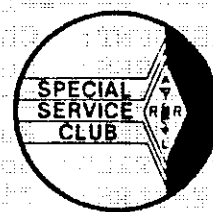


SHORT SKIP



Sonoma County Radio Amateurs, Inc.

Club Station

P.O. Box 116

Repeater Station

FEB 1985

W6LFJ

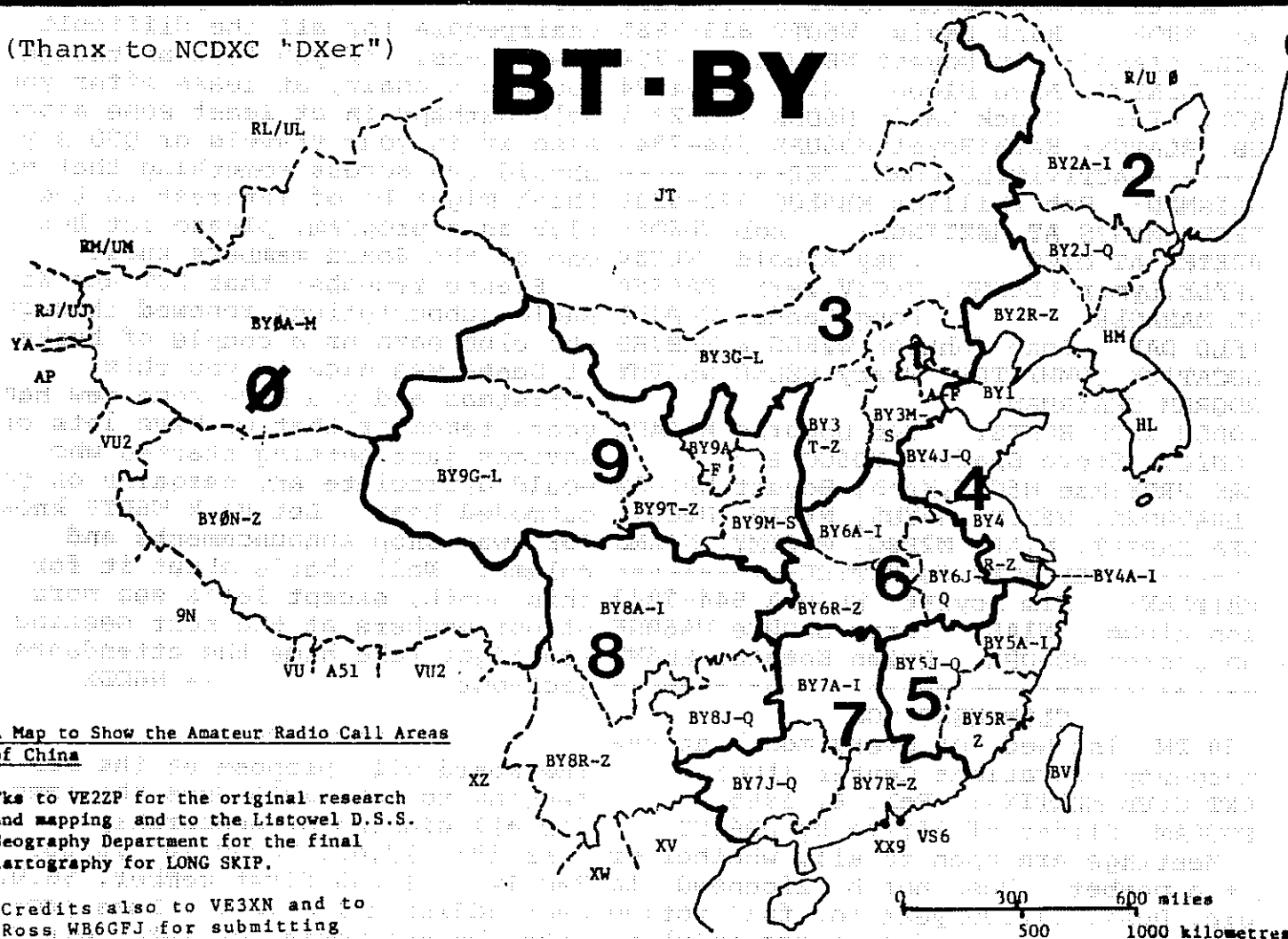
Santa Rosa, CA 95402

WB6PVS

VOL 10 Nr. 2

(Thank to NCDXC "DXer")

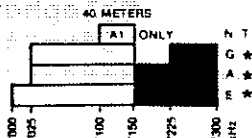
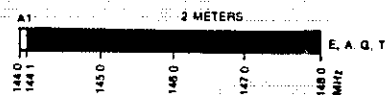
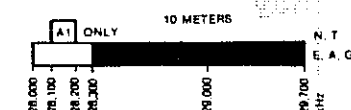
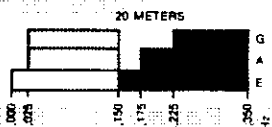
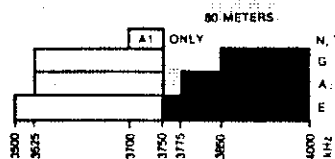
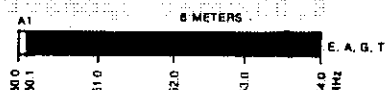
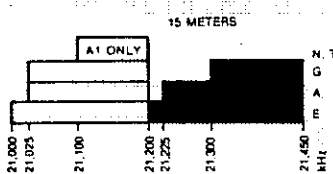
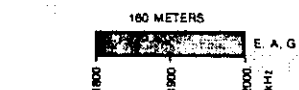
BT-BY



A Map to Show the Amateur Radio Call Areas of China

Tks to VE2ZP for the original research and mapping and to the Listowel D.S.S. Geography Department for the final cartography for LONG SKIP.

Credits also to VE3XN and to Ross WB6GFJ for submitting the map to the DXer



KEY

□	A1 AND F1	E	EXTRA
▣	A1 AND A3	A	ADVANCED
■	A1, VOICE, SSBV AND FAX	G	GENERAL
		T	TECHNICIAN
		N	NOVICE

* Phone operation is allowed on 7075-7100 kHz in Hawaii and areas near ITU Region 3, including Alaska

--SONOMA COUNTY RADIO AMATEURS, INC--
 -----1985 officers-----
 RESIDENT: Chuck Sabin N6DDK 795-2371
 ICE PRES: Bob Olsten WD6DPE 546-5593
 SECRETARY: Brian Torr N6IIY 865-2234
 TREASURER: Rudy Mappus N6KLU 664-1978
 ACTIVITIES: Bob Phillips KB6EOC 542-5209
 REPEATERS: Jim Boyett WB6UBA 544-7943
 BR-AT-LRG: Lyle Meek N6BLN 526-2233

----- THE PREZ SEZ -----
 The year started for us on Jan 2 with our first meeting. Kind of a light turnout, but I guess quite a few people were recovering from the holidays. We had an excellent program introducing us to "Packet" Radio thanks to our activities Chairman Bob KB6EOC.

HORT SKIP: Alan Bloom N1AL e:838-4524
 60 Arata Ln,Windsor CA 95492 d:577-2190
 WAP SHOP: Hank Davis W6DTV 823-7885
 ACES LIASON: Jim Boyett WB6UBA 544-7943
 RRL LIASON: Alan Bloom N1AL 838-4524
 SST. DIR: Chuck Sabin N6DDK 795-2371
 PUB. RELATIONS: Kathi Boyett WB6UAZ 544-7943

In this capacity Bob has a big job ahead of him this year, and, so far not much help in the way of chairpeople for all the difficult committees. If you feel as though you can't chair, at least offer your help perhaps in at least some aspect. Also if in your travels or QSO's you should run across something that you think might be of interest to the club as a program, please let Bob or one of the Board members know.

-----ACTIVITIES COMMITTEE-----
 CHAIRMAN: Bob Phillips KB6EOC 542-5209
 REFRESHMENTS AT MEETINGS: Bob WD6DPE
 MEETING AT MTGS: May Kobold N6GZV
 AFFILIATION: Lyman WB6SMY, N6GZV, Terry WA6RNF
 CLUB MANAGER: Doug Bender WA6JRB
 FIELD DAY: Gene Johnson W2EBG & WA6JRB
 EDUCATION COMMITTEE: Tracy REESE WB6TMY
 PROGRAM CHAIRMAN:
 LICENSED XMITTER HUNTS: Don Osborne WA6ACX
 ICNIC: Steve Shaffer KD6GC & ?
 MASS PARTY: Mae N6GZV, Kathi Boyett WB6UAZ
 BIRTHDAYS: N6KLU, N6KUS, N6GZU, N6GZV.
 LEA MARKET: N1AL, W2EBG, WB6TMY, N6KMJ

Please remember that QST and World Radio subscriptions renewed through the club earn us a couple of bucks. If Santa was nice to you this Christmas and you have some new ham gear, remember that we have lots of Novices just getting started who would appreciate any bargains on your outmoded gear. Let Hank W6DTV know in the swap shop announcements and column. Well that's about it for this month, except let's see more of our members at the next meeting you might take home the attendance jack-pot. -- N6DDK

-----REPEATER COMMITTEE-----
 CHAIRMAN: Jim Boyett WB6UBA 544-7943
 Alan Bloom N1AL Terry LaDuze WA6RNF
 Bob Olsten WD6DPE Brian Kotzian KE6WL

CLUB MEETINGS

7:30 PM 1st Wed. of every month at the Emergency Operations Center (EOC).
 NEXT CLUB MEETING: Feb. 6, 1985
 PROGRAM: Slides of Africa by WB6ZUC
 Meetings are open to all, whether or not a member. Need not be licensed to join. Dues: \$12.00/year for full voting memberships (licensed Amateurs only) or \$8.00/year sponsoring members. First-time members also pay \$8.00 initiation.

NEW DUES

The Board will propose at the Feb. meeting to make 1985 dues the same for all classes of membership:
 Over 18: \$12.00, Under 18: \$6.00.
 Family: \$12.00 first member, \$6.00 each additional member. Dues prorated by the month for late joiners

! !
 Highway 101 ! !
 ! !
 ! !
 Co. ! ! Bicentennial
 Court ! EOC ! Way
 House ! !
 Ventura Ave. ! !
 ! !
 Mendocine Ave. ! !

RADIO SHACK

Store Nr. 3855

Zane Bates, Manager

510 Farmers Lane
Santa Rosa, CA 95405

Telephone
546-84.

MINUTES OF JANUARY 1985 MEETING

The January meeting of the Sonoma County Radio Amateurs was called to order at 7:35 PM by club President Chuk, N6DDK.

Visitors Jim Johnstone (our guest speaker tonight) and Bea Johnson (XYL one W2EBG) were introduced.

A total of 28 people were present at the meeting.

MINUTES: It was moved and seconded that the minutes of the November meeting be published in the December issue of Short Skip be approved.

TREASURER'S REPORT: It was moved and seconded that the abbreviated treasurer's Report be accepted, as read. The following beginning and ending balances were given:

	<u>General Fund</u>	<u>Repeater Fund</u>
Beginning Balance:	\$1,155.18	\$1,597.21
Ending Balance:	\$1,166.90	\$1,597.21

COMMITTEE REPORTS:

BADGES: Hank W6DTV reported that badges for people he had addresses for have been delivered. However, there are badges for some people for whom he has no address or have not claimed them.

PUBLIC RELATIONS: Kathi WB6UAZ will try to get our monthly club meeting listed in the Calendar of Events in the Press Democrat.

REPEATER: Jim WB6UBA reported that the repeater has been slightly intermittent. He will be looking into a new ID'er. He is also looking for people to be Net Control in the coming months. He emphasized how easy it is, there is even a script!

EDUCATION: Bob KB6EOC reports that there are some potential students lined up for a class. Al N1AL reports that 16 people have signed up for the test to be given on January 26.

ACTIVITIES: Bob KB6EOC reports that he is still looking for people to chair the following activities: 1) Hidden transmitter hunt 2) Walkathons 3) Homebrew Contest 4) Flea Market. No chairpersons are necessary as yet for the Marquee Theater or the Christmas party.

RACES: Jim WB6UBA reports that activity in RACES has been status quo.

NEW BUSINESS:

Chuck N6DDK ~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~ reminded all of upcoming events in January.

Lyle N6BLN has a computer program for accessing pertinent emergency communications data from a database. With this he can see in an instant who has 2 meter handhelds, who can operate with emergency power, etc. Questionnaires were handed out for all members to complete. This information will be put on the database.

PROGRAM: The program tonight was on Packet Radio. Jim Johnstone KH6FIC presented a one-hour videotape on Packet Radio. After the tape, he fielded questions from the audience and discussed Terminal Node Controllers (TNC's)

The meeting adjourned at 9:00 PM.

I would like to acknowledge a few people in the club whom I believe did outstanding jobs as 1984 club officers.

Thanks to Cathy (UAZ) for a superb job as Secretary. In all the associations in which I have belonged I have never seen a better Secretary's report than that published in Short Skip each month of last year.

I believe Cathy's reports will go down in history as being the best record of a club meeting I have seen.

I know from experience such a report takes a lot of time and energy and salute Cathy for a fine job. Thanks Cathy, I read every word every month.

Thanks also to Hank (DTV) and Sara (FAX) for taking the time to put together Short Skip. This is also a job that requires a lot of time and work. I'm glad Hank and Sara had the time and energy to do a good job, thanks.

Congratulations also to Steve (GC) who was voted Ham of the Year. For sure this could not have happened to a nicer guy or a better operator. It would be my pleasure to buy you a beer, Steve.

On the other hand, I happen to think the repeater committee did an outstandingly horrible job last year. I think it is embarrassing for the club and for Amateur Radio to operate the club repeater outside of the rules and regulations of the FCC. We hams love to hold ourselves above other radio services but when we allow our club repeater to operate on the bum and without proper controls as we did last year we are no better than the CB'er who runs 1 KW on 20 meters.

There is no reason good enough to operate a lousy repeater. If the repeater committee can't find the time to fix the repeater when it runs muck, then I feel it should be put off the air or hire someone from the outside to make it right. You can count on me to put my money and time where my mouth is.

Best regards -- Jim WB6PER

PROGRAM FOR THE FEBRUARY MEETING:

Lyle N6BLN has arranged for Josephine Clarke WB6ZUC to show slides of her recent trip to Ethiopia and Yemen. (They do not deal with the amine problem.)

Josephine has been licensed since 1969 and holds an Extra Class license. She is primarily a CW operator and works only DX. Her current DXCC count is 315 mixed. She is one of only 5 YL operators that has been voted a member of the International First Class CW Operators Club (FOC).

Josephine has travelled extensively around the world and has been to such places as the Antarctic, India, Sri Lanka, New Zealand, Saudi Arabia, Jordan, Israel, Egypt, and numerous others.

Members of the SCRA should enjoy her presentation and many non-ham spouses may also want to attend as her slides deal solely with the insights of Ethiopia and Yemen.

-- Lyle N6BLN

FLEA MARKET NEWS

The front page of the Press-Democrat's Metro Edition on New Year's Day had a big picture of Karen Ter-Sarkisoff KA6ZDB and a story about the Sebastopol Community Center of which Karen is the director.

Our flea market site next year will apparently have a new hardwood floor, remodeled kitchen, & new tables and chairs thanks to a fundraising drive that raised over \$10,000.

EARTHQUAKE!

The February edition of Scientific American Magazine has an article on earthquake prediction. Probability of a major earthquake in the San Andreas Fault in the next 30 years is over 50%.

RESULTS VE EXAMS

OF 12 APPLICANTS, 7 PASSED 1 OR MORE ELEMENTS. ONE WENT FROM N1L TO EXTRA!
PASS RATE FOR ALL ELEMENTS:
12/23 = 52%

N - E - W - S Of Amateur Radio

SPECIAL AIRFARES TO DAYTON HAMVENTION have been arranged thru Piedmont Airlines thru W5YI. 35% off regular coach airfare. Call 800-334-8644 and ask for the "W5YI Hamvention Special". Restrictions apply. Another Hamvention travel special is being offered by "DX Travel" & includes hotel and ground travel. Write DX Travel, Hamvention Special, Dept. WLR, 11811 W. Olympic Blvd, Los Angeles, CA 90064. (W5YI, Westlink)

The special fares being promoted recently by American Airlines and others runs \$129.00 one-way to Dayton from SFO. You must pay in advance, and other restrictions apply. (NIAL)

NO PACIFIC DIV CONVENTION IN 1985 but according to W5YI, the Southwest Div. affair August 9-11 in Long Beach should be a biggie! Sen. Barry Goldwater K7UGA, Roy Neal K6DUE of NBC, ARRL Gen. Manager Dave Sumner K1ZZ, and League Counsel Chris Imalay N3AKD will be on the program. Tours of Don Wallace W6AM's famous rhombic antenna farm will be available as well.

SEN. GOLDWATER IS STUDYING THE CODE using "Dr. DX" to try to get up to 20 wpm according to W5YI.

SENATE RESOLUTION 36 introduced by Sen. Goldwater Jan. 3 would declare the sense of the Senate that the FCC should act positively on PRP-1, the League's request for Federal preemption of restrictive local antenna ordinances. We should all write our senators in support. (ARRL)

THE 20 KHZ BANDPLAN HAS BEEN ADOPTED by Michigan, the first Midwest state to do so. They plan to have it fully operational by May 1986. Some neighboring repeater councils have expressed concern because of the "ripple" effect along the state borders. Texas will decide for or against the plan in Feb. (Westlink)

A MEETING OF FREQUENCY COORDINATORS in Mich., Ohio, Ind., Ill., Wis. and Pa. has been called by ARRL

Director George Wilson W4OVI Jan 19 Michigan's switch to a 20 kHz bandplan is expected to be a major topic of conversation. (Westlink)

THE LAWSUIT AGAINST THE TRI-STATE REPEATER COUNCIL (NY/NJ/CT) may have been averted. Arnold Chase WAIRYZ filed a federal court injunction with the repeater council, over his objections, approved a repeater on 224.78 within the 100-mile coverage area of the 10-year-old W1NI/R repeater. Army had offered to pay the expense of the other group to move to another frequency, but was turned down. ARRL General Manager Dave Sumner, K1ZZ was instrumental in arranging a telephone conference between WAIRYZ and the repeater council where they agreed to ask the new repeater to move. WAIRYZ has renewed his offer to pay for the move. (Westlink)

PACKET RADIO is coming on strong in Western Europe, with at least 25 stations on in Zurich, Switzerland and more than 50 in West Germany. TAPR boards are being shipped to Great Britain. (Westlink)

FORBIDDEN COUNTRIES LIST: Contacts are forbidden with Amateurs in the jurisdictions of Burma, Iraq, Libya, Pakistan, Somali, Turkey, Yemen and Zaire. (W5YI)

NEW DXCC COUNTRIES: The ARRL Award Committee has accepted the recommendation of the DX Advisory Committee a recognizes the country status of UK sovereign Base Areas on Cyprus. ZC4 contacts made since Cyprus' independence (Aug 16, 1960) if made from British bases and all 5B4 QSOs ~~may~~ may be submitted starting June 1. The Board has also directed the DXAC to reconsider country status for 4U1VIC, Vienna Int'l Center in light of a briefing paper to be prepared by ARRL staff. (ARRL)

NEW ARRL HQ ORGANIZATION HQ is now divided into the following "Offices": Publications (Incl. Production, Circulation, Advertising, Technical

Volunteer Resources (field organization, volunteer examiners, affiliated clubs, ARRL conventions/hamfests), Membership Communications Services (ARLAW, contests, ARRL Letter, legal/regulatory info., DXCC & other operations), Development (membership drives, PR, fund raising), and Administrative Services (accounting, purchasing, central computer, HQ building maintenance). Details in QST. The new Development Manager has been named: William L. Lazzaro, N2CF, the current Executive Director & General Manager of AMSAT. His office will be in Washington, DC. (Ed note: does this relate to rumors that the board wants to relocate HQ to the DC area?) (ARRL)

ARRL PAY SCALE published in last Port Skip (and W5YI Report) was the correct pay scale for 1978. (Westlink)

COMMERCIAL RADIOTELEPHONE LICENSE

olders: If your license was issued or renewed between 1/1/79 and 6/14/84 you are eligible for a special lifetime General Radiotelephone Operators Certificate. Send your request to the same FCC office that issued your packet with your name (as it appears on the certificate), date of birth, and license number. Write "Lifetime License" above the field office's address. Include an SASE: at least 1/8 by 9 1/2 or 9 1/2 by 12 if you want it unfolded. (ARRL)

AUTOMATIC CONTROL OF DIGITAL STATIONS

ARRL's petition has been assigned RM number 4879. The ARRL petition to allow F2 between 29.5 and 29.7 has been assigned RM number 4880. Comments due by Jan 9, 1985. (ARRL)

NEW ARRL GENERAL CLASS LICENSE MANUAL

could be available by early Feb. It contains all 500 questions in the new question pool with answers and distractors for each. New questions will be in use before May 1. The Advanced Class manual should be ready later this spring, the Extra Class in the Fall. See info. in Feb. QST. (ARRL)

MAJOR VOLUNTEER EXAM-COORDINATORS for the month of Nov 1984 (W5YI)

VEC	REGION	#TESTS	#PASS	%PASS
ARRL	1-13	564	269	46%
Devry	9	298	157	53%
GLAARG	5	225	105	46%
Gen. Alabama	4	193	95	49%
Metroplex	2	185	86	46%
W. Carolina	4	172	71	41%
Dayton	8	157	83	57%
Boeing	7	87	42	48%
SANDARC	6	47	32	68%
Anchorage	11	44	15	34%
Dallas	5	39	21	54%
Triad	4	33	15	45%
PHD	10	27	6	22%
Sunnyvale	6	23	12	52%
Laurel	3	11	4	36%
TOTAL		2240	1072	46%

* (ARRL Average strongly affected by 4th call area (212/76=36%). With 4th area deleted, ARRL would be 352/193 or 55%. 6th district was 91/54=59%.

T - E - C - H N - E - W - S

PACKET RADIO: NIAL has info on the TAPR unit. The kit less cabinet cost \$240, and the cabinet is \$70. The PC board alone with 5 ROM's (all programmed) is \$82. Membership in TAPR is \$12.00/year. Tucson Am. Packet Radio POB 22888, Tucson, AZ 85734-288. Phone 602-746-1166.

THE GLB PK-1 packet TNC has a serious problem when operated in the repeat mode which can exponentially increase the traffic on a channel where a PK-1 is a wide-coverage digital repeater. A software update is available from GLB.

TI'S NEW GASFET, the S3030 costs \$3.50 in single quantities, and achieves 1.0 dB Noise Figure at 1 GHz. The 2-micron gates are claimed to give higher breakdown voltage than 1-micron parts. The Dec. issue of QEX magazine has a design for a 2-meter preamp.

(THANKS to Westlink Reports, the W5YI Report, the ARRL Letter, QEX magazine and the Packet Status Register for a)

VENTS CALENDAR:

EBRUARY:

- an 26 to Feb 3 Novice Roundup
- eb 2 - Club meeting EOC 7:30 PM
- eb 4 - RACES Nets 7 PM/7:30 PM
- eb 16/17- ARRL DX Contest, CW
- eb 18 - RACES Nets 7 PM/7:30 PM
- eb 22/24- CQ WW 160 Meter DX Test

ARCH:

- ar 2/3 - ARRL DX Contest, Phone
- ar 6 - Club meeting EOC 7:30 PM
- ar 30 - W. Coast Computer Faire, SF
(w/Packet Radio Conference)

PRIL:

- pr 3 - Club meeting EOC 7:30 PM
(Homebrew Contest)
- pr. 26/28-Dayton Hamvention

AY:

- ay 8 - Club meeting EOC 7:30 PM

UNE:

- un 5 - Club meeting EOC 7:30 PM
- un 22/23- FIELD DAY

UGUST:

- ug 9/11 - ARRL SW DIV. Convention
(Long Beach, CA)
- ug. 24 - Club Picnic

EPTEMBER:

- ept. 21 - SCRA FLEA MARKET

ECEMBER:

- ec 7 - SCRA Christmas Party

(from adjacent column, continued)

- onar 212 VTVM
- onar 250 Scope
- CA WR 50B Signal Generator
- CA WV-97A Senior Volt Ohmyst VTVM
- CA WR-61B Color Bar Generator
- uperior TV-30 TV Signal Generator
- ICO 950B Resistor/Cap/Comp Bridge
- ICO 460 Scope and 425 Scope
- night-kit RF Sweep Generator
- & K 750 Test Equipment Calibrator
- recision 220 Marker Adder
- ccurate Instrument Co. 257 Tube Tester
- recision E-400 Sweep Generator
- in-tronix 820 Dynamic Sweep Ckt Analyzer
- eVry Multitester
- riumph CTU 60018 Scope
- aycon 622 Scope

----- HANK'S SWZP SHOP -----

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Tri-X 50 ft crank up. \$400 or best
offer. Bob Smith

KENWOOD TWINS Call Hoppy Sr. 823 71
Wants \$300.00.

SWAN 500 With pwr sup. spkr & mic.
\$165.00. Call 546 9353 and ask for
Van.

Need a model 15 RTTY call K06G Stev
at 823 3898.

CALL K6UKB at 526 7731 for Micro Lo
ATB-1 with monitor \$200.00.

KENWOOD T@-180 with DFC, VFO, MC50
pwr sup. \$500.00. Call Mike at
823 8977 mornings.

WANTED 40 METER TRAPS for 80/40 dip
ant. Call Bob at 542 5200. Also f
sale SWAN 400 with pwr sup.

ESTATE SALE. CALL LARRY CLARK N7BM
at 892 0651, leave msg 897 3976 (41
area code on both. or 707 833 1155
All of the following:

TEST EQUIPMENT:

- Sencore: CR 161 CRT Tester
- " CG 159 Delux Color Generator
- " VA-48 TV/VTR/MaTV Video Analyze
- " TC-162 Tube Tester
- " ES-102 Electrolytic Sub Box
- " SS-105 Sweep Tester
- " CG-10 Standard Color Generator
- " TC-136 Tube Tester
- " PS-148 Scope/Vectorscope
- " SM-152 Sweep Marker Generator
- Heathkit IM 5225 FET Multimeter
- " IM-25 VOM
- " IO-1-1 Vectorscope
- " V2 VTVM
- " RF-1 RF Signal Generator
- " AG-10 Sine/Square Wave Generato
- " IG-57A TV Post Marker/Sweep Gen
- " HD-1250 Solid State Dip Meter
- " IT-121 FET/Transistor Tester
- " TT-1 Tube tester
- " IO-4205 Scope
- " IO-102 Scope
- Bell&Howell (Heath) IOD-4540 Scope
- Hewlett-Packard 412A VTVM
- " 130 C Scope
- " 175A Scope
- " 200C Audio Oscillator
- PACO V-70 VTVM
- General Radio 1001-A Signal Generat

State Sale, Continued)

Wackock 750 Tube Tester
Wackock 610A Signal Generator
Impson 479 TV/FM Signal Generator
E (Lab for Electronics) 411 Scope

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Collins 51J Receiver
Collins 312 B-3 Speaker
Orion 2 ch. FSK Converter CV116C/UR
ESSCO TU-7 Teleprinter/Demodulator
National Speaker 10x10x6"
Collins Transmitter COL-52245
Heathkit DX-60 Transmitter
" HG-10 VFO
" Mohican Receiver
" SB-10 SSB Adapter
" HO-10 Monitor Scope
Hallicrafters SX-100 RCVR
" HA-4 TTY Keyer
" S-47 Receiver
" R44/ARR-5 Receiver
BC-454-B Rcvr
BC-455 Rcvr
Vibroplex Bug
Johnson Viking Matchbox 250-23
RME-CME-50063 Preselector
Bendix Rcvr BC-693A
Globe Champion Modulator (4-6L6's)
Misc. homebrew equipment.

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

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