

# SHORT SKIP

*Sonoma County Radio Amateurs, Inc.*



Club Station

P.O. Box 116

Repeater Station

JANUARY 1988 W6LFJ

Santa Rosa, CA 95402

WB6PVS

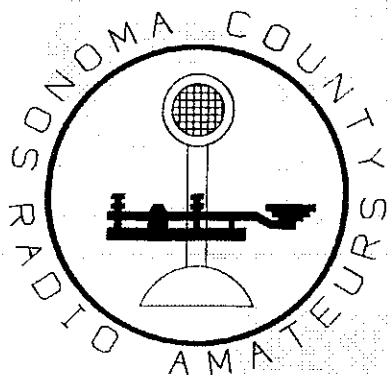
VOL 13 # 1



SOME MEMBERS OF THE NEW BOARD OF DIRECTORS:  
N6PTM TREASURER, N6DNB VICE PRES, N6KMJ PRESIDENT, N1AL SECRETARY  
(SEATED) 1987 OFFICERS: N6FYV PRESIDENT, KI6QY SECRETARY



MEMBER OF THE YEAR, HOPPY BRAVIN WD6CKP



-----OFFICERS FOR 1988:-----

PRESIDENT:	Russ O'Neill	N6KMJ	823-9691
VICE PRESIDENT:	Glen Crownover	N6DNB	938-5986
SECRETARY:	Alan Bloom	N1AL	538-7115
TREASURER:	Jim Pelmulder	N6PTM	823-7947
MEMBERS-AT-LARGE:	Chuck Sabin	N6DDK	795-2371
	Chris Clarke	VE3PBC	584-7577
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

ARRL LIAS: Alan Bloom N1AL 538-7115  
 ASST. DIR: Chuck Sabin N6DDK 795-2371  
 BADGES: Hank Davis W6DTV 823-7885  
 HISTORIAN: Connie Freitas N6FYV

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

PUBLIC SVC: Bob Sones WB6EKV 546-3873  
 PROGRAM CHAIRMAN: Phil N6OOA 838-2912  
 REFRESHMENTS AT MEETINGS: Bob WD6DPE  
 GREETER AT MTGS: Sarah Davis N6FAX  
 MEMBERSHIP LOTTERY:  
 QSL MANAGER: Doug Bender WW6D  
 VEC EXAMS: Steve Lund WA8LLY 823-4544  
 WA6ACX N1AL K6ANP AG6C WD6CKP WN6D  
 WW6D W6DTV WW6F WB6FRZ KF6FX W6RIA  
 WB6UDR WU6W  
 EDUCATN: DonWA6ACX, DougWW6D, JohnW6TLK  
 SteveWA8LLY, JoelWB6PDP, LarryKF6WV  
 AWARDS CHAIRMAN: Steve Lund WA8LLY  
 MBR-OF-YEAR CHAIR: Rudy Mappus N6KLU  
 INTERFERENCE CHR: John W6CCY 823-1357

-----REPEATER CONTROL OPERATORS-----

WD6CKP 542-6750 W6DTV 823-7885  
 WB6PER 526-2972 N6KMJ 778-1758  
 WN6D 544-7943 WB6UAZ 544-7943  
 PACKET COMMITTEE: Al N1AL Jim WN6D  
 Terry WA6RNF Rich KA6SSL

### 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(145.03), hidden xmtr hunts -- you name it.

We invite you to attend our next monthly meeting (see below) or check into the Tuesday night SCARS net on the 146.13/73 repeater at 7:00PM or on 28.400 MHz at 7:30 PM.

You'll 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!

### -----CLUB MEETINGS-----

7:30 PM 1<sup>st</sup> Wednesday each month at the Emergency Operations Center (EOC) (see map below). All welcome. NEXT MEETING: Jan 6, 1988.

PROGRAM: Survival Techniques video  
 DUES: \$12/year plus a one-time \$4 initiation fee. (Includes call sign/name badge) Family membership: \$18.

### SHORT SKIP ADVERTISING RATES:

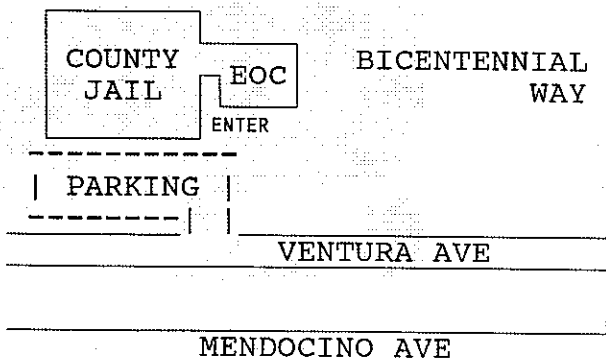
Business cards: \$10

\$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

S <---- HIGHWAY 101 ----> N





## NOTES FROM THE O. T.

As the new year approaches, our club has a new set of officers to guide us through the new year. This new year is a little different than past years in that 1939 was the year the club (early SCRA) was first affiliated with the ARRL. That brings up a point of interest: In 1989, this club will have been with the ARRL for 50 years. The certificate is in the display case, found after being lost for many years. It sounds like some planning is in the future.

In those 50 years, many things have happened. In the first place, SCRA goes back longer than 50 years. The War placed a hold on club activities as well as on Amateur Radio activity for a few years. In the late 40's, several Amateurs got together at the QTH of Floyd Barnes W6ADM and talked about revitalizing the SCRA. Three of those amateurs are still members of SCRA. The club has progressed from this committee to the 195-200 members we now have.

The club's format has changed over the years from a more socially-oriented one to a multi-activity or Special Service Club. Now with nearly 200 members, perhaps change is in view. When only around 25% of the club is active, regardless of the activity, it means 75% do not participate in any activity. Why? Well, maybe some come just for the monthly programs. Others receive all the information they need from our informative monthly Short Skip. Some are interested only in the repeater and phone patch. We see some members once a year at the Field Day activity or at the annual flea market.

Is this enough, or should we strive to find some more creative and interesting programs? Last year a WAS contest attracted only about a dozen participants. The DX contest later had an attendance of only 5 or 6, so I think you can see we need something to provide progress in the club.

Now, as a club member, think it over and see if you can come up with an outstanding activity that would move the club membership. As a commercial on TV says, "All we need is one good idea a meeting." Just think what the Board of Directors would say if each member sent a new, interesting activity or idea to them. They would be floored.

Two of our members revised the Public Service activity this year, and it worked like a charm. We only had 25% of the club to work with, but it's a start.

Think this over, and send a letter to SCRA at Box 116, Santa Rosa, CA 95402, and astound the Board for next year.

- 73, the O. T. (W6DTV)

## NEW MEMBERS SINCE LAST MONTH

Tom Hitchcock KB6UOJ  
3411 Sidney Square  
Santa Rosa, CA 95405  
544-0911

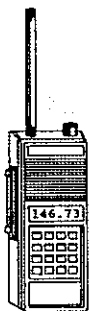
We now have 196 members

## A SOURCE OF NEW HAMS?

Radio Shack is introducing a Novice study guide, and has instructed its stores to allow local ham clubs to post notices of meetings, FCC exams, etc. Anyone volunteer to handle this? See a Board member.

- N1AL

## RACES NEWS



To: All Sonoma County RACES members.

Due to the problems many of you had with the original date, the new meeting date has been set for Thursday, January 7, 1988 at 7:00 PM at the County Emergency Operations Center. Please plan on being there.

If you are interested in being an active member in the RACES program, this is a meeting you should not miss. The future of the RACES program and your membership in it depend on your participation.

If you live a long distance away or have trouble driving at night, please make arrangements in advance to car pool with another member from your area. Your attendance is important.

Some of the topics we plan to discuss are:

1. New Radio Room
2. OES Communications Van
3. RACES identification (distinctive jacket and/or etc.)
4. A training program that will include all members
5. New RACES equipment
6. Current and future finances
7. RACES and County relationship
8. Minimum membership standards
9. Call out and activation procedures

Please contact OES (527-2361) if you are planning to attend so that arrangements may be made for seating. If you can't make it, but are still interested in the program, call and let us know.

Dan Nicholas, Emergency Services Coordinator

Preston Thomson WB6PUE,  
Communications Director

## 911 REPORTING

Try to assemble all important information before you call 911 or relay information through another station.

1. Location: Highway #, cross road, mile marker, or distance from some point.
2. Number of cars involved.
3. Injuries, if any, and need for ambulance.
4. Cars blocking the roadway.
5. Need of tow truck.

- W6DTV



"Thou shalt relinquish the repeater in time of emergency."

(Check out the last two lines of column 1 of the HSC ad on page 8.)

## SCRA CHRISTMAS PARTY, DECEMBER 2, 1987



Officers present: President: Connie Freitas N6FYV, Vice President: Russ O'Neill N6KMJ, Secretary: Marie Mappus KI6QY, Treasurer: Al Bloom N1AL, Repeater Chr: Hoppy Bravin WD6CKP, Member at Large: Don Osborne WA6ACX.

The party began at 6:30. President Connie Freitas N6FYV welcomed 55 members and guests. The annual Christmas Party was held at J. J. North's Grand Buffet. There was no formal business conducted at the party.

Connie N6FYV presented the gavel to the incoming President, Russ N6KMJ. He presented the other members of the new Board of Directors to the attendees. They were: Glen N6DNB Vice President, Al N1AL Secretary, and Jim N6PTM Treasurer. Absent directors were Chuck N6DDK and Chris VE3PBC.

There was an awards presentation following the dinner. Certificates of Appreciation were presented to Phil N6OOA, Bob WD6DPE, Steve WA8LLY, and Gene W2EBG.

Connie N6FYV was presented with a plaque for her services as President during 1987. Al N1AL was given a plaque for his services as Editor of Short Skip, and a special award was given Rudy N6KLU and Marie KI6QY for their work in the area of Public Service.

Appreciation was expressed to Steve KD6GC and Pat KF6AG for the fine job they did in decorating the dining room and shopping for prizes.

The door prizes were won by Jane N6NTB and Hank W6DTV.

A good time was had by all.

Respectfully submitted by Marie KI6QY, Secretary.



## NEW PRINTER FOR SHORT SKIP

The Shortskip Editor has acquired a fancy new (well used, actually) HP Laserjet printer for doing Short Skip. The main advantage is now we can print up master copies at home rather than having to do it on the daisy wheel printer at work.

There are several enhancements available with this machine, such as easy bars [REDACTED] and patterns [REDACTED], different type faces, and high-resolution graphics. You'll notice some of this in this issue, more later when our new typeface fonts arrive and we figure out how to make the graphics "fly."

## SCRA

## 10 METER NET

Recent check-in's include:  
KA7NZO, KB6UCL, W6DTV, N6FAX, N6QAV,  
WD6CKP, AG6C, N6GXI, N6GZU, KA7YXF,  
WW6D, KB6UFE, KA6BYX, N6PTM, KB6UGD,  
KF6FX and WA6ACX.

Come and join in on the fun! We meet after the Tuesday night 2 meter net, around 7:15 PM, on 28.400 MHz.

- WAØJRB

WA6ACX won a new radio at the Christmas party. If you see Don, ask him about his new "ears".

## NEW CALLS AROUND THE COUNTY

Was... Is...

nil KB6UCL Gerald Waters

## TREASURER'S REPORT

## BUDGET FOR FISCAL 1987

For Calendar Year 1987, as of Dec 22

(Reprinted From March Short Skip)

ACCOUNT	REVENUE	EXPENSE	TOTAL
Activities	67.65	669.95	-602.30
Refreshments	106.44	117.37	-10.93
Dues/Init'ns	2321.00	294.00	2027.00
Fund raisers	1919.50	1239.72	679.78
Raffle at meetings	257.55	13.72	243.83
Badges	3.18	175.70	-172.52
Misc	175.88	757.12	-581.24
Repeater	556.00	556.00	0.00
Newsletter	742.63	1524.43	-781.80
Training & Education	108.88	233.51	-124.63
Westlink		139.53	-139.53
Mbr supplies	415.75	396.41	19.34
Officers exp	56.34	223.00	-166.66
	6730.80	6340.46	+390.34

## ASSETS:

Total General Fund	971.30
Total Repeater Fund	1888.07

Newsletter expenses should be reduced by \$105.67 to account for postal fees paid ahead for 1988 and 1987 advertising revenue not yet received.

Actual repeater expenses were \$306. The other \$250 was withdrawn for 450 HT's then returned unspent.

The Dues "Expenses" consist of transfers to the Repeater Fund and refunds of dues overpayments.

Under "Fund Raisers" are included the following sub-categories:

Flea Market	1624.00	978.95	645.05
ARRL Mbrship	278.00	250.21	27.79

Flea Market income may be greater than that shown. We are still owed our \$100 deposit to the Community Center as well as trying to collect \$40 on a bad check we received.

Under "Activities" are included the following sub-categories:

Field Day	69.60	-69.60
Picnic	67.65	-56.62
Xmas Party	476.08	-476.08

	Actual 1986	Projected 1987
EXPENSES:		
Insurance	\$350	\$350
Field Day	150	200
Badges	120	160
Westlink contributn	25	25
Westlink phone bill	150	150
Secretary Expenses	100	125
Treasurer Expenses	50	75
Miscellaneous	55	150
Short Skip	1600	1490
Picnic	125	150
Christmas Party	175	250
Education	50	50
Trophies	100	100
World Radio	60	60
Public Relations	25	25
	\$3135	\$3360

## INCOME:

Dues & Initiations	\$1800	\$2000
Flea Market	800	800
Raffle	100	100
Coffee/donuts	0	0
Donations	0	0
ARRL Memberships	10	10
Short Skip Ads	700	1000
Education	50	50
	\$3460	\$3960

**TREASURER'S REPORT**  
FOR MONTH ENDING  
NOVEMBER 30, 1987



ACCOUNT	REVENUE	EXPENSE
Refreshments	8.80	10.56
Fund-Raiser	96.00	
Badges		3.18
Misc		69.20
Newsletter	140.00	92.79
Westlink		7.76
Officers expenses		17.43
	244.80	200.92

## ASSETS:

General Fund Account	1454.35
Cash/checks on hand	340.15
Total General Fund	1794.50
Total Repeater Fund	2032.20

-- de N1AL



## NEWS of Amateur Radio

FBI JAMMER PLEADS GUILTY. Jerry Gastil K6DYD pled guilty on Nov 27 to one felony count of jamming FBI communications. Sentencing is set for Jan 25. He could receive up to 10 years in jail and a \$10,000 fine plus loss of ham & commercial licenses. (Westlink)

CANADA/USSR THIRD-PARTY TRAFFIC will be allowed for the joint Canadian-Russian Skitrek expedition. Extensive use will be made of the OSCAR 11 satellite for navigation, and the UOSAT-2 digitalker will broadcast the skiers' position. The polar-orbiting satellite will be in sight on every orbit. ICOM America has provided micro 2AT HT's for the team. (Westlink)

SCRA GETS A NEW CALLSIGN. On Sept 3 thru 9, W6LFJ will become W2ØØLFJ in honor of the bicentennial of the US Constitution. Originally, FCC had proposed authorizing only club stations located in state capitals, but a couple weeks ago, ARRL HQ was notified that all clubs who had previously registered would be included. (ARRL)

Thanks to the Westlink Report and the ARRL Letter for the above info.



# NOTES FROM OUR SISTER CLUB IN GERMANY

A recent letter from our honorary member Hans DJ6TJ in Luebeck, W. Germany reports that the Luebeck club now has 142 members, 126 licensed, 16 unlicensed.

86 B-license (Extra)  
5 A-license (General)  
35 C-license (Tech)

## Age distribution:

7	>70	
15	60-70	
35	50-60	
44	40-50	
29	30-40	
12	<30	

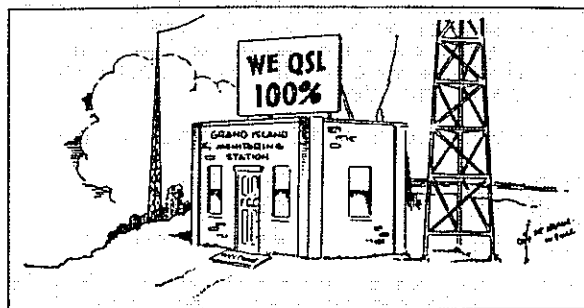
Germany has no Novice license which is a handicap in recruiting young people.

Membership in DARC (Germany's ARRL) is about 50,000 which includes 90% of all licensed hams! (DARC membership is included with your local club dues.)

Training courses for new hams take 1 year, 4 hours per week.

Enclosed with the letter were 11 old copies of Short Skip in response to our request for missing back issues.

Hans is looking forward to better band conditions so he can again talk to some SCRA members. He hopes to be able to spend a few weeks in Santa Rosa again this coming year.



# H. S. C. ELECTRONIC SUPPLY

6819 Redwood Avenue  
Cotati, CA  
792-2277

## NEW DELCOM RADIOS

- DELCOM 2-Meter Hand Held Radio for \$185
- Fully synthesized
  - Comes with: antenna, 500 MA battery pack, AC charger
  - 2 year warranty
  - Accessories available
  - Mobile radios for VHF & UHF Amateur, Airbands, Marine, or Commercial
- Call for information and prices

## BOOKS...BOOKS...BOOKS...BOOKS

- 1988 ARRL Handbook for \$21.00  
1988 CALL BOOKS
- International for \$27.00
  - American for \$25.00
- ARRL Antenna Book for \$8.00  
1987-88 Repeater Directory for \$4.00

## NEW WINTER STORE HOURS:

**MONDAY TO FRIDAY**  
**9 am to 6 pm**

**SATURDAY**  
**9 am to 5 pm**

## ALINCO TRANSCEIVERS

Special Alinco Antenna Bonanza

Between January 1 and March 31, 1988  
if you purchase a 22 or 24 series  
Alinco, you can receive a Larsen  
Mobile Antenna from Alinco. Come in  
or call for details.

Alinco Radios currently in stock are:

ALR-22HT	369.00
ALR-22T	299.00
ALR-72T	399.00
ALD-24T	495.00 (dual band)

Bring this ad in and receive 10% off  
any radio or amateur equipment.

## SCANNERS ... SCANNERS ...

Uniden Bearcat	
16 channel, base station	199.95
10 channel, hand held	139.95
16 channel, hand held	219.95
Regency	
10 channel, base station	119.90
30 channel, base station	139.95
55 channel, hand held	229.95
Turbo Scan, base station	279.95

## ANTENNA SPECIALISTS

"On Glass" antenna mounts available for:

- 2 meter (HM-151.3G) 44.50
- 220 MHz (HM-220.3G) 44.50
- UHF (HM-450.3G) 44.75

Reinstallation kits available



## HAM RADIO STATION

Visit our new Ham Radio station. It is now  
complete and operational.

- \*\* Fabulous close-out buys on selected  
Mirage amplifiers.
- \*\* Come check our complete MFJ line for  
amateur radio equipment.
- \*\* We have numerous items of ham gear on  
consignment (10% discount does not  
apply).

## LARSEN LINE OF MAGNETIC MOUNTS

Magnetic Mount for LM Antennas is  
\$20.00 (LM-MM).

Magnetic Mount with DS Dual Shield  
Coax and terminated in N male  
connector for LM is \$22.50.  
(LM-MM-DS-N).

Magnetic Mount for NMO series  
Antennas is \$23.50 (NMO-MM).

Magnetic Mount for BNC Antennas is  
\$30.00 (BNC-MM-BNC).

Magnetic Mount with DS Dual Shield  
Coax and terminated in N male  
connector for NMO is \$34.00.  
(NMO-MM-DS-N).



EVENTS CALENDAR:

Don't forget SCARS nets on Tuesdays.

**JANUARY:**

Dec 31-Jan 1 - Straight Key Night  
 2-3 - 10 M World SSB Contest  
 4 - RACES etc. Net, 7:30 PM  
 6 - SCRA meeting 7/7:30 PM  
 18 - RACES etc. Net, 7:30 PM  
 21 - CDF/VIP Meeting 7:30 PM  
 23-25 - ARRL VHF Sweepstakes  
 29-31 - CQWW 160M Test, CW  
 Jan 30-Feb 7 - Novice Roundup

**FEBRUARY:**

1 - RACES etc. Net 7:30 PM  
 3 - SCRA meeting 7/7:30 PM  
 6-7 - 10-10 Net Phone QSO Party  
 7 - North American Sprint, CW  
 14 - North American Sprint, Phone  
 15 - RACES etc. Net 7:30 PM  
 18 - CDF VIP Meeting 7:30 PM  
 20-21 - ARRL DX Contest, CW  
 26-28 - CQ 160 Meter Test, Phone

**MARCH:**

2 - SCRA meeting 7/7:30 PM  
 - 1987 DUES PAYABLE!  
 5-6 - ARRL DX Contest, Phone

**APRIL:**

29-May1 - Dayton Hamvention

**JUNE:**

11-13 - ARRL VHF QSO Party  
 25-26 - Field Day

**SEPTEMBER:**

3-9 - W2ØØLFJ Bicentennial Stn.  
 9-10 - ARRL Natl. Conv. Portland OR  
 17 - SCRA Flea Market

**OCTOBER:**

15-16 - Simulated Emergency Test

**NOVEMBER:**

5-7 - ARRL Sweepstakes, CW  
 19-21 - ARRL Sweepstakes, Phone

**DECEMBER:**

2-4 - ARRL 160 Meter Contest  
 10-11 - ARRL 10 Meter Contest

VE EXAMS HOTLINE NR: 408-984-8353

(Advertisement)

**TALENT WANTED**

We have immediate openings for the following positions:

PHOTOGRAPHER

AUTHORS

CARTOONIST

ADVERTISING MANAGER

Send your resume or apply to the Short Skip Editor for an interview.

You can be assured of being paid handsomely for any contributions. Our President has authorized the Editor to pay double the previous rate for articles.

Instead of \$0, we can now pay \$00. Just think how tickled your spouse will be when you tell them you are taking them out to lunch with your new earnings!

SEND CONTRIBUTIONS TO:

Al Bloom N1AL  
 1578 Los Alamos Rd  
 Santa Rosa, CA 95405  
 (days: 577-3981)  
 (nites: 538-7115)

(With apologies to ARNS Bulletin)

**NETS AROUND SONOMA COUNTY:**

RACES etc net: 1st/3rd Mondays  
 7:30 PM, 146.73  
 SCRA 2 M net: Every Tuesday  
 7 PM, 146.73  
 SCRA 10 M net: Every Tuesday  
 7:30 PM, 28.15/28.40  
 So Mt Rpt Asn: Every Tuesday  
 8 PM, 146.91  
 Valley of Moon: Every Wednesday  
 7:30 PM, 147.47  
 YL Net: Every Thursday  
 7:30 PM, 146.73



**GREAT PRICES. CALL**

**CALL FOR LOW, LOW PRICE**

**GREAT  
PRICE!**

**CALL FOR PRICE!**

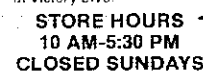
**FROM STORE NEAREST YOU**

**FREE SHIPMENT**  
MOST ITEMS UPS SURFACE  
**LOW PRICE!**

Compact FM Mobile Transceivers  
**LOW PRICE!**  
TM-3530A, 220 MHz

**REG. 899.95**  
**SALE 749.95**

Full-featured  
2m Hand-held  
Transceiver  
with 10 memories  
**FREE SHIPMENT**  
MOST ITEMS UPS SURFACE  
**GREAT PRICE**



**FREE SHIPMENT**

**STORE HOURS**  
10 AM-5:30 PM  
**CLOSED SUNDAYS**

**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.



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

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

YAESU FT-101EE trade for packet gear  
or 2m or 70cm gear.

HEATH AC-DC frequency counter \$40.  
SENCORE transistor/diode tester \$20.  
CUSHCRAFT 11 el 2 meter beam \$35.  
J26 Mil key/code prac. buzzers \$12.  
PAL 2m mobile ant 4' centr load \$10.  
WANT: HW-7-8-9 QRP CW rig, & ICOM  
micro 2A HT. N7JBO 18629 Sonoma Hwy.

HEATHKIT 4510, 15 MHz scope \$75.  
B&K 310B Sine/square wave gen. \$50.  
B&K 200D RF signal gen. \$50.  
ICOM R70-2 gen. cov. rcvr VFO \$300.  
AEA Pakrat 64 TNC +HFM \$250.  
SANYO color TV 19" \$100.  
COMMODORE 64, 1702 Monitor, 1541  
disc drive, 802 printer, 20 programs  
4 for hams \$500. W6TLK 833-1873.

MFJ 1225 RTTY, CW \$40. Software &  
interface for ATARI \$25.  
Interface board for COLOR TRS80 \$25.  
AUTEK audio filter \$35. MFJ audio  
filter \$45. WB6ZRP 578-1927

CRANK UP TOWER. Call after 7 PM  
evenings. Frank WA6PXW 762-4087.

CENTURY 21 CW transceiver, good  
Novice rig \$150. EICO VTVM \$10.  
HEATH RLC BRIDGE, Bat operated \$25.  
COAX SWITCH 5 position \$10.  
PACO grid dip meter \$7.50.  
Drake LP filter, 100 Watt \$5.00.  
Solenoid meter for electricians, 600  
DC, 550 AC \$5. Hank W6DTV 823-7885.

FLESHER TU470 RTTY/CW term unit \$85.  
HAMMARLUND HX500/Pwr supply \$50.  
HALLICRAFTERS 5-46B speaker \$5.  
DOW KEY ant relay \$10 each.  
TURNER 250 mic hi-Z PTT \$25.  
VIBROPLEX J-36 bug \$10.

SYLVANIA #140 tube tester \$20.  
CD capacitor sub box \$5.  
ACME 30-section indexer \$15.  
FERRET sig gen \$5. Hardware/coax \$20  
Bill Meyer K6TCD 539-1489.

YAESU FT 101, new finals, CW filter,  
mic, manual, original box \$250.  
KENWOOD TR 2400, 2m HT, spkr mic,  
charger, extra batteries, manual  
\$150. Larry NY7J 833-1155.

VIKING Valiant. Asking \$100. Worth  
it just for the Five 6146's.  
WB6TMY 527-8124.

### FREE HAMFEST PRIZES?

At the Pacific Division ARRL  
Convention, "Pacificon 87" they  
"gave lots of prizes... The market  
value of all prizes exceeded ten  
thousand dollars. We did not get  
much discount on these items. Only  
the grand and pre-reg prizes gave us  
much of a discount. Some ARRL  
books, some subscriptions to World  
Radio, and ten 5/8 wave antennas  
from Smiley were just about all the  
donated prizes. The old days of  
donated prizes are gone."

- Tnx SCCARA-GRAM of the Santa  
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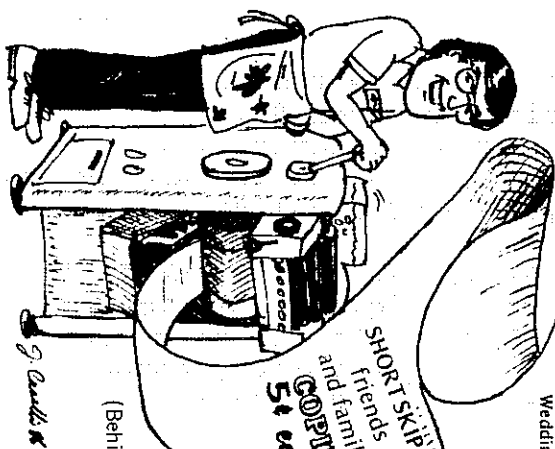
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Address Correction Requested