

# SHORT SKIP

*Sonoma County Radio Amateurs, Inc.*



Club Station

P.O. Box 116

Repeater Station

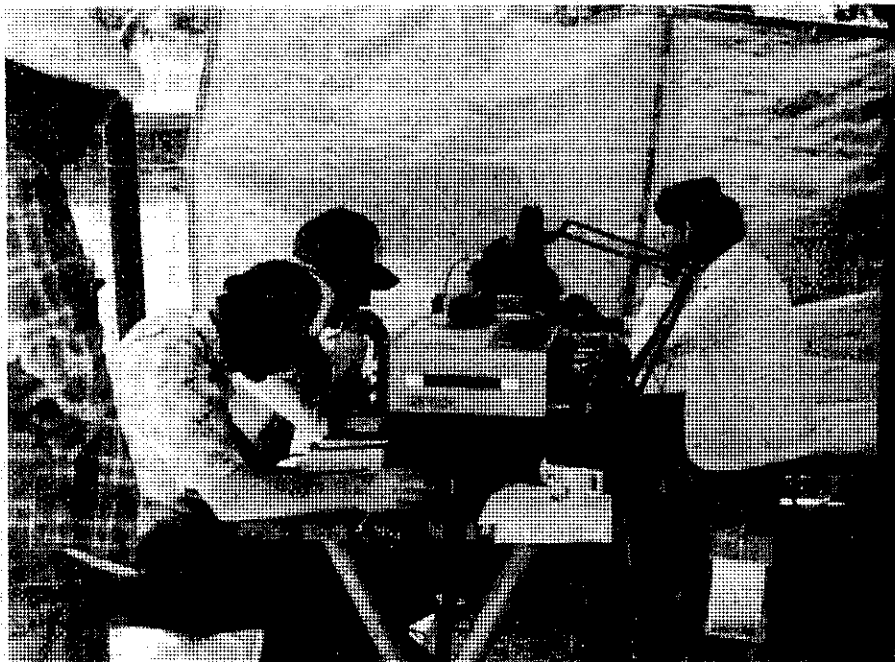
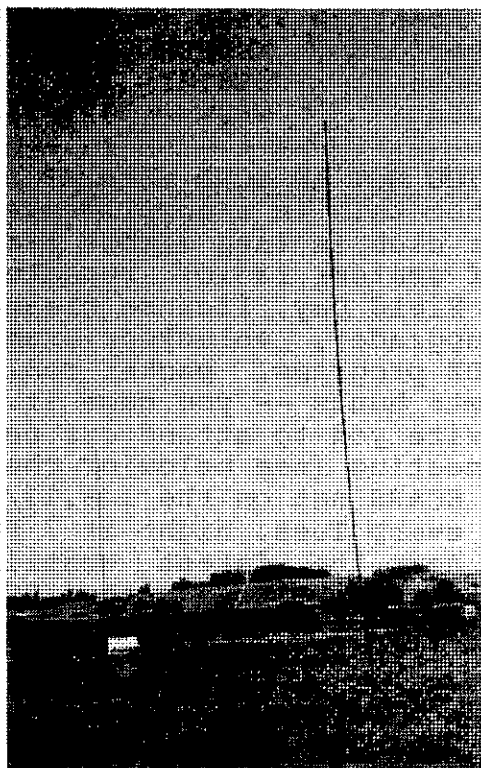
AUGUST 1986

W6LFJ

Santa Rosa, CA 95402

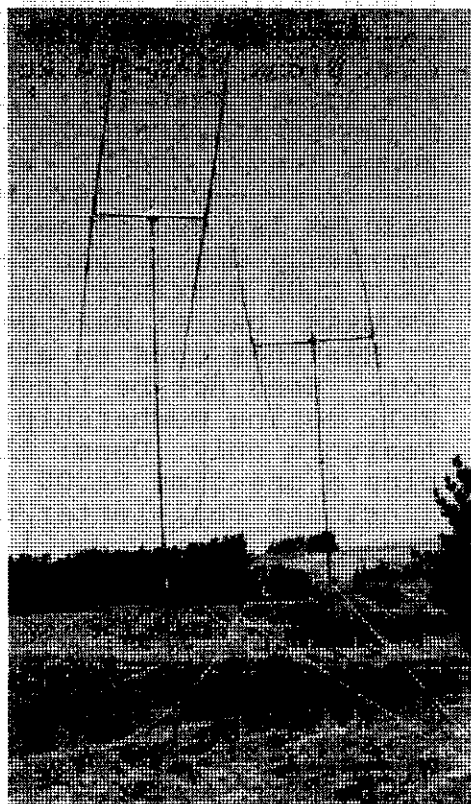
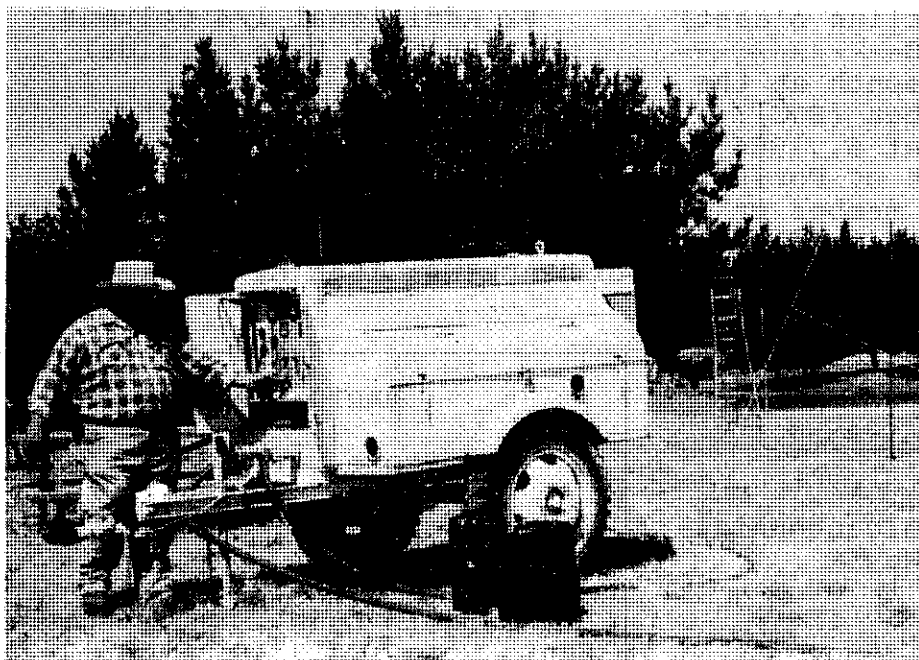
WB6PVS

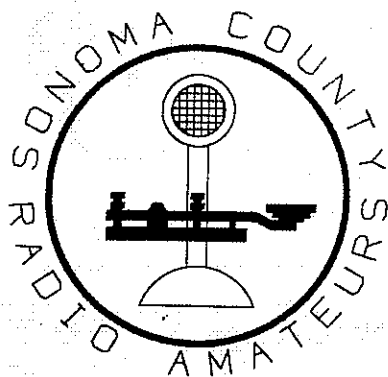
VOL 11 # 8



Field Day results:

see page 6





## -----OFFICERS FOR 1986:-----

PRESIDENT:	George Shedore	KS6W	838-6102
VICE PRES.:	Bob Olsten	WD6DPE	546-5593
SECRETARY (act):	Kathi Boyett	WB6UAZ	544-7943
TREASURER:	Ed Goei	KA5LGC	579-1681
REPEATER CHAIR:	Paul Hansen	AE6H	527-7955
ACTIVITIES CHAIR:	Steve Schaffer	KD6GC	546-8860
MEMBER-AT-LARGE:	Warren Klinger	WB6RHP	632-5459

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

EDITOR:	Alan Bloom	N1AL (e) 538-7115
	1578 Los Alamos Rd, Santa Rosa, CA 95405	(d) 577-3981
ADVERTISING MGR:	Jim Rutherford	WB6PER 833-6020
CIRCULATION MGR:	Tracy Reese	WB6TMY
SWAP SHOP:	Hank Davis	W6DTV 823-7885

RACES LIAS: WB6RHP/WD6DPE (see above)  
 ARRL LIAS: Alan Bloom N1AL 538-7115  
 ASST. DIR: Chuck Sabin N6DDK 795-2371  
 PUB. RLATNS: Kathi Boyett WB6UAZ 544-7943

## -----ACTIVITIES COMMITTEE-----

PUBLIC SRVC: Jim Boyette WN6D 544-7943  
 REFRESHMENTS AT MEETINGS: Bob WD6DPE  
 GREETER AT MTGS: May Kobold N6GZV  
 RAFFLE: Lyman WB6SMY, N6GZV, Terry WA6RNF  
 QSL MANAGER: Doug Bender WA0JRB  
 VOL EXAMINERS: W6DTV WA6ACX N1AL

K6ANP N6BLN AG6C WD6CKP WN6D  
 WB6FRZ KF6FX WA0JRB WA8LLY  
 EDUCATION: George Shedore KS6W 838-6102  
 PROGRAM CHAIRMAN: Bob WD6DPE 546-5593  
 HIDDEN XMTR HUNTS: Don Osborne WA6ACX  
 FIELD DAY: Gene Johnson W2EBG 578-3104

## -----REPEATER COMMITTEE-----

Alan Bloom N1AL-Jim Rutherford WB6PER  
 Jim Boyett WN6D-Phil Copenhaver N6KZS  
 Brian Kotzian KE6WL-Terry Laduke WA6RNF  
 Hoppy Bravin WD6CKP (Westlink b'cast)

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

7:30 PM 1st Wed of each month at the  
 Emergency Operations Center (EOC).  
 NEXT CLUB MEETING: August 6, 1986  
 PROGRAM: Darrel Mead, Dept of Forestry

Meetings open to all, member or  
 not. Need not be licensed to join.  
 Full voting membership for licensed  
 Amateurs only. Dues: \$12.00 per year  
 plus a one-time \$4.00 initiation fee.  
 (Includes call-letter/name badge.)

S <-- Highway 101	
Co. Court House	EOC
Ventura Ave	
Mendocino Ave.	

--> N
Bicentennial Way

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:-----

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

Pre-printed inserts:  
 \$28 (8.5 x 11" 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

**MINUTES OF THE GENERAL MEETING OF SCRA, July 2, 1986**

7:35 - The meeting was called to order by President George Shedore, KS6W.

INTRODUCTION OF GUESTS: Gary Palmer KB6MXZ (new call, Novice), Phil Schleyer KB6NEY (new call, Novice), Mike Hasset KB6GWC, Frank LaPointe KI6GG (up-grade to Advanced), Harvey K6KZ and Ruth WA6AQA Lawrence, Kenneth Debrecht KB6NOV, Greg Condrote WB6WPN (Novice).

INTRODUCTION OF MEMBERS present.

Introduction of NEW REPEATER CHAIRMAN, Paul Hansen AE6H. As he was unable to be at the meeting, a presentation was made by Jim WN6D and Jim WB6PER. The new autopatch and use of the autopatch was discussed generally. The Repeater Committee has also discussed refurbishing the Repco to use as an emergency repeater if needed. Control operators: Al N1AL, Terry WA6RNF, Brian KE6WL, Phil N6KZS, Hoppy WD6CKP, Jim WN6D, Kathi WB6UAZ, Jim WB6PER, George KS6W, Paul AE6H. Copies of the autopatch instructions and codes were then passed out to the membership. Jim WB6PER then gave further detailed instructions on the use of the autopatch and use of the codes. Jim then demonstrated calling through the autopatch using his HT. George KS6W stated, "The club has waited a good number of years for this night. A thank you to Jim WB6PER and everyone else who was operational in getting it on the air."

MEMBERSHIP DRAWING: Lee KA7NO won the raffle of \$15.00.

A copy of the total footage shot by KFTY CHANNEL 50 was obtained by Bob WD6DPE and was shown to the membership. The Field Day was covered as a news story on the Saturday, June 28, news broadcasts at 7:30 and 10:30 PM.

The MINUTES of the June meeting were approved (moved by Warren WB6RHP, seconded by Phil N6KZS.)

The club received a CERTIFICATE OF APPRECIATION from the Coddington Lions Club for help in providing communications for their biathlon on April 20.

It was mentioned that the Board should consider expanding the TROPHY CABINET. Also someone needs to come in and set up chairs at General Meetings.

George KS6W read a LETTER OF RESIGNATION from Marie N6KUS as Secretary of the club. The Board will be calling to find a replacement.

The TREASURER'S REPORT was approved. We had a net income of \$367.00. The General account balance is \$1214, and the Repeater fund balance is \$1,462 (moved by Warren WB6RHP, seconded by Phil N6KZS).

Hank W6DTV reported that all the BADGES have been passed out but one which will be mailed (John Rose).

PUBLIC RELATIONS: The coverage of the Field Day was reviewed. This year we had two articles published in the Press Democrat and one in the News Herald. Also, KFTY Channel 50 came out and covered the event as a news item for the evening broadcast. We will be submitting evidence of the PR for an award from the ARRL.

EDUCATION: Nothing is going on at this time. The next Novice class will be scheduled for September. The club still needs someone to volunteer to run an upgrade class. There are numerous individuals wanting to upgrade, but we need an instructor. Anyone interested contact George KS6W.

PICNIC: The annual picnic will be held on Saturday, August 23, at Dan Galvic Park. A map and information will be published in Short Skip. It will begin at 10 AM and go until ?? Potluch dishes will not be assigned to be more adventurous. The picnic is open to members and families. The club will provide soft drinks, coffee, tea. Each family is responsible for bringing its own main dish (barbecues will be available, charcoal and lighter will be furnished) and another dish for everyone. Also, bring

your own tableware.

Jim WB6PER reminded us to remember RACES net on Monday night at 7:30.

**FIELD DAY REPORT:** This is our best score since 1977. We had a total of 634 CW contacts, and 631 voice contacts. There was a problem with dupes on some of the bands. Better dupe sheets need to be designed. Bonus points: Emergency power = 800, Publicity = 100, SCM message = 100, WIAW message = 100, Natural power = 100, Packet = 100, 12 meters = 100, for a total of 1400 bonus points. Total score was approximately 5200 points. Our previous high was around 3800 about 6 years ago. Improvements for next year would include all bands being worked on both CW and voice to have better QSO rates, more people being willing to work between 2-5 AM, more radios being owned by the club, and a better duping system. It was suggested that next year we have a meeting to let people practice for the Novice station, and to go over logging and duping procedures.

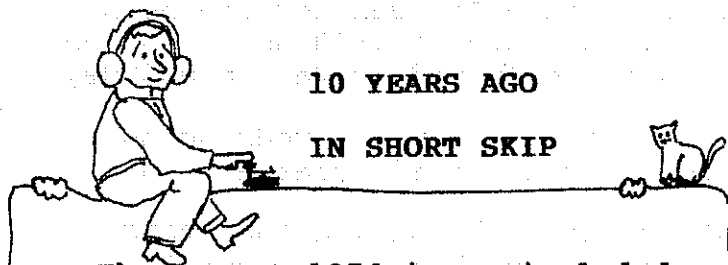
Gary KB6MXZ announced that on July 20, at Howarth Park, the Commodore 64 users group would be having a picnic beginning at 11 AM to 4 PM. All were invited to attend. Also, a stack of this month's newsletters is on the front table if anyone would like to have one.

The raffle was then held and the meeting adjourned at 10:00.

-- Submitted by Kathi Boyett WB6UAZ, Acting Temporary Secretary

### 10 YEARS AGO

### IN SHORT SKIP



The August 1976 issue included a short wrap-up on Field Day. 21,095 points were claimed, a "significant improvement over last year".

The August meeting was to feature "Old Timers' Night." WA6RNF had his rig stolen by someone in a "yellow Impala, 1965 or 66." Bud WA6UCP has a new hand-held radio. (Presumably no connection.) WB6NBR has his 10-10 number. (Still active, Ron?)

On The FCC front, Technicians gained Novice privileges on the HF bands as of July 23, 1976.

### TREASURER'S REPORT FOR MONTH ENDING June 30, 1986

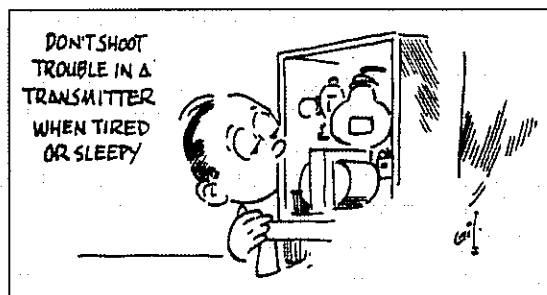


ACCOUNT	REVENUE	EXPENSE
Club activities		125.00
Coffee & Donuts		2.06
Dues & Initiations	194.00	
Badges		3.18
Miscellaneous		11.00
Short Skip Expense		122.94
Short Skip Revenue	438.00	
	632.00	264.18
NET LOSS	367.82	
ASSETS:		
General Acct (Exchange Bank)	1214.80	
Rptr Fund (Northbay Savings)	1461.70	
TOTAL ASSETS:		2676.50

-- de KA5LGC

### QUOTE OF THE MONTH

"The prerequisite to computer literacy is literacy... To use a computer you must be able to read and type." -- Julian Macassey N6ARE in his column "Computers and Hams", World Radio News.



## HOW "BALANCED" IS YOUR "BALUN"?

In the process of preparing antennas for Field Day, I did some measurements on a number of different types of baluns. I was surprised to find out how poorly balanced a typical "BALanced-to-UNbalanced" transformer really is.

For each unit measured, I soldered a pair of 100 Ohm, .1% resistors in parallel (50 Ohms) across the output using short leads. For the W2AU and Van Gordon baluns, I connected the resistors using copper strap for lowest inductance. A coax connector was soldered to the input side, if not already provided. SWR was measured with an HP 3577 network analyzer, and balance was measured with a 1745 oscilloscope in "A+B" mode. Since the voltages on either side of the resistor should be equal and opposite, summing the two scope channels together (A+B) should give zero. "% Balance" is defined as  $(A+B)/(A-B)$ , or common mode voltage divided by total antenna voltage.

## BALANCE

	1.8 MHz	3.5 MHz	7 MHz	14 MHz
Scope balance (A-B):	<1 %	<2 %	3 %	4 %
W2AU Balun	5 %	6 %	8.5%	12.5%
Van Gordon Balun	7 %	8 %	12 %	18.5%
Amidon #1	5 %	7.5%	15 %	24 %
Amidon #2	2.3%	4 %	8.5%	16 %
Amidon #3	3 %	5.5%	12.5%	21 %
Johnson Matchbox	-	12.5/2%	6.5/3%	12.5/5.5%
WA6RNF Mystery Balun	4 %	7 %	12 %	20 %

## SWR

	1.8 MHz	3.5 MHz	7 MHz	14 MHz	21 MHz	29.7 MHz
W2AU	1.41	1.22	1.15	1.16	1.20	1.27
Van Gordon	2.88	1.71	1.22	1.22	1.30	1.67
Amidon #1	3.50	2.20	1.74	1.81	2.15	1.91
Amidon #2	2.23	1.52	1.24	1.12	1.09	1.07
Amidon #3	1.85	1.44	1.30	1.33	1.44	1.58
Matchbox	1.00	-----	-----	-----	-----	-----
WA6RNF	2.23	1.64	1.48	1.63	1.86	2.33

"Amidon #1" was wound per the instructions that come with the Amidon KW Balun Kit (powdered iron type): 10 turns #14 enameled wire tri-filar wound flat and spaced evenly around the core. "Amidon #2" was 10 turns #18 trifilar wound and twisted 1 twist per 5/8 inch. "Amidon #3" was 12 turns #18 trifilar wound and twisted 1 twist per 1-1/4 inch.

For the Johnson 250W matchbox, the first of the two "Balance" numbers listed was for a 50 Ohm load, the second for a 1K load.

The only info on the "WA6RNF Mystery Balun" I have is Terry says "it used to be on my Quad". It is a toroid that appears similar to the Amidon unit mounted in a plastic box with a coax connector.

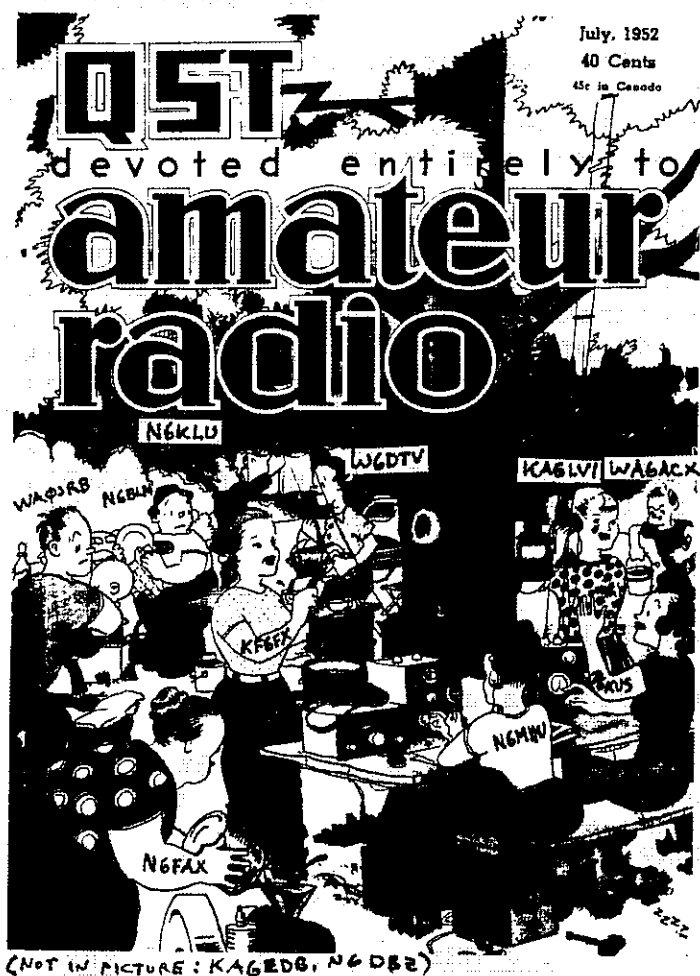
My conclusion? The W2AU seems to be a good choice. SWR was below 1.3:1 on 80-10M and only 1.41:1 on 160. If you're into winding your own, don't go by the Amidon instructions. One thing I didn't try was winding the Amidon core with two pieces of small-diameter coax. (The second piece with center and shield tied together). That should have excellent SWR, on the higher bands at least.

-- de N1AL

## 1986 FIELD DAY RESULTS

The 1986 FD results were the best that I can remember. Our final score was 5276 points, over 1000 better than REDX. Who says you can't have fun and still win a contest. A breakdown of the results are as follows:

BAND	CW	PHONE
160		14
80	186	297
40	230	94
20	206	6
15		144
12	11	
10		27
6		4
2	1	36
other		5
Novice	19	
	---	---
	653	627
	x2	
	---	---
	1306	627
TOTAL:	1933 x 2 =	3866
+ Bonus Points:		+1410
		---
		5276



(Some tried a little role-reversal on FD)

We earned all bonus points except OSCAR satellite which wasn't possible as there are no working satellites. Eight members were involved in earning these points.

As in the past, the CW ops made the most QSO points. This year they even made more QSO's too. The 15M and 10M ops did an outstanding job on phone. I guess that maybe those bands appear not to be open because no one is calling CQ!

Now for the bad news. Our dupe rate was very high -- about 9% overall. Special recognition goes to the 75M ops who managed 22%! Oops! Next year we will need better dupe sheets. Might try computer duping, but we need a quieter computer than the one that killed 10M when the band was open!

-- de Steve WA8LLY

## NEW MEMBERS SINCE JULY

Garry Palmer KB6MXZ  
333 E. Robles Ave.  
Santa Rosa, CA 95407  
584-3425

Harvey J. Lawrence K6KZ  
521 Teresa Ct.  
Sebastopol, CA 95472  
829-2350

Ruth S. Lawrence WA6AQA  
521 Teresa Ct.  
Sebastopol, CA 95472  
829-2350

Jack C. Leitch N6LDP  
478 Country Club Dr.  
Santa Rosa, CA 95401  
576-0408

We now have 143 members.

### Phone Patch and Autopatch Guidelines

Radio amateurs in the United States enjoy a great privilege: the ability to interconnect their individual stations and repeaters with the public telephone system. The wisdom of the federal government in permitting, and even in defending, this freedom has been demonstrated time and again. There is no way to calculate the value of the lives and property that have been saved by the intelligent use of phone patch and autopatch facilities in emergency situations. The public interest has been well served by amateurs with interconnect capabilities.

As with any privilege, this one can be abused, and the penalty for abuse could be the loss of the privilege for all amateurs...

It is the policy of the American Radio Relay League to safeguard the prerogative of amateurs to interconnect their stations, including repeaters, to the public telephone system. An important element of this defense is encouraging amateurs to maintain a high standard of legal and ethical conduct in their patching activities. It is to this end that these guidelines are addressed. They are based on several sets of standards that have been in use for several years on a local or regional basis throughout the country. The ideas they represent have widespread support within the amateur community. All amateurs are urged to observe these standards carefully so our traditional freedom from government regulation may be preserved as much as possible.

1) International phone patches must be conducted *only* when there is a special third-party agreement between the countries concerned. The only exception is when the *immediate safety of life or property* is endangered.

2) Phone patches or autopatches involving the business affairs of any party must not be conducted *at any time*. The content of any patch should be such that it is clear to any listener that business communications is *not* involved. Particular caution must be observed in calling any business telephone. Calls to place an order for a commercial product must not be made, nor may calls be made to one's office to receive or to leave business messages. However, calls made in the interests of highway safety, such as for the removal of injured persons from the scene of an accident or for the removal of a disabled vehicle from a hazardous location, are permitted.

3) All interconnections must be made in accordance with telephone company tariffs. If you have trouble obtaining information about them from your telephone company representatives, the tariffs are available for public inspection at your telephone company office.

4) Phone patches and autopatches should *never* be made solely to avoid telephone toll charges. Phone patches and autopatches should *never* be made when normal telephone service could just as easily be used.

5) Third parties should not be retransmitted until the responsible control operator has explained to them the nature of Amateur Radio. Control of the station must *never* be relinquished to an unlicensed person. Permitting a person you don't know very well to conduct a patch in a language you don't understand amounts to relinquishing control.

6) Phone patches and autopatches must be terminated *immediately* in the event of any illegality or impropriety.

7) Autopatch facilities must not be used for the broadcasting of information of interest to the general public. If a repeater has the capability of transmitting information, such as weather reports, which is of interest to the general public, such transmissions must occur only when requested by a licensed amateur and must not conform to a specific time schedule. The retransmission of radio signals from other services is not permitted in the Amateur Radio Service. However, the retransmission of taped material from other sources is permitted.

8) Station identification must be strictly observed. In particular, U.S. stations conducting international phone patches must identify in English at least once every 10 minutes, and must also give their call sign and the other station's call sign at the end of the exchange of transmissions.

9) In selecting frequencies for phone-patch work, the rights of other amateurs must be considered. In particular, patching on 20 meters should be confined to the upper portion of the 14,200-14,350 kHz segment in accordance with the IARU Region 2 recommendation, Miami, April 1976.

10) Phone patches and autopatches should be kept as *brief as possible*, as a courtesy to other amateurs; the amateur bands are intended to be used primarily for communication among radio amateurs.

11) If you have any doubt as to the legality or advisability of a patch, *don't make it*.

Compliance with these guidelines will help ensure that our interconnection privilege will continue to be available in the future, which will in turn help us contribute to the public interest.

### PROHIBITED TRANSMISSIONS AND PRACTICES

#### § 97.110 Business communications prohibited.

The transmission of business communications by an amateur radio station is prohibited except for emergency communications (see §97.3[w]).

#### § 97.114 Limitations on third-party traffic.

a) Subject to the limitations specified in paragraphs (b) and (c) of this section, an amateur radio station may transmit third-party traffic.

b) The transmission or delivery of the following third-party traffic is prohibited:

(1) International third-party traffic except with countries which have assented thereto;

(2) Third-party traffic involving material compensation, either tangible or intangible, direct or indirect, to a third party, a station licensee, a control operator or any other person;

(3) Except for emergency communications as defined in this part, third-party traffic consisting of business communications on behalf of any party.

#### § 97.3 Definitions.

(v) *Third-party traffic*. Amateur radio communication by or under the supervision of the control operator at an amateur radio station to another amateur radio station on behalf of anyone other than the control operator.

(w) *Emergency communication*. A non-directed request for help or a distress signal directly relating to the immediate safety of human life or the immediate protection of property.

(bb) *Business communications*. Any transmission or communication the purpose of which is to facilitate the regular business or commercial affairs of any party.

(Tnx ARRL FCC Rulebook)

### VOTE AT NEXT MEETING

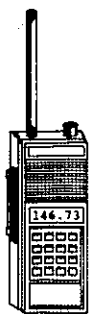
At the August meeting, we will have a vote to confirm Kathi WB6UAZ as our new Secretary to replace Marie N6KUS who has resigned.

### CHAIRS

Meetings are becoming so well attended, that we are running out of chairs at the EOC. Please try to bring a couple folding or lawn chairs to meetings.

Also, we need volunteers to help fold and stack tables and set up chairs before meetings so we'll have enough space in the room.

## RACES NEWS

RACES TRAINING SCHEDULE:

There have been many changes since the last training session several years ago. Of course, you and I don't need the training, but how are we ever going to interact with those other people unless we train with them?

If you have the slightest interest in emergency communications, you should make one of these training seminars. If you can't attend the session in your area, feel free to attend any other. RACES cards will be issued at each session.

SONOMA: 7 PM, August 20, 1986.

Sonoma Police Dept. Talk in on 147.47 simplex.

PETALUMA: 7 PM, August 5, 1986.

Petaluma Valley Hospital. Talk in on 146.52 simplex.

SEBASTOPOL: 7 PM, August 1, 1986.

Sebastopol Fire Station. Talk in on 146.49 simplex.

SANTA ROSA: 7 PM, August 7, 1986.

EOC Training Room. Talk in on 146.94 simplex.

COAST: 7 PM, August 12, 1986. Sea Ranch Activity Center. Talk in on 145.17 repeater.

For additional info, check into the Sonoma Co. Emergency Communications Net held each month on the 1st and 3rd Mondays at 7:30 PM on the 146.73 repeater.

CALIFORNIA DEPARTMENT OF FORESTRY  
Volunteers In Prevention Program

The yellow Nomex (fireproof) jackets were handed out at the July 24 meeting along with the shoulder patches. There's room on the other shoulder for a RACES patch when they become available.

The program for the July meeting was practice transmitting "audio-grams" over the air. This is a method of "connecting-the-dots" to outline the fire on a map. Anyone who has ever played " Battleship" will pick up the technique quickly.

At the June 19 meeting, two guests from the Santa Clara Ranger Unit discussed the extensive use made of the 200-300 Radio Amateurs at the Los Gatos fire. Voice, packet radio, and Amateur TV were used in law, observation, fire and Information Officer duties.

The SCRA club meeting this August 6 will feature a presentation by Darell Mead, the local CDF-VIP head. Come to the meeting if you'd like to find out about the program.

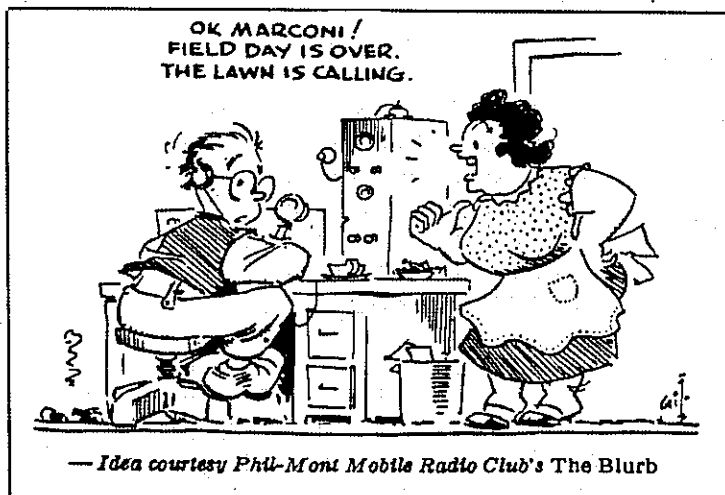
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**WANT: OLD SHORT SKIPS**

The Copies we need are listed below with an "O". The ones we have are marked with an "X". If you have any of the missing issues in your collection, we could use them to complete our collection for the club's historical records. If you don't want to give them up, we can make photocopies. Contact Al NIAL 577-3981 (days) or 538-7115 (nites).

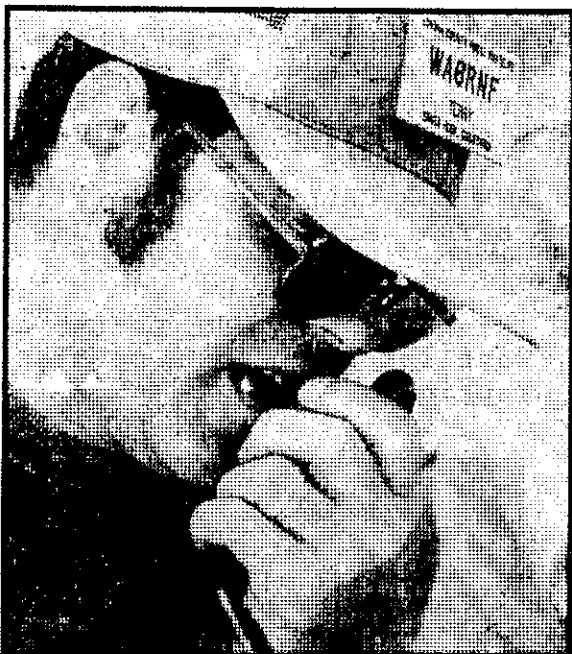
VOL YEAR #1 2 3 4 5 6 7 8 9 10 11 12

I	1976	X	X	X	X	X	X	-Not printed--					
II	1977	O	O	O	O	O	O	O	O	O	O	O	
III	1978	O	O	O	O	X	X	O	X	O	X	O	
IV	1979	X	X	X	O	X	X	X	O	X	X	O	
V	1980	X	X	X	X	X	X	X	X	X	X	X	
VI	1981	X	X	O	O	X	O	X	X	X	X	X	
VII	1982	X	X	X	X	X	X	X	X	O	X	O	
VIII	1983	X	X	X	X	X	X	X	X	X	X	X	
IX	1984	X	X	X	X	X	X	X	X	X	X	X	
X	1985	X	X	X	X	X	X	X	X	X	X	X	
XI	1986	X	X	X	X	X	X	X	X	X	X	X	

Thanks to Bob WD6DPE, Betty AG6C, and Terry WA6RNF for their donations.







Terry Laduke searches for other radio operators by broadcasting his code numbers

By CHRIS SMITH  
Staff Writer

Fun and games one day, life and death the next. Such is the life of a ham.

It was fun time Saturday, when about 50 ham radio operators clustered near Petaluma to practice for the next big emergency. Last September, after the deadly earthquake in Mexico, some of the hams took to the airwaves to move information on victims and survivors, and most pitched in with crucial communication during the Russian River floods of last winter.

The Sonoma County hams met Saturday morning at an open field at the Coast Guard's Two Rock Training Station to take part in a nationwide emergency-preparedness drill. They, just like amateur radio buffs in all 50 states and Canada, hurriedly set up a spiderweb of antennas and a gas-powered generator, then tried to contact as many other hams as they could reach.

Bob Simi of Santa Rosa, call sign WD6FEA, lowered his microphone for a moment to report he'd contacted people all over the West.

"I've got Washington, Texas, Colorado, Los Angeles, Arizona, Oregon, New Mexico," said Simi, who drives a refuse truck to help pay for his hobby. He said he'd even raised a Canadian ham in Saskatchewan.

"That's the first one from Utah," declared ham Terry Laduke, a Hewlett-Packard production supervisor. Laduke then returned to trying to raise somebody somewhere else.

Each radio contact counts for a point, and at the end of the 24-hour "Field Day" the club with the most points wins a national award. The drill ends at 11 this morning.

This is how Laduke attempted to raise someone, anyone on the radio: Keying the mike, he said, "CQ Field Day, CQ Field Day, Whisky 6 Little Fat John, London France Japan, W6LFI."

CQ Field Day, the hams explained, simply means the operator is making a general call and wants to talk to anyone taking part in the exercise. The balance of the salute merely identifies the call sign of

(Thanks to Kathi WB6UAZ  
for the excellent PR)

The Press Democrat, Sunday, June 29, 1986 — 3A

## Day of fun preparing for disaster

### Ham radio operators gather to practice getting in touch

the Sonoma County Radio Amateurs — W6LFI.

Hams assign full words to each letter to make the call signs more understandable over the air. So LFI might become Little Fat John or London France Japan or Limpid Fragile Jewel or Licorice Fudge Juicyfruit, or whatever.

Personal call signs, all of which are assigned by the Federal Communications Commission, are more important than names to the dedicated ham. Many hams go so far as personalizing their license plates with their call signs.

WB6UAZ, known to her non-ham friends as Kathi Boyett, said, "We don't know each other's last names. The first name and the call sign is about it."

Jim Rutherford, WB6PER, said the nationwide Field Day is great fun and a great excuse for hams to get together, set up a makeshift radio camp and "see if it all works." He said the practice will come in handy the next time there's a crisis like last February's floods in Petaluma and along the Russian River.

Rutherford said two hams with portable radios were marooned in Guerneville when the river was its peak. "We had first-hand knowledge of everything that went on out there," he said.

Rutherford said the pair of operators helped the Office of Emergency Services, the National Guard, the sheriff's office and the Red Cross coordinate the helicopter airlifts and evacuations by boat and bus, and the deliveries of food and clothing.

Throughout most of the flood, he said, radio communications were maintained and crucial information relayed by 95 volunteer hams manning 15 locations around the county.

Radio Amateurs President George Shedore of Windsor, KS6W, said the club's 140 members are proud of their contribution to the rescue and relief effort. He said, "It would have been extremely serious if we hadn't been there to provide communications."



## NEWS of Amateur Radio

ARRL FILES 18 MHZ PETITION. ARRL has learned that all Government and private domestic users have vacated the band. In light of the other 57 countries that now allow amateurs on 18 MHz, the League wants FCC to allow full access with 1500 Watts following the IARU band plan: 18.068-18.168 CW, 18.068-18.111 RTTY and 18.110-18.168 voice. (ARRL)

RADIO PRANKSTER GOES TO JAIL. 22-yr-old Bruce Humenik of Maple Shade, NJ was sentenced to 5 years in jail and a \$250,000 fine for repeatedly issuing false distress calls to the Coast Guard. Hi-tech DF units of the FCC and FBI tracked him down. He is now in jail undergoing psychiatric examination pending review of his sentence. (Westlink)

HAMS WERE HIGHLY PRAISED for their organization and discipline in the train derailment/ chemical spill near Miamisburg, OH July 8. The local ARES group had a previously-designed disaster plan which was immediately put into effect. Over 300 hams from as far away as Cincinnati provided primary communications for the multitude of agencies that had no other way of "talking" to each other. (ARRL)

A HAM RADIO COMIC BOOK featuring characters from the "Archie" comics is now available. Jointly funded by ARRL and the Amateur Radio industry, it is available free to Juniou High School teachers. (ARRL)

AMSAT PHASE 3C LAUNCH DELAYED due to the failure of The European Space Agency's Ariane-2 rocket May 30. It now looks like Jan-May 1987. (ARRL)

DO YOU LISTEN TO WEATHER SATELLITES? NOAA (the Nat. Oceanic & Atmospheric Administration) would like to hear from you. Seems FCC is considering opening up the 1700-1710 MHz band to interference-causing radio devices.

NOAA wants to document the number of users and give you info on how to protect yourself from QRM. Call Richard Barth at 202-377-0635 (ARRL)

AMATEUR CALLS as of July 1 (ARRL):  
 EXTRA    ADVANCED    TECH/GEN    NOVICE  
 WU60    KI6GS    N6NUF    KB6NFA

Thanks to the ARRL Letter and Westlink Report for permission to reprint.

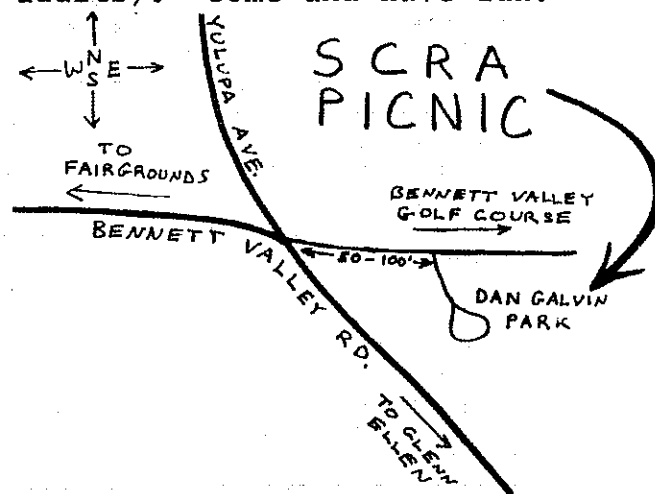


P-I-C-N-I-C-!

The Picnic is August 23 starting around 10 AM and running until ??? in Dan Galvin Park near the Bennett Valley Golf Course (see map).

We're having a modified potluck this year: Bring your own entree plus a side dish for the potluck. No assignments as to type of food: we'll live dangerously!

The club will provide coffee, tea, and soft drinks plus charcoal and fire starter. There will be prizes for activities (kids & adults). Come and have fun!





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

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Sebastopol, CA 95472 823-7885  
(Noncommercial ham ads printed free)

HEATH HR-10 Rcvr, 5 bands, manual.  
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"TUNE IN THE WORLD" code cassette.  
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Charles Schoop 838-7847.

KENWOOD 520, Ext VFO, CW filter \$425  
HEATH SB303 Rx, SB401 Tx, extender  
boards \$250 or B/O N6OJ 763-2528.

COAX: RG8U solid & foam at 12 cents  
a foot. Microphones, Speaker w/  
enclosure. W6DTV 823-7885.

2 CLIFF DWELLER ANTENNAS for 40  
meters. W6CCY 823-1357.

SALE/TRADE: TEMPO S1 and S4 HT.  
K6LVD 539-3949.

WANT: Yaesu YO-301 Monitor Scope.  
Ham 4 rotator. WU6W 578-8480.

SWAN 500, ext VFO, Spkr, Pwr Supply.  
KENWOOD TM201A 2 meter, 5 memories,  
up/down sw, 5/25 Watt, 2 P/L \$250.  
WA6EFY 415-479-9299 before 10AM &  
after 4:30 PM.

NEED: MANUALS for HW-32 and HW-12.  
W6DTV 823-7885.

TRADE: My good working RCA selecta-  
vision VCR (with a few movies) for  
your good working 2M mobile trans-  
ceiver. Must have 25-30 Watts out,  
5 kHz offset, +/-600 kHz/simplex  
switchable, and memory capabilities.  
Garry KB6MXZ 584-3425.

WANT: 160 METER RESONATOR for  
Hustler mobile whip (manufactured by  
Webster). Tracy WB6TMY 527-8124.

### EVENTS CALENDAR:

(Dont forget SCARS net every  
Tuesday at 7:00 PM on 146.13/73)

#### AUGUST:

Aug 2/3 - ARRL UHF Contest  
Aug 4 - RACES Nets, 7:00 PM  
Aug 6 - SCRA meeting 7:30 PM  
Aug 18 - RACES Nets, 7:00 PM  
Aug 20 - ARRL Div Cnvntn Sta Clara  
Aug 21 - CDF VIP Meeting 7:30 PM  
Aug 23 - SCRA Picnic, Dan Galvin Pk

#### SEPTEMBER:

Sept 1 - RACES Nets, 7:00 PM  
Sept 3 - SCRA meeting 7:30 PM  
Sept 5-7 - ARRL Nat. Convention, San  
Diego W6UZL 619-292-7918  
Sept 13/14 - ARRL VHF QSO Party  
Sept 14/21 - Jack London Festival  
Sept 15 - RACES Nets, 7:00 PM  
Sept 18 - CDF VIP Meeting 7:30 PM  
Sept 20 - SCRA Flea Market

#### OCTOBER:

Oct 1 - SCRA meeting 7:30 PM  
Oct 18 - NARC Meeting, Concord

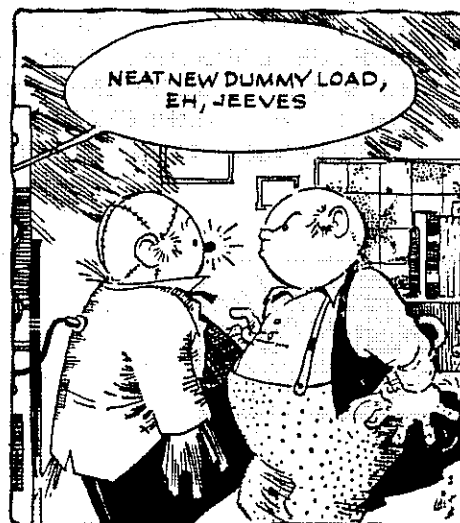
#### NOVEMBER:

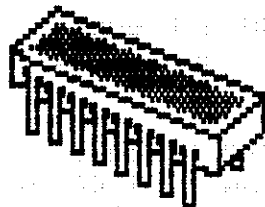
Nov 1/2 - ARRL Sweepstakes, CW  
Nov 15/16 - ARRL Sweepstakes, Phone

#### DECEMBER:

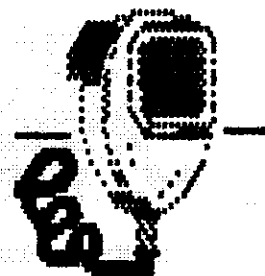
Dec 5/7 - ARRL 160 Meter Contest  
Dec 6 - SCRA Christmas Party  
Dec 13/14 - ARRL 10 Meter Contest

VE EXAMS HOTLINE NR: 408-984-8353





# H.S.C.



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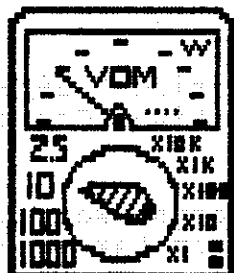
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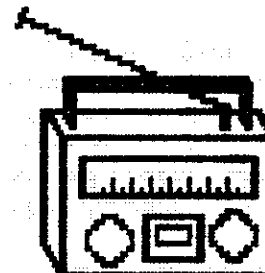


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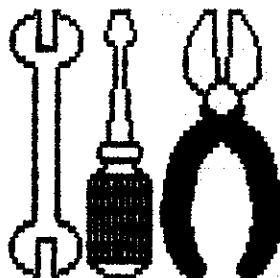


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HAVE A FREE CUP OF COFFEE, BROWSE AROUND THE STORE AND SEE ALL THE SURPLUS BARGAINS THAT ARE AVAILABLE. CHECK OUT OUR NEW AND USED COMPUTER EQUIPMENT IN THE "COMPUTER ROOM". STOP INTO OUR (SOON TO BE COMPLETED) "HAM ROOM" AND "QSO" WITH YOUR LONG LOST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



SCRA



## FLEA MARKET

Newsletter editors: Please publicize our Flea Market in your newsletter!

### TABLE RESERVATION FORM

Name: \_\_\_\_\_ Call: \_\_\_\_\_

Addr: \_\_\_\_\_

City: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone number: \_\_\_\_\_

Number of tables to reserve: \_\_\_\_\_

Cost per table: \$5.00

\$ Enclosed: \_\_\_\_\_

Desired location: Inside ☐

Outside ☐

Send to: SCRA  
Box 116  
Santa Rosa, CA 95402

### FLEA MART

Our 4th annual Ham Radio Flea Market & Auction is Saturday SEPTEMBER 20 at the Sebastopol Community Center. From Santa Rosa, take Hwy12 West about 10 mi, & look for the sign. Talk-in on 146.13/73.

#### FREE ADMISSION !

8AM-2PM. Vendors set up at 7. VEC exams, Antique Radio, Free Door Prizes, Radio Clinic, ARRL, etc.

To reserve your table, send \$5 to SCRA, Box 116 Santa Rosa, CA 95402.



# ***AMATEUR RADIO FLEA MARKET*** and Auction

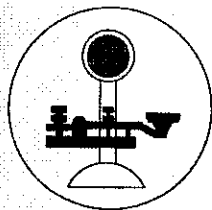
Saturday, Sept 20    8 AM - 2 PM  
Sebastopol Community Center  
390 Morris St., Sebastopol

Indoor Flea Market tables: \$7 at door, \$5 in advance  
Vendor set-up 7 AM. **TALK-IN on 146.73**

Radio Clinic, Refreshments, Door Prizes ...  
F.C.C. EXAMS

**FREE ADMISSION & DOOR PRIZES!**

From SANTA ROSA take Hwy 12 west 10 miles. Look for sign on right at city limits.  
For table registration tickets and information write:

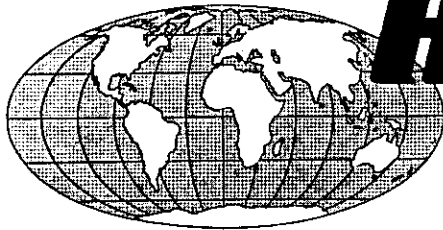


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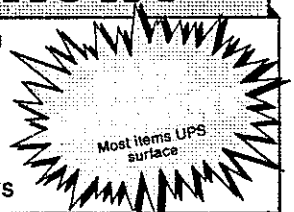
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