Drive, Healdsburg, Petaluma Valley, etc.), and all the major local communities (Santa Rosa, Petaluma, Rohnert Park, Sebastopol, Healdsburg, Cloverdale, Kenwood, Sonoma, Windsor, and the coast.)

Frequencies used were 146.73, 145.25, 145.03, 223.76, 3.915, plus other local nets.

We made extensive use of PACKET RADIO for the first time, with stations at the EOC, Rohnert Park HP, Sonoma Police Station, Healdsburg EOC, and at Community, Memorial and Palm Drive Hospitals.

CRITIQUE OF THE RACES DRILL

After the drill Saturday, about 20 of the participants met at Lyon's Restaurant for lunch and a critique of the operation. Some excerpts:

(W6SVC) Excellent cooperation from Rohnert Park Chief of Police in getting the local RACES program into gear. Local EOC stations should handle local traffic with liason to County EOC from there.

(Pete Peterka, Director of Emer. Services) Expressed appreciation for the interest shown in the drill. "We can't get along without you. Keep up the good work."

(N6MRV) Send messages slowly enough to copy. Break frequently.

(W6TLK) The packet message format we used (with large starred box for a header) takes too much time/room.

(K6GEV) Write message on a piece of paper as you send it. This slows you down to a copy-able pace.

(WB6PER, RACES Chief Radio Ofcr) Make sure address and text clearly stated. Especially appreciate the initiative of the Rohnert Park group in getting their program off the ground. "Thank you all for coming."

(N6ONZ) Send messages slower. We should practice handling messages on our regular RACES nets. Local EOC's should have 2 radios - one for local stations, one to contact County EOC.

(WB6FRZ) We should use standard ARRL message format. We didn't get good practice in emergency chaos because it "went too smoothly."

(WB9SYN) Could receive, but couldn't be heard, on packet with the HT. Need more power.

(N1AL) Messages should have full names of both the Addressee and Signer, with their official titles. Use standard ARRL message form. PACKET: we should formally QSL messages, not just disconnect. The EOC packet station was overloaded. We need a local packet bulletin board to upload emergency traffic.

(N6GTF) Agree with W6SVC that County EOC should mainly communicate with local EOC's, with individuals checking in with local EOC.

(WA6LIA) At Healdsburg EOC, couldn't get reliable packet links. We need two verticals plus a beam for packet.

(N6LYJ) Need standard precedence system for messages. Stations should have drawing of radio network at operating position. WB6UDR suggests roll-call system on packet.

(Peterka) Operators must be formally assigned to duty to be covered by workman's comp. Major use of hams is to give "Report of Conditions" as they drive around. Be the County Officials' "eyes and ears."

SILENT KEY

Earl Whalen W6FS, member of a pioneer Sonoma family passed away April 20, 1987. - W6DTV



SONOMA COUNTY RADIO AMATEURS

50-50 EVENT

1. **ACTIVITY PERIOD:** This event will begin at 0001 UTC April 13, 1987 (4PM local time April 12) and end at 2359 UTC May 31, 1987 (4PM May 31).

2. **OBJECTIVE:** Objective for this event is for SCRA members to work as many as possible, if not all, of the 50 U.S. States within the designated 50 day period.

3. **TYPE OF COMPETITION:** This is a single-operator event: you must operate your own station without assistance. Contacts may be made on SSB and/or CW. You may use any of the following bands: 1.8, 3.5, 7, 14, 21, and 28 MHz.

4. **EXCHANGE:** RST + the operator's name. Be sure to maintain a separate log for this event.

5. **AWARDS:** Certificates will be awarded to the first station to present its log, within the 50 day period, showing it has worked all 50 states. If at the end of the event, no one has worked 50 states, then the closest station to 50 with the earliest log entry will be considered a winner. No QSL cards are required - this is an "HONOR SYSTEM" event. Awards will be given for SSB only, CW only, and SSB/CW mixed.

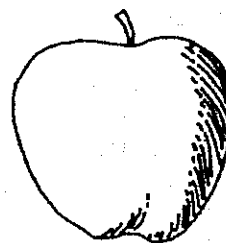
GOOD LUCK & ENJOY OPERATING

- WW6F

NEW CALLS AROUND THE COUNTY

Was... Is...

KA6HXP	KI6PD	Hans Sorensen
N6KUS	KI6QY	Marie Mappus



SEBASTOPOL AMATEURS and ROCKING & ROLLING APPLES

The annual Apple Blossom Festival is past for another year. This one may have been one of the best. Beautiful weather, blossoms all over, 20,000 plus people viewing the parade, and a very active group of Amateur Radio Operators helping with communications: W6CCY, KF6FX, KB6LVI, N6FYV, N6GZU, WA6ACX, N6DBZ, and W6DTV helped with a very smooth-running parade.

The next day came the Apple Juice Run -- a 10K race and a 2-mile beginners' race. Between 700 and 800 runners covered the 10K in just a little over 30 minutes time. A beautiful run through apple blossom orchards throughout the countryside. The Hams helped with communications, keeping track of the first 6 runners and reporting back to the finish line. All bases were covered by 7 check points and one with the Police Department in case of need.

WA6ACX, KF6FX, W6CCY, N6DBZ, K6KZ, WD6DXW, KF6FX, N6FAX & W6DTV completed the workforce of communicators.

- W6DTV

MESSAGE TO SCRA

From: Paradise, CA

To all my friends and well-wishers I send my heartfelt thanks.

-- W6CYM Jim

[Ed note: The club recently sent a get-well message to former SCRA President Jim Tomer has been ill.]



HAM SCHOLARSHIPS IN SONOMA COUNTY?

The Sonoma County Council of Radio Clubs has proposed to set up a college scholarship fund for Sonoma County student-hams. The proposal runs to 7 pages: I will try to condense it here.

Amateur Radio is growing slower than the US population, and the average age of US hams is increasing all the time. A scholarship fund would both give financial aid to deserving youth and also help publicize Amateur Radio.

The idea is that a fund be set up the first year. Later, a tax-exempt foundation would be formed to administer the fund on a permanent basis.

The foundation would be administered by a Board of Trustees, with one member from each participating Amateur Radio club, representatives from endowments (if any), and 1 or 2 individual donors selected randomly.

Annual public Board meetings would report past year activities, financial status, and plans for the coming year. Closed meetings would review scholarship applications, hold interviews with applicants, and select scholarship recipients.

Operating expenses (to cover mailings, publicity, school visits, etc.) would hopefully run 7% to 8% of income after two or three years.

Scholars must meet the following requirements: Radio communications, electronics, or related field of interest. Technician class or higher. Sonoma County high school senior with a minimum of a 2.0 "C" overall grade point average. Preference given to Sonoma Co. residents of at least two years.

REVENUE: Each participating club would give \$1 per member as of the highest level during the previous year. Individual memberships would run from \$10 (annual membership) up through \$500 (life membership). Any endowments go into a trust fund with only the interest spent for scholarships. Unspent money each year also

goes into the trust fund which would be invested in a "prudent manner" in such items as mutual funds, bond funds, and real estate funds.

We would need an active publicity program with high school newspapers, PTA organizations, and news media. The foundation should provide a semi-annual newsletter.

POTENTIAL PROBLEMS: Possible lack of qualified students. We need to encourage ham radio classes for young people, and possibly encourage electronics courses in high schools and scouting organizations.

Make sure we don't conflict with United Way fundraising.

A very neutral awards committee will be needed to avoid favoritism of a particular community or radio club.

Extensive research into forming a non-profit California Corporation.

- NLAL



TREASURER'S REPORT FOR MONTH ENDING MARCH 31, 1987

ACCOUNT	REVENUE	EXPENSE
Coffee & Donuts	8.50	10.56
Dues & Initiations	758.00	
Fund-Raiser (73 Mag)	15.00	
Raffle		4.23
Badges		28.62
Misc (donations)	36.00	
(new stationery, etc)		92.91
Treasurer's expense		6.82
Repeater Fund*	250.00	200.00
Short Skip	28.00	126.09
Westlink		18.71
Hats/Patches	1.75	
	-----	-----
	1097.25	487.94

ASSETS:

Cash/checks on hand	184.00
General Acct (Exchange Bank)	1033.21
Total General Fund	1217.21
Rptr Fund (Northbay Savings)	2052.73

* All \$250 of the refund for the 450 radios should have gone back into the Rptr Fund. Will transfer \$50 from the Rptr Fund to the General.

VE TESTING -- SCRA STYLE

On February 21, you may remember, SCRA sponsored an ARRL VE exam, as reported last month in Short Skip. I would like to thank the Volunteer Examiners who gave up their Saturday morning to help out:

W6DTV Hank, Team Contact Person
 KF6FX Irma
 WA6ACX Don
 WB6UDR Ed
 WU6W Bob
 W6LIA Wayne
 WA8LLY Steve

-- WW6D Doug, Team Liason

UPGRADE TESTS

VEC exams will be held May 23 at 9 AM at the Sebastopol Fire Station. Contact Hank W6DTV at 823-7885.

MARCH OF DIMES WALKATHON

The official start time was 8 AM, but the hams showed up before 7 to be ready for the start of the March of Dimes Walkathon Sunday March 26 in Santa Rosa. The second shift finished up around 4:15 PM. Participants included:

(AM): N600A "Demolition Derby" Phil, W6DTV "6 foot, 10 inch" Hank, N6FAX Sarah, N6DNB Glenn, N6MSJ Ken, N6IIY Brian, WB6EKV Bob, N6DDK Chuck, N6NTB Jane, KI6PD Hans, KF6CA Terri, KA6SSL Rich. (PM): KI6QY Marie, N6KMJ Russ, N6FYV Connie, N6GXI Ken, N6GZU Georgia, K6GEV Bob, KD6NT Al, N6MGY Dale, KF6RS Ray, K6KLR Carolyn, WB6DPE Bob, WB6RHP Warren, WD6CKP Hoppy. Hoppy was telephone outlet in the morning and KB6EOC Bob in the afternoon.

Rudy N6KLU was the coordinator. Thanks to Hank W6DTV for the info.

- NIAL

CDF-VIP

The new radio is in - it's a Kenwood 2550. Two Dick Smith Station Master-type antennas are on their way, and the 4 Rohn 25G tower sections are on order. Packet radio and ATV are in planning stage.

At the April 16 meeting, District Ranger Jim Gahagan gave a talk on the Operations Section of the Incident Command System. The June meeting will cover how to function as Fire Information Officer.

On May 26, 27, 28, there will be a giant simulated Incident Base at the Sonoma County Airport called "Coyote Base." In addition to CDF, invitations have been sent to over 2 dozen organizations. Amateur VIP's will be much in evidence providing communications. All available VIP's will be needed during daytime hours, 9AM-4PM, especially on the 27th.

**FREE FLEA MARKET!**

May 30 from 7AM to 2PM. Free to both buyers & sellers. (Sellers bring own table/chairs.) Place: HSC parking lot. (See ad page 12.)



NEWS of Amateur Radio

CAN NOVICES ACT AS DIGIPEATERS? At first glance, it would seem not, since Novices may not be control operators of repeater stations. Based on discussions with ARRL, it seems that FCC makes a distinction between packet digipeaters and "normal" repeaters. For now, they'll adopt a "wait and see" attitude. Yes, Novices stations can digipeat, but if problems develop, FCC reserves the right to re-interpret the rules to prohibit it. (ARRL)

OBSCENITY STILL ILLEGAL on the ham bands. On April 16, the full FCC Commission overturned a Review Board decision that stated that since Amateur Radio transmissions are "private" (i.e. not broadcast to the public), obscene, indecent or profane language is not illegal. The new ruling states that Amateur Radio IS like broadcasting to the extent that children may be listening to the transmissions. The ARRL and the Private Radio Bureau had brought the appeal. (WIAW)

EXTENSION GRANTED IN 220 DOCKET. The new deadline for General Docket 87-14 is May 21, 1987. (ARRL)

MARS STATIONS COUNT FOR FIELD DAY. 100 bonus points for the first QSO, normal points for others. Freqs: 3229.5, 4018.5, 4042.5, 6997.5, 7382.5, 7528.5, 13997.5, 14385.0, 14528.5, 20874.5, 20998.5, 20995.5. Listening freqs in the ham bands will be announced. (ARRL)

THE 1ST EMERGENCY RESPONSE INSTITUTE seminar had nearly 200 attendees in San Jose March 29-29. Attended by ARES, RACES, and other hams plus representatives and speakers from Federal, State & local public safety and emergency management agencies. (Tnx KH6GBX via N6IIU-1 BBS)

Thanks to the ARRL Letter, WIAW bulletins and KH6GBX for this info.

H.S.C. Electronic Supply

PHONE: (707) 792-2277

of Santa Rosa

DIVISION OF HALTED SPECIALTIES, INC.

PARTS - EQUIPMENTElectronics - Lasers & Optics
Microcomputers - Amateur Radio6819 S. SANTA ROSA AVENUE
COTATI, CA 94928**GEORGE SHEDORE**
MANAGER

Sacramento Valley

HAMSWAP '87

Saturday, May 30, 1987

American River College
Stadium Parking Lot4700 College Oak Drive
Sacramento, CA.Open for sellers at 7:30 AM
Buyers at 8:00 AM

SPACES \$6.00 PER SELLING VEHICLE

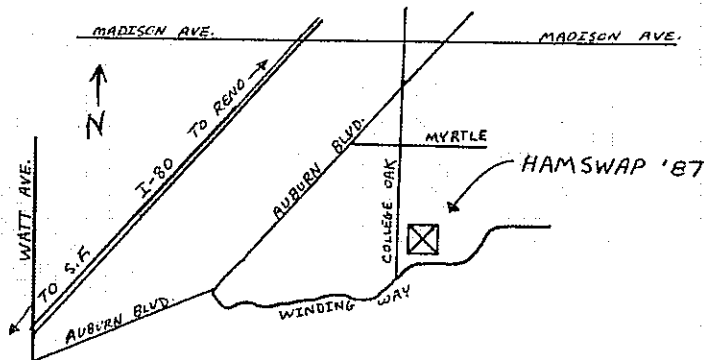
Refreshments Available
Hourly Raffles

Sponsored by

NORTH HILLS RADIO CLUB

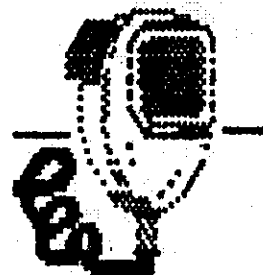
Talk-in on K6IS/R
144.59 in/145.19 out
223.18 in/224.78 out

For further information, contact:

Jim Pratt, N6IG
HAMSWAP '87 Coordinator
1180 Arroyo Grande Drive
Sacramento CA. 95864
(916) 483-2208



H.S.C.



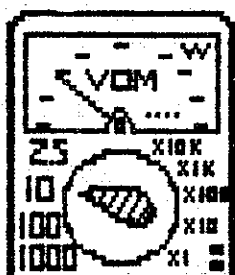
ELECTRONIC SUPPLY

6819 SOUTH SANTA ROSA AVENUE - COTATI

792-2277

ONE BLOCK SOUTH OF NEW K-MART IN ROHNERT PARK

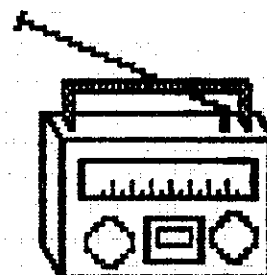
REGENCY	Scanners	COM-SPEC	TT Encoders
BEARCAT	Scanners	GORDON WEST	CW Tapes
MFJ	1270 TNC \$139	ARRL RADIO AMATEUR CALLBOOKS	
AVANTI	On-Glass 2 Meter Antenna:		\$42.50
ALINCO HT	+ extra NICAD PACK & SPEAKER MIC:		\$328.00
RF CONCEPTS	2 METER AMPLIFIER, 2W IN, 170W OUT		
	With GASFET PREAMP, VSWR PROTECTION		



CONSIGNMENT NOW TAKEN
ON AMATEUR RADIO GEAR!

PHONE IN YOUR ORDERS,
DELIVERY BY NEXT DAY UPS!

FREE FLEA MARKET IN PARKING
LOT MAY 30. COME CHECK OUT
THE SUPER STORE SPECIALS!

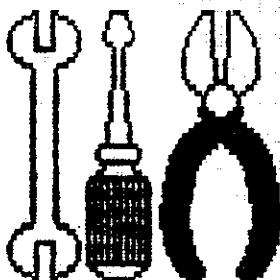


WE STOCK THE MAJOR PRODUCTS & BRANDS

MIRAGE LINEARS, KLM ANTENNAS, ARRL PUBLICATIONS, VAN GORDEN ANTENNAS,
DICK SMITH PRODUCTS, LARSEN ANTENNAS, TAB BOOKS, AND MANY MORE!

COME VISIT OUR COMPUTER & HAM ROOMS

HAVE A FREE CUP OF COFFEE, BROWSE AROUND THE STORE AND SEE ALL THE
SURPLUS BARGAINS THAT ARE AVAILABLE. CHECK OUT OUR NEW AND USED
COMPUTER EQUIPMENT IN THE "COMPUTER ROOM". STOP INTO OUR
(SOON TO BE COMPLETED) "HAM ROOM" AND "QSO" WITH YOUR LONG LOST
FRIENDS. COME CHECK US OUT, YOU'LL BE HAPPY YOU DID!





----- HANK'S SWAP SHOP -----

Hank Davis W6DTV 7822 Washington Ave
Sebastopol, CA 95472 823-7885
(Noncommercial ham ads printed free)

KENWOOD 520S 10-160M, DG-5 Digital display, VFO-520 AT-200 antenna tuner, MC-50 Mic, \$600.
GAS GENERATOR 2000W 110 VAC 17.4 A continuous Winco Storm Master \$250.
Garry N6ONZ 584-3425.

HEATH DUMMY LOAD HN31 \$20. Hank 823-7885.

KLM FORCE-5 80-10M SSB 100W mobile.
TEN TEC SCOPE 564-B Dual trace, manuals and probes \$325.
ACOUSTIC MODEM 300 baud, RS-232 \$20.
Steve WA4DUT 544-8142.

KENWOOD TH21BT, new w/ TT pad, P/L, charger. \$175. Joe 526-7731.

TELEFUNKEN World type radio \$495.
Mrs. Betty Green 544-3661.

ICOM-735, CW filter keyer PS55 \$900.
KENWOOD CW FILTER 500-YK-88C-1 \$50.
Sam WN6W 575-0400.

WANT: HP23 power supply.
HAVE: Shure mobile mic & TV rotors.
Larry KF6WV 874-3018.

US CALLBOOK, 1987 for sale. Steve Lund WA8LLY 823-4544.

WANT: DRAKE MN4C manual. (Antenna Tuner) Ray KD6HT.

NC300 Receiver/speaker \$100.
MFJ VERSATUNER II, Model 941-B \$50.
AUTEK QF-2A SSB/CW/AM filter \$40.
VIBROPLEX keyer paddle \$50. Steve Schaffer KD6GC (home) 546-8860, (work) 527-3101.

40 ft FREESTANDING TOWER, Mosely Classic Tri-bander, Rotor, cable

(tower in 8' sections).
COLLINS 30S1 Linear (uses 4CX1000A).
KWM-2 (winged). Benson 545-5900.

WANT: DRAKE R7 or R7A receiver in good condition. Bill Miner WG6H 762-5938.

----- EVENTS CALENDAR:

MAY:

- 3 - 100-Mile Bike race
- 4 - RACES etc. Net 7:30 PM
- 6 - SCRA meeting 7/7:30 PM
- 8 - ARRL 902 MHz Sprint
- 9 - Foothill College Flea Market
- 13 - Board meeting EOC 7:30 PM
- 14 - ARRL 1296 MHz Sprint
- 16 - Luther Burbank Rose Parade
- Armed Forces Day
- 18 - RACES etc. Net 7:30 PM
- 21 - CDF VIP Meeting 7:30 PM
- 23-24 - ARRL 50 MHz Sprint
- 30 - HAMSWAP '87 Sacramento

JUNE:

- 7 - Moscow Road Run
- 13 - Foothill College Flea Market
- 13-14 - 2M/220 RACES Emergency Test
- 13-15 - ARRL VHF QSO Party
- 26-27 - CAFE 400 fuel economy flight
- 27-28 - Field Day ** BEAT REDX! **

Aug 15 - SCRA Picnic, details later

Sept 19 - SCRA Flea Market
Sept 19-20 - Luebeck City-Festival

Oct 17-18 - RACES Simulated Emer.

Dec 5 - SCRA Christmas Party

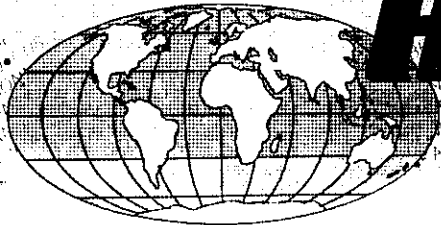
VE EXAMS HOTLINE NR: 408-984-8353

*Regency
Glass Engraving*

HAM CALL SIGNS AND INITIALS
ENGRAVED ON CLEAR GLASS
COFFEE MUGS. CALL OR WRITE

P.O. BOX 802
NOVATO, CA 94948

W. S. HEIMBERGER
(415) 892-6587



HAM RADIO OUTLET

LARGEST HAM OUTLET IN THE WORLD

OUR COMMITMENT TO YOU IS
QUALITY, ACTION & SERVICE.

7 STORE BUYING POWER

KENWOOD TS-940S



TOP-OF-THE LINE
HF TRANSCEIVER

GREAT PRICE. CALL

KENWOOD

TM-3530A



The First Comprehensive
220 MHz FM Transceiver

**ARE YOU READY FOR
220 MHz OPERATION?**

HAM RADIO HOME STUDY NOVICE VOICE COURSE



- Updated novice-voice questions
- 6 stereo code & theory cassette tapes
- 2 text books, code oscillator, key & battery
- Color Ham Bands wall chart & frequency list
- Sealed novice exam for a Ham friend to give you the code & theory test in your home
- FCC license application forms & instructions to your examiner. Ideal for spouse & the kids!

\$49.95



MA-40

40' TUBULAR TOWER

\$745 SALE! \$549

MA-550

55' TUBULAR TOWER

\$1245 SALE! \$899

- Handles 10 sq. ft. at 50 mph
- Pleases neighbors with tubular streamlined look

TX-455

55' FREESTANDING
CRANK-UP

- Handles 18 sq. ft. at 50 mph
- No guying required
- Extra-strength Construction
- Can add raising and motor drive accessories

Shown with optional
MARB rotor base

IN STOCK FOR QUICK DELIVERY
OTHER MODELS AT GREAT PRICES

hy-gain

CRANKUP SALE!

Single Strength

(handles 9 sq. ft.)

HG37SS - 37' Tower

HG52SS - 52' Tower

Heavy Duty

(handles 16 sq. ft.)

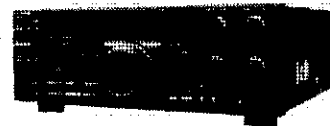
HG54HD - 54' Tower

HG70HD - 70' Tower

- All steel
- Includes base & rotor plate
- No guying required
- Hot dip galvanized
- Accessories available

CALL FOR PRICE!

KENWOOD R-5000



High Performance Receiver

- Covers 100 kHz - 30 MHz in 30 bands
- Superior dynamic range
- Computer control option

LOW PRICE!



YAESU

FT-727R

5w. Dual Band
2m/440 MHz

**Enhanced Version
Now Available!**

GREAT PRICE!



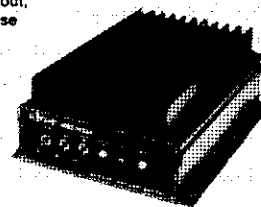
30w in, 160w out,
with low-noise
preamp!

MODEL
2M30-180P
for 2 meters
SALE!

\$219.95

From the Originator of the
QUALITY VHF AMP/PREAMP COMBO!

Full Line Now Includes
UHF Models with
GaAs FET PREAMP!



**FREE
SHIPMENT**

All Major Brands in Stock Now!

CALL TOLL FREE (800) 854-6046



Toll free including Hawaii. Phone Hrs: 7:00 am to 5:30 p.m. Pacific Time. California, Arizona and Georgia customers call or visit nearest store. California, Arizona and Georgia residents please add sales tax. Prices, specifications, descriptions subject to change without notice.



PAID-UP MEMBERS OF SCRA

As of 4/24/87

AS#*

1	BILL DAGER	7036 OVERLOOK DR	SANTA ROSA, CA	95405	539	8192	
2	LOU SCHNEIDER	100 BRIAN ST	WINDSOR, CA	95492	838	6942	
3	KB6AAD HOWARD GLANDON	118 VALLEY LAKES	SANTA ROSA, CA	95405	539	6098	
4	WA6ACX DON OSBORNE	9070 GREEN VALLEY RD	SEBASTOPOL, CA	95472	829	0565	46
5	W6AFQ CLAY FISHER	5858 CHANNEL DR	SANTA ROSA, CA	95405	539	9460	
6	KF6AG PAT SCHAFFER	2320 MARK WEST SPRINGS	SANTA ROSA, CA	95404	546	8860	67
7	W6AHH ROBERT D. BROWNE	2339 MEYERS DRIVE	SANTA ROSA, CA	95401	542	2756	72
8	N1AL AL BLOOM	1578 LOS ALAMOS RD	SANTA ROSA, CA	95405	538	7115	25
9	K6ALI ALBERT STYLES	2407 FRANCISCO AVE	SANTA ROSA, CA	95401	545	9407	
10	WA6ALL GARY R. HARWELL	3986 PARKER HILL RD	SANTA ROSA, CA	95404	538	9283	124
11	WA6AQA RUTH S. LAWRENCE	521 TERESA CT	SEBASTOPOL, CA	95472	829	2350	
12	N6AVD L. PAUL DIXON	18759 KING CT	SONOMA, CA	95476	938	1472	
13	N6BBI JOSEPH HOFFMAN	3828 JOY RD	OCCIDENTAL, CA	95465	874	3269	
14	W6BNB BOB SHRADER	11911 BARNETT VAL.	SEBASTOPOL, CA	95472	823	9122	
15	N6BTR HAL FINLEY	PO BOX 566	EL VERANO, CA	95433	935	0640	
16	KG6BW GEORGE KING	2416 SYCAMORE COURT	SANTA ROSA, CA	95404			
17	K6BWV DICK MADDUX	2435 MURDOCK DR	SANTA ROSA, CA	95404	578	8825	
18	KA6BYX JAMES HOBART	2053 HUMBOLT ST	SANTA ROSA, CA	95404	546	3225	64
19	KF6CA TERRI PANNETT	5961 YERBA BUENA RD	SANTA ROSA, CA	95405	539	7715	33
20	WD6CCG R. BRAD WEBB	16761 MISSION WAY	SONOMA, CA	95476	996	0278	
21	W6CCY JOHN LYNCH	6710 NICOLE CT	SEBASTOPOL, CA	95472	823	1357	
22	WD6CKP HOPPY BRAVIN	3411 COFFEY LANE	SANTA ROSA, CA	95401	542	6750	85
23	N6CZJ STEVEN MEEK	1469 LUPINE DR	SANTA ROSA, CA	95401	523	1066	
24	WW6D DOUG BENDER	3638 HEMLOCK COURT	SANTA ROSA, CA	95401	526	5131	
25	WN6D JIM BOYETT	1326 DOGWOOD DRIVE	SANTA ROSA, CA	95401	544	7943	77
26	N6DDK CHUCK SABIN	8345 BRAND LANE	PENNGROVE, CA	94951	795	2371	79
27	WA6DGK LEWIS KIMBALL	719 BONNIE AVE	ROHNERT PK, CA	94928	795	3858	
28	N6DIP FRANCIS RALPH	901 WASHINGTON ST	CALISTOGA, CA	94515	942	6894	
29	W6DIX KENNARD WILSON	5226 GAYLE DR	SANTA ROSA, CA	95401	525	8274	
30	KB6DJG DAVE ELMORE	1727 LAGUNA RD	SANTA ROSA, CA	95401	544	3537	
31	KA6DJY JOHN KOBOLD	2433 APPLETREE DR	SANTA ROSA, CA	95401	544	5330	
32	WD6DPE BOB OLSTEN	3723 ARIZONA DR	SANTA ROSA, CA	95405	546	5593	22
33	N6DSW GEORGE WALLACE	POB 13	TOMALES, CA	94971			
34	W6DTV HENRY DAVIS	7822 WASHINGTON AV	SEBASTOPOL, CA	95472	823	7885	29
35	WD6DXW BILL THOMAS	5341 THOMAS RD	SEBASTOPOL, CA	95472	823	9429	
36	W6DZM DON CHRISTENSEN	2210 OAKHILL DR	SANTA ROSA, CA	95404	545	2241	
37	K6EAN BOB BENDT	18 TERRACE DR	COTATI, CA	94928	792	1525	
38	W2EBG GENE JOHNSON	2437 WIDGEON CT	SANTA ROSA, CA	95401	578	3104	
39	WB6EKV BOB SONES	4810 ROCKRIDGE LANE	SANTA ROSA, CA	95404	546	3873	
40	K6ENP CHARLES MACKEY	926 WEST SPAIN ST	SONOMA, CA	95476	?		
41	KB6EOC ROBERT PHILLIPS	1508 PLUMERIA DR	SANTA ROSA, CA	95401	542	5209	
42	KA6EYN KURT R. IRMITER	1068 WREN DR	PETALUMA, CA	94952	763	7486	
43	WW6F LYLE MEEK	1469 LUPINE DR.	SANTA ROSA, CA	95401	523	1066	
44	N6FAX SARAH DAVIS	7822 WASHINGTON AV	SEBASTOPOL, CA	95472	823	7885	29
45	N6FCV GERI BREMER	3200 TOBIN LANE	SANTA ROSA, CA	95407	546	7047	
46	KB6FHT ANNE FIGUHR	2412 FOOTHILL BLVD #161	CALISTOGA, CA	94515	942	5883	
47	WD6FMG HERB UPHAM	4747 VINE HILL RD	SEBASTOPOL, CA	95472	823	1251	
48	N6FQZ JACK GUGGOLZ	1123 PALOMINO RD	CLOVERDALE, CA	95425	894	5798	
49	WB6FRZ JOHN BRECKENRIDGE	574 WILD OAK DR	WINDSOR, CA	95492	838	6398	73
50	KF6FX IRMA OSBORN	9070 GREEN VALLEY RD	SEBASTOPOL, CA	95472	829	0565	
51	N6FYV CONNIE FREITAS	POB 4553	PETALUMA, CA	94953	584	6730	55
52	NR6G ARTHUR J. HALL	5555 MONTGOMERY DR #68	SANTA ROSA, CA	95405	579	6923	
53	KB6GBV KERMIT SHIRK	3800 MAYETTE AVE	SANTA ROSA, CA	95405	546	4461	21
54	KD6GC STEVE SCHAFFER	2320 MARK WEST SPRINGS	SANTA ROSA, CA	95404	546	8860	67
55	K6GEV ROBERT N. SCOLNICK	900 LIBERTY ROAD	PETALUMA, CA	94952	762	8874	90

AS#*

56	WA6GFV	CHARLES A. CORBETT	5555 MONTGOMERY DR #58	SANTA ROSA, CA	95405	579	6913	
57	W6GFY	J. C. VAN GROOS	1709 PAMELA DR.	SANTA ROSA, CA	95404	544	3485	
58	KI6GG	FRANK LA POINTE	19753 PHOENIX LAKE RD	SONORA, CA	95370			
59	WD6GGN	ERNEST M WEBB	1365 GASPAR COURT	ROHNERT PK, CA	94928	585	1916	78
60	KB6GIU	CURTIS BRAUCHER	7319 WOODSIDE DR	STOCKTON, CA	95207	209	477	3279
61	KH6GJV	BILL HILLENDahl	PO BOX 4151	SANTA ROSA, CA	95402	539	2791	
62	N6GTF	HELEN DETTLING	PO BOX 962	PETALUMA, CA	94953	762	4087	118
63	W6GYG	JIM T. HALL	20747 TEMELEK DR	SONOMA, CA	95476	938	1559	
64	N6GZV	MAY KOBOLD	2433 APPLETREE DR	SANTA ROSA, CA	95401	544	5330	
65	KA6HGW	BART HOLMES	2818 COCHINA CT	SANTA ROSA, CA	95401	528	3955	103
66	KG6HO	DAN SWANN	BOX 137	GLEN ELLEN, CA	95442			
67	KB6HT	RAY MILLER	8099 B STREET	WINDSOR, CA	95492	838	4189	94
68	W2HWQ	BILL KOCZON	1308 ST. FRANCIS	PETALUMA, CA	94952	763	5405	92
69	KA6HXP	HANS G. SORESEN	9684 OCONNELL RD	SEBASTOPOL, CA	95472	823	2091	107
70	KI6IA	DWYANE C. KENNEDY	60 HILLSIDE AVE	SAN RAFAEL, CA	94901	415	459	2066
71	KD6IB	PAUL R. PHILLIPS	151 ALDERBROOK DR	SANTA ROSA, CA	95405	546	6986	
72	N6IYY	BRIAN TORR	PO BOX 218	MONTE RIO, CA	95462	887	1388	
73	N6IRJ	SUSAN RUTHERFORD	PO BOX 222	KENWOOD, CA	95452	526	2972	41
74	NY7J	H.L. (LARRY) CLARK	7708 SONOMA HWY	SANTA ROSA, CA	95405	833	1155	
75	KI6JC	RAUL TAIBO	PO BOX 27	VINEBURG, CA	95487	938	9175	130
76	WB6JQP	MATT WALSH	405 PETERSEN LANE	PETALUMA, CA	94952	763	9120	
77	W6JXZ	JOHN DeMUTH	3862 OAK TRAIL PLACE	SANTA ROSA, CA	95405	833	4600	
78	KI6KE	JAMES A. JOHNSTON	400 TWIN LAKES CIRCLE	SANTA ROSA, CA	95405	538	2857	104
79	N6KIJ	KEN PERRY	21791 BONNESS RD	SONOMA, CA	95476	938	3114	120
80	N6KLR	CAROLYN ONEILL	15 ROCCA DR	PETALUMA, CA	94952	778	1758	88
81	WB6KLU	HAYES HUNTER	6859 EAGLE RIDGE	PENNGROVE, CA	94951	795	5938	61
82	N6KLU	RUDY MAPPUS	374 SPRAUER RD	PETALUMA, CA	94952	664	1978	86
83	N6KMJ	RUSSELL ONEILL	15 ROCCA DRIVE	PETALUMA, CA	94952	778	1758	88
84	W6KNO	JACK JACKSON	18 HIGHGATE RD	KENSINGTON, CA	94707	875	2438	
85	K6KQJ	FLOYD WHITFIELD	19900 ARNOLD DR	SONOMA, CA	95476	996	9413	
86	KB6KSA	PATRICK BRODERICK	3357 GLEN ECHO DR	SANTA ROSA, CA	95404	528	2109	
87	W6KTT	TOM SEHABIAGUE	2781 WARM SPRINGS RD	GLEN ELLEN, CA	95442	525	1751	
88	KB6KTX	BEA JOHNSON	2437 WIDGEON CT	SANTA ROSA, CA	95401	578	3104	
89	KB6KUI	JEREMY LIGHT	829 SONOMA AVE #7	SANTA ROSA, CA	95404	527	0456	
90	N6KUS	MARIE MAPPUS	374 SPRAUER RD	PETALUMA, CA	94952	664	1978	86
91	W7KXB	BILL HARRIS	POB 962 360 TOM JONES	BODEGA BAY, CA	94923	875	3679	
92	K6KZ	HARVEY J. LAWRENCE	521 TERESA CT	SEBASTOPOL, CA	95472	829	2350	
93	N6KZS	PHILIP COPENHAVER	48 LARK CENTER DR #2	SANTA ROSA, CA	95401	542	2218	47
94	N6LCR	LAURETTE ROBERGE	7124 ADRIAN DR	ROHNERT PK, CA	94928	795	6611	100
95	N6LCS	JOSEPH ROBERGE	7124 ADRIAN DR	ROHNERT PK, CA	94928	795	6611	100
96	W6LCZ	KEN CHRISTENSEN	2615 RANCHO CABEZA DR	SANTA ROSA, CA	95404	542	2716	115
97	W6LGQ	ART HAGOPIAN	34 LAUREL AVE	PETALUMA, CA	94952	762	2132	123
98	WA8LLY	STEVE LUND	10180 MILL STATION RD	SEBASTOPOL, CA	95472	823	4544	
99	KB6LO	DON BREMER	3200 TOBIN LANE	SANTA ROSA, CA	95407	546	7047	
100	W6LOU	FRED PLANTE	10020 SKY CT. CLR	KELSEYVILLE, CA	95451	277	7377	
101	KI6LS	REN BACULO	5599 INVERNESS AVE	SANTA ROSA, CA	95404	584	8320	
102	KB6LVI	PAM BENDER	3638 HEMLOCK COURT	SANTA ROSA, CA	95401	526	5131	
103	WB6MCE	RICHARD JOY	1025 DANBECK AVE	SANTA ROSA, CA	95404	542	8444	
104	N6MGY	WILBUR DALE	4030 BARNES RD	SANTA ROSA, CA	95401	528	1911	53
105	N6MHG	KEN HARRISON	441 PHEASANT LN	SANTA ROSA, CA	95401	579	1230	35
106	N6MHH	BARRY HIRSCH	427 CAMBIASO PL	SANTA ROSA, CA	95405	539	6833	31
107	W6MHJ	DICK FIGUHR	2412 FOOTHILL BLVD #161	CALISTOGA, CA	94515	942	5883	
108	N6MHU	PAM MEEK	1469 LUPINE DR	SANTA ROSA, CA	95401	523	1066	
109	VP2ML	CHOD HARRIS	3529 DEER PARK DR	SANTA ROSA, CA	95404	526	2198	
110	N6MRV	DALE C. VAWTER	1350 GASPAR CT	ROHNERT PK, CA	94928	584	4670	
111	KB6MYG	VALERIE POTTS	617 SUNNY MANOR WAY	SANTA ROSA, CA	95401	545	0285	
112	K6MZ	LYLE ANDERSEN	10625 CANYON RD	FORESTVILLE, CA	95436	887	2166	

									AS#*
113	KB6MZE	JANET GREENE	1158 HARVARD DR	SANTA ROSA, CA	95405	578	0242	32	
114	N6NSG	CANDY VAWTER	1350 GASPAR CT	ROHNERT PK, CA	94928	584	4670		
115	N6NTB	JANE VANDERSLICE	184 BOAS DR	SANTA ROSA, CA	95405	539	9682		
116	W6NTZ	RALPH JOHNSON	885 CRINELLA	PETALUMA, CA	94952	763	9616		
117	KB6NVJ	JOHN HALL	813 MAPLE DR	PETALUMA, CA	94952	762	5198		
118	KA7NZO	LEE SNYDER	19415 REDWOOD DR	MONTE RIO, CA	95462	865	1269	75	
119	N6OH	WALT BRUNN	PO BOX 283	PETALUMA, CA	94953	763	0476		
120	KB6OK	FRANK GLEASON	6043 DELLA CR	ROHNERT PK, CA	94928	584	0907		
121	N6ONZ	GARRY PALMER	333 E. ROBLES AVE	SANTA ROSA, CA	95407	584	3425	96	
122	N6OOA	PHILIP SCHLEYER	8105 B ST.	WINDSOR, CA	95492	838	2912		
123	KI6OT	BOB COOMLER	888 WEST AVE #5	SANTA ROSA, CA	95407	528	8901		
124	K6OVV	FRANK TURCO	PO BOX 366	CORTE MADERA, CA	94925	415	924	2007	
125	KB6OYC	JUD SPRUCE	867 FIRST ST.	SEBASTOPOL, CA	95472	829	1365		
126	ACOP	DENNIS DERICKSON	3848 CRESTVIEW DR	SANTA ROSA, CA	95401	542	1541		
127	WB6PDP	JOEL POTTS	617 SUNNY MANOR WAY	SANTA ROSA, CA	95401	545	0285	50	
128	WB6PER	JIM RUTHERFORD	PO BOX 222	KENWOOD, CA	95452	526	2972	41	
129	KB6PTA	TED L. DeCROFF	1044 MERCED AVE	SANTA ROSA, CA	95407	542	4008		
130	WA6PXW	FRANK DETTLING	PO BOX 962	PETALUMA, CA	94953	762	4087	118	
131	WA6QCL	DOUG DORMAN	102 ROAN COURT	CLOVERDALE, CA	95425	894	4184	102	
132	WB6RHP	WARREN KLINGER	PO BOX 23	JENNER, CA	95450	632	5459	63	
133	W6RIA	WAYNE LIGHT	829 SONOMA AVE #7	SANTA ROSA, CA	95404	527	0456		
134	WA6RNF	TERRY LADUKE	1512 PLUMERIA DR	SANTA ROSA, CA	95401	528	6412	76	
135	K6ROP	VERN MILLER	551 CLEMENT AVE	SANTA ROSA, CA	95401	545	5105		
136	KF6RS	RAYMOND P. HEIL	197 GILBERT DRIVE	SANTA ROSA, CA	95405	528	3332		
137	KA6SMN	PHIL GONZALES	1845 19TH AVE	SAN FRANCISCO, CA	94122	415	664	7153	
138	WB6SMY	LYMAN WILTSHIRE	1000 ADOBE CANYON RD	KENWOOD, CA	95452	833	2000	84	
139	K6SRD	LOWELL LUX	4567 BRIGHTON DR	SANTA ROSA, CA	95401	546	7099		
140	KA6SSL	RICH FREITAS	8600 MILL STATION RD	SEBASTOPOL, CA	95472	823	0431	55	
141	WB9SYN	JIM HORN	440 MALLARD DR	SANTA ROSA, CA	95401	523	4890		
142	K6TCD	BILL MEYER	6516 MEADOWGREEN PL	SANTA ROSA, CA	95405	539	1489		
143	KA6THB	BOB DAWSON	225 DECKER ST	SANTA ROSA, CA	95401	542	4885		
144	DJ6TJ	HANS BERG	MENGSTRASSE 37	2400 LUEBECK, W. GERM	ANY				
145	W6TLK	JOHN WALLACK	7661 SONOMA HWY	SANTA ROSA, CA	95405	833	1873		
146	WB6TMY	TRACY REESE	PO BOX 4694	SANTA ROSA, CA	95402	527	8124		
147	WB6UAZ	KATHI BOYETT	1326 DOGWOOD DRIVE	SANTA ROSA, CA	95401	544	7943	77	
148	WB6UDR	ED WARNER	111 FRANKLIN ST	CLOVERDALE, CA	95425	894	5054	89	
149	K6UKB	JOE COZZOLINO	1309 CRESTVIEW CT	SANTA ROSA, CA	95401	526	7731	125	
150	WB4UTJ	BRIAN WALL	1701 E COTATI AVE #9181	ROHNERT PK, CA	94928	792	2043		
151	WB6VSD	NORMAN HOOK	9801 OLD REDWOOD HWY	WINDSOR, CA	95492	838	4568	98	
152	KA6VSF	JOHN HAZARD	7669 BEVERLY DR	ROHNERT PK, CA	94928	795	8241		
153	W6VXI	BUREN EAGLE	309 CORONADO DR	PETALUMA, CA	94952	762	8776		
154	WU6W	BOB GABLER	1798 LARRY DR	SANTA ROSA, CA	95401	578	8480	99	
155	KE6WL	BRIAN KOTZIAN	2601 MCBRIDE #4	SANTA ROSA, CA	95401	528	3004		
156	NA9X	JACK OSBORN	5636 DEL MONTE CT	SANTA ROSA, CA	95405	539	3949		
157	KD6XF	CLIFF BARTLETT	35 MISSION DR	PETALUMA, CA	94952	763	2119	87	
158	K6XZ	ROBERT CRAIG	5519 EL ENCANTO CIRCLE	SANTA ROSA, CA	95405	539	0316		
159	WA6YTW	BOB E. DAVIS	305 EAST SPAIN ST.	SONOMA, CA	95476	938	2033	110	
160	WB6YUB	RICK JOY	1205 ERIC COURT	ROHNERT PK, CA	94928	585	8340		
161	KA6YXU	ROBERT A. MORRISON	537 EL DORADO CT	SANTA ROSA, CA	95404	544	4893	127	
162	K6ZIV	LARRY MULLINIX	8507 VICKY LANE	SEBASTOPOL, CA	95472	823	8447	114	

*(Autoslot home phone numbers)

SCRA MEMBERS LISTED BY LAST NAME

K6MZ	LYLE ANDERSEN	NR6G	ARTHUR J. HALL	WD6DPE	BOB OLSTEN
KI6LS	REN BACULO	W6GY	JIM T. HALL	N6KMJ	RUSSELL ONEILL
KD6XF	CLIFF BARTLETT	KB6NVJ	JOHN HALL	N6KLR	CAROLYN ONEILL
WW6D	DOUG BENDER	W7KXB	BILL HARRIS	NA9X	JACK OSBORN
KB6LVI	PAM BENDER	VP2ML	CHOD HARRIS	KF6FX	IRMA OSBORNE
K6EAN	BOB BENDT	N6MHG	KEN HARRISON	WA6ACX	DON OSBORNE
DJ6TJ	HANS BERG	WA6ALL	GARY R. HARWELL	N6ONZ	GARRY PALMER
N1AL	AL BLOOM	KA6VSF	JOHN HAZARD	KF6CA	TERRI PANNETT
WB6UAZ	KATHI BOYETT	KF6RS	RAYMOND P. HEIL	N6KIJ	KEN PERRY
WN6D	JIM BOYETT	KH6GJV	BILL HILLENDahl	KB6EOC	ROBERT PHILLIPS
KB6GIU	CURTIS BRAUCHER	N6MHH	BARRY HIRSCH	KD6IB	PAUL R. PHILLIPS
WD6CKP	HOPPY BRAVIN	KA6BYX	JAMES HOBART	W6LOU	FRED PLANTE
WB6FRZ	JOHN BRECKENRIDGE	N6BBI	JOSEPH HOFFMAN	WB6PDP	JOEL POTTS
N6FCV	GERI BREMER	KA6HGW	BART HOLMES	KB6MYG	VALERIE POTTS
KB6LO	DON BREMER	WB6VSD	NORMAN HOOK	N6DIP	FRANCIS RALPH
KB6KSA	PATRICK B. BRODERICK	WB9SYN	JIM HORN	WB6TMY	TRACY REESE
W6AHH	ROBERT D. BROWNE	WB6KLU	HAYES HUNTER	N6LCS	JOSEPH ROBERGE
N6OH	WALT BRUNN	KA6EYN	KURT R. IRMITER	N6LCR	LAURETTE ROBERGE
W6DZM	DON CHRISTENSEN	W6KNO	JACK JACKSON	N6IRJ	SUSAN RUTHERFORD
W6LCZ	KEN CHRISTENSEN	W6NTZ	RALPH JOHNSON	WB6PER	JIM RUTHERFORD
NY7J	H.L. (LARRY) CLARK	W2EBG	GENE JOHNSON	N6DDK	CHUCK SABIN
KI6OT	BOB COOMLER	KB6KTX	BEA JOHNSON	KD6GC	STEVE SCHAFFER
N6KZS	PHILIP COPENHAUVER	KI6KE	JAMES A. JOHNSTON	KF6AG	PAT SCHAFFER
WA6GFV	CHARLES A. CORBETT	WB6MCE	RICHARD JOY	N6OOA	PHILIP SCHLEYER
K6UKB	JOE COZZOLINO	WB6YUB	RICK JOY		LOU SCHNEIDER
K6XZ	ROBERT CRAIG	KI6IA	DWYANE C. KENNEDY	K6GEV	ROBERT N. SCOLNICK
	BILL DAGER	WA6DGK	LEWIS KIMBALL	W6KTT	TOM SEHABIAGUE
N6MGY	WILBUR DALE	KG6BW	GEORGE KING	KB6GBV	KERMIT SHIRK
WA6YTW	BOB E. DAVIS	WB6RHP	WARREN KLINGER	W6BNB	BOB SHRADER
W6DTV	HENRY DAVIS	N6GZV	MAY KOBOLD	KA7NZO	LEE SNYDER
N6FAX	SARAH DAVIS	KA6DJY	JOHN KOBOLD	WB6EKV	BOB SONES
KA6THB	BOB DAWSON	W2HWQ	BILL KOCZON	KA6HXP	HANS G. SORESENSEN
ACOP	DENNIS DERICKSON	KE6WL	BRIAN KOTZIAN	KB6OYC	JUD SPRUCE
WA6PXW	FRANK DETTLING	KI6GG	FRANK LA POINTE	K6ALI	ALBERT STYLES
N6GTF	HELEN DETTLING	WA6RNF	TERRY LADUKE	WA6DQZ	EVELYN STYLES
N6AVD	L. PAUL DIXON	K6KZ	HARVEY J. LAWRENCE	KG6HO	DAN SWANN
WA6QCL	DOUG DORMAN	WA6AQA	RUTH S. LAWRENCE	KI6JC	RAUL TAIBO
KB6PTA	TED L. DeCROFF	W6RIA	WAYNE LIGHT	WD6DXW	BILL THOMAS
W6JXZ	JOHN DeMUTH	KB6KUI	JEREMY LIGHT	N6IIY	BRIAN TORR
W6VXI	BUREN EAGLE	WA8LLY	STEVE LUND	K6OVV	FRANK TURCO
KB6DJG	DAVE ELMORE	K6SRD	LOWELL LUX	WD6FMG	HERB UPHAM
W6MHJ	DICK FIGUHR	W6CCY	JOHN LYNCH	W6GFY	J. C. VAN GROOS
KB6FHT	ANNE FIGUHR	K6ENP	CHARLES MACKEY	N6NTB	JANE VANDERSLICE
N6BTR	HAL FINLEY	K6BWX	DICK MADDUX	N6MRV	DALE C. VAWTER
W6AFQ	CLAY FISHER	N6KLU	RUDY MAPPUS	N6NSG	CANDY VAWTER
N6FYV	CONNIE FREITAS	N6KUS	MARIE MAPPUS	WB4UTJ	BRIAN WALL
KA6SSL	RICH FREITAS	WW6F	LYLE MEEK	N6DSW	GEORGE WALLACE
WU6W	BOB GABLER	N6CZJ	STEVEN MEEK	W6TLK	JOHN WALLACK
KB6AAD	HOWARD GLANDON	N6MHU	PAM MEEK	WB6JQP	MATT WALSH
KB6OK	FRANK GLEASON	K6TCD	BILL MEYER	WB6UDR	ED WARNER
KA6SMN	PHIL GONZALES	KB6HT	RAY MILLER	WD6CCG	R. BRAD WEBB
KB6MZE	JANET GREENE	K6ROP	VERN MILLER	WD6GGN	ERNEST M WEBB
N6FQZ	JACK GUGGOLZ	KA6YXU	ROBERT A. MORRISON	K6KQJ	FLOYD WHITFIELD
W6LGQ	ART HAGOPIAN	K6ZIV	LARRY MULLINIX	W6DIX	KENNARD WILSON
				WB6SMY	LYMAN WILTSHIRE

NEW LOCATION!

LETTER SHOP PRINTING

4283 Montgomery Dr., P.O. Box 2618
Santa Rosa, CA 95405 • 539-1252

A FULL SERVICE PRINT SHOP

Announcements	Envelopes	NCR forms
Booklets	Enlargements	Negatives
Brochures	Fliers	Newsletters
Business cards	Film processing	Numbering
Business forms	Graphics	Pamphlets
Binding	Hole punching	Postcards
Bulletins	Invoices	Posters
Copying	Illustrations	Price lists
Collating	Labels	Reductions
Catalogs	Layout dept.	Resumes
	Letterheads	Reports
	Manuals	Rubber stamps
	Mailing labels	Stapling
		Stationery
		Stats
		Typesetting
		Tickets

Wedding announcements

... and more!

SHORT SKIP
friends
and families
COPIES
5¢ each

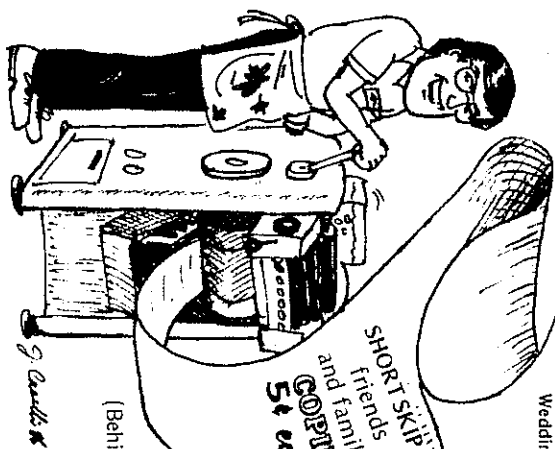
Remember us for ALL
your printing & copying needs!

PHIL & MARSHA

539-1252

4283 Montgomery Drive — Santa Rosa

(Behind Carm's Restaurant — Lakeside Shopping Center)



BULK RATE
U.S. POSTAGE PAID
SANTA ROSA, CA
PERMIT NO. 658

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

Address Correction Requested