

MAY 1986

SHORT SKIH

Sonoma County Radio Amateurs, Inc.



Club Station

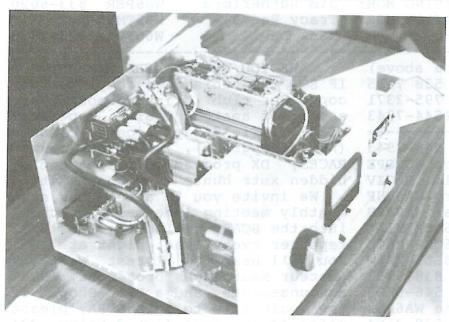
W6LFJ

P.O. Box 116 Santa Rosa, CA 95402 Repeater Station

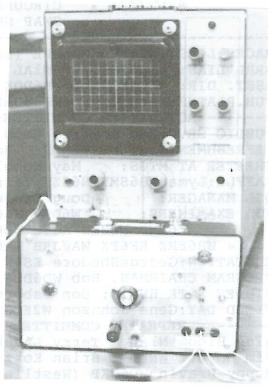
WB6PVS

VOL 11 # 5

HOMEBREW CONTEST ENTRIES



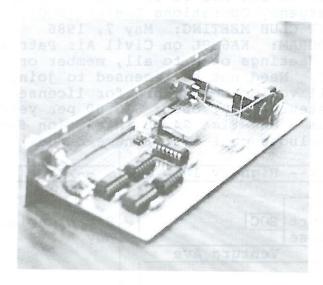
GRAND PRIZE WINNER: BRIAN KOTZIAN KE6WL SOLID-STATE LINEAR



TRANSISTOR TESTER, N6IIY



HAM CLUB MAILING PROGRAM, NIAL



FREQUENCY/LEVEL STANDARD, WASLLY



(OFFICERS FOR 1986:			
PRESIDENT:	George Shedore	KS6W	838-6102	
VICE PRES.:	Bob Olsten	WD6DPE	546-5593	
SECRETARY:	Marie Mappus	N6KUS	664-1978	
TREASURER:	Ed Goei	KA5LGC	579-1681	
REPEATER CHAIR:	Phil Copenhauver	N6KZS	542-2218	
ACTIVITIES CHAIR:	Steve Schaffer	KD6GC	546-8860	
MEMBER-AT-LARGE:	Warren Klinger	WB6RHP	632-5459	
	SHORT SKIP STAFF:-		<u> </u>	
EDITOR:	Alan Bloom	NlAL (e)	538-7115	
1578 Los Alamos Ro	d, 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 NIAL 538 7115 ASST. DIR: Chuck Sabin N6DDK 795-2371 PUB.RLATNS: KathiBoyetteWB6UAZ544-7943 -----ACTIVITIES COMMITTEE-----

PUBLIC SRVC: Jim Boyette WN6D 544-7943 REFRESHMENTS AT MEETINGS: Bob WD6DPE GREETER AT MTGS: May Kobold N6GZV RAFFLE: LymanWB6SMY, N6GZV, Terry WA6RNF OSL MANAGER: Doug Bender WAØJRB VOL EXAMINERS: W6DTV WA6ACX NIAL

K6ANP N6BLN AG6C WD6CKP WN6D WB6FRZ KF6FX WAØJRB WA8LLY KS6W EDUCATION: GeorgeShedore 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 NIAL Terry Laduke WA6RNF Brian Kotzian KE6WL Jim Boyett WN6D 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: May 7, 1986 PROGRAM: KA6SSL on Civil Air Patrol

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		> N
Co. Court	EOC			Bicentennial Way
	Ventura	Ave	'	
7	Mendo	cino	Ave.	· ·

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

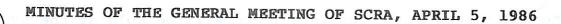
AD DEADLINE: 15th of previous month

RADIO SHACK

Store Nr. 3855

Zane Bates, Manager

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



Elected officers present: President George Shedore KS6W,
Vice Pres. Bob Olsten WD6DPE, Secretary Marie Mappus N6KUS, Treasurer Ed
Goei KA5LGC, Member at Large Warren Klinger WB6RHP, Repeater Chairman Phil
Copenhauver N6KZS. Non-voting Representative: Short Skip Ed Al Bloom N1AL.
Visitors present: Val Tompkins WB6FFS Rohnert Park, Bob Browne W6AHH
Santa Rosa, Jay Horn Santa Rosa, Judy Glover from TV 50. In attendance: 53.

The General Meeting of the SCRA was called to order by the President, George Shedore KS6W at $7:38\ \text{PM}$.

Guest speakers Rich Freitas KA6SSL and Larry Rau KS6WV were unable to attend the meeting.

The minutes of the last General Meeting were approved as published in Short Skip.

Hank Davis W6DTV submitted a letter of resignation from his SCRA-appointed position on the RACES Board. Many members expressed their sorrow over this action and the loss of Hank's expertise in so vital an area.

Ed Goei KA5LGC gave the Treasurer's report. There was a net loss for the month of March of \$605.42. The checking account had a balance of \$1510 and the Repeater Fund \$839. A motion to approve the Treasurer's report was made by Warren WB6RHP and seconded by Bob WD6DPE. The motion was carried.

RACES Radio Officer Jim WB6PER advised the group of the upcoming training activities on Monday April 7, 1986. The operation will be held at some of the hospitals in the Healdsburg, Santa Rosa, Sebastopol and Petaluma, as well as the Oakmont Fire House and other locations in the Rincon and Bennett Valley areas. The operation will begin at 10:00 AM and continue until 12:00 noon.

Judy Glover from Channel 50 TV came to the meeting to find out more about how Amateur Radio personnel render assistance during a disaster. She is working on earthquake preparedness with the schools and Pete Peterka. She is interested in emergency preparedness and became aware of the need for hams during the recent flood disaster. She interviewed Jim WB6PER and Jim WN6D.

There are two events coming up that will need the assistance of hams for communications service. The Biathalon on April 20, and the March of Dimes Walkathon on April 27. Jim WN6D requested that all interested parties contact him. So far there are 20 volunteers.

Warren WB6RHP announced that the breakfast meeting of the Sonoma Mountain Repeater Society at the Green Oaks Restaurant on April 20, 1986 has been canceled.

Phil N6KZS stated that there are 8 members in the Novice class and that they all should have their new licenses in a few weeks.

Phil N6KZS said that the new repeater was still being worked on by County technicians. He hoped it would be in operation very shortly. He offered the services of club members to assist the County in making the Repeater operational.

NEW BUSINESS: Bob WD6DPE brought a box containing club hats and logos. He encouraged the members of the Club to show some club spirit by wearing the hats at various activities. The hats are \$3.00 and the logos \$2.50. Net control for April will be Joel WB6DPP.

Bob WD6DPE requested that hams having Club equipment in their possission return it to the Club for evaluation purposes. Equipment that is in good condition and useful will continue to be issued to club members

on an as-needed basis, while obsolete items will be sold at the Swap Meet in September.

Jim N9EPS stated that the Fair Board would be willing to trade space at the Fair for communications assistance in traffic conrol. Brian KE6WL questioned whether or not there would be a conflict of interest in doing this. Al NIAL thought there would be a problem with remuneration for the space. John W6CCY said that it was public service and there should not be a problem. Al NIAL inquired about the number of persons needed daily and Jim N9EPS thought 4-6 operators scattered around the grounds plus 2 or 3 for a booth would be sufficient. It was estimated that about 200 manhours would be needed during this two week period. At the meeting about 15 persons volunteered. Members from other radio clubs will be needed to assist in this project.

The Home Brew Contest had five entries. Three in the made from scratch class, one computer and one written. The winner of the made from scratch was Brian KE6WL with a linear amplifier, 2nd was Steve WA8LLY with a frequency and level standard, and 3rd Brian N6IIY with a transistor junction tester. Al NIAL developed a computer software program for mailing Short Skip and Steve WA8LLY for writing. Each gave a brief explanation of their project. Certificates will be presented to each of the participants at the next General Meeting.

Two proposals were made by George KS6W to change the Constitution. One refered to the elimination of the Repeater Fund and the oher making the Repeater Chr and the Activities Chr appointed rather than elected positions.

The meeting adjourned at 9.05 PM. Warren WB6RHP made the motion, and it was seconded by Phil N6KZS.

Respectfully submitted by Marie Mappus N6KUS, Secretary.



TREASURER'S REPORT FOR MONTH ENDING MARCH 31, 1986

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RIAL	ARTEA	PRIRART
	R MAJOR TO SPRONGE OF AM UNITED STATES OF AM RAL COMMAJNICATIONS WASHINGTON, D.C. SI	COMMISSION

VOLUNTEER FCC EXAMS IN NORTHERN CALIF.

1/20			L
ACCOUNT	REVENUE	EXPENSE	-F
ARRL Membership	2.00		-C
Coffee & Donuts	2.68		r
Dues & Initiations	452.00		916
Raffle	5.01		MA
Badges		3.18	1
Miscellaneous	35.07		2/
Treasurer's Expense		3.99	4
Repeater		1064.12	10
Short Skip		79.14	17
Westlink		7.75	
Short Skip Revenue	56.00		18
_	552.76	1158.18	
NET LOSS:		605.42	Jΰ
			7
ASSETS:			14
Cash not deposited:		6.00	14
General Acct (Excha	inge Bank)	1510.18	

Rptr Fund (Northbay Savings) 839.17

TOTAL ASSETS:

-Fees are \$4.25 except W6NLG \$4.00 and WA6OFB Visalia no fee. -Chico exams: No walk-ins: must preregister 7 days before test date.

MAY:

1 SanFran W6PW or KKlA via K6GWE/R
2/3 Pleasant Hill WD6G 415-837-3080
4 Chico KE6EP 916-893-5208
10 LosAltosHills W6NLG 408-255-9000
17 Santa Rosa W6DTV 707-823-7885

Tahoe City N4KS 916-583-2504

8 Pleasant Hill W6NLG 408-255-9000

JUNE:

7 Visalia WA60FB 209-733-3109 14 Novato N6AQY 415-897-8950

14/15LosAltosHillsW6NLG 408-255-9000

Thanks KKlA via KB6EOC

2355.35



THE FORUM: WHOSE SPECTRUM IS IT, ANYWAY? by Burt Hicks WB6MQV (Excerpted from Westlink Report)

Westlink [has] reported the story of the ARRL's Executive Committee's refusal to back the FCC's move to add a section to the Communications Act. Section 333 would make willful and malicious interference to amateur communications a more serious crime and punishable by more severe penalties than currently exist under the Commission's administrative authority. The minutes of the Committee's meeting indicated that there were "serious risks" in moving too quickly in this area...

We can only speculate that those who serve on the ARRL Executive Committee are so busy running the affairs of the League that they never have time to turn on a two meter radio in New York, Miami, Chicago, Los Angeles, San Francisco or a dozen other cities where malicious interference has almost evolved into an art form.

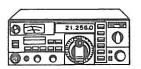
These are places where a jammer gives his real name, address and phone number on the air, and dares anyone to try and stop him.

Perhaps the members of the Committee have been too busy concentrating on new technology such as packet or OSCAR satellite operations to have the time to listen to the harassment to many of the high frequency nets — nets that are wantonly jammed, even when they are handling disaster traffic in real life and death dramas.

Well, we have listened. If administrative procedures were the cureall, the Commission would not be asking Congress for criminal sanctions to be taken against jammers. To us, this is one time when it's pretty hard to find an apologist to argue the ARRL's stand. There is no question that the vast majority of League members (and others) want quick and effective action taken against these criminals...

AM I PAID UP OR NOT?

The <quote> red "Dues Are Due"
<unquote> stamp referred to in the
last Short Skip refers to an actual
rubber stamp that actually says
"Dues Are Due". The small red "X"
that you may have seen on your
mailing label was to clue the
Circulation Manager that you ARE
paid up, and not to rubber-stamp
your copy. Sorry for the confusion.
-- NIAL



CLUB PROPERTY

Do you have any club property in your posession? We want to gather it all in, update the property list, examine it, and decide what should be kept, sold or thrown away. If (next column)

you still need the item, we can then give it back. If you know what has become of any club property, contact Bob Olsten WD6DPE, phone 546-5593.

ROSE PARADE HELP NEEDED

For the first time ever, we have been asked to provide communications for this year's Rose Parade on Sat. May 17. We will need 10 operators who have a 2-meter HT that would be able to walk the parade route. The time would be from 7 AM to 1 PM with breakfast provided. You would also need to attend an organizational meeting on Monday, May 5, at 8 PM at the Franklin Club House at Franklin Park in Santa Rosa. If you are interested in helping, please contact Jim WN6D as soon as possible at 544-7943 or on the 73 repeater.

PROPOSED CHANGES TO SCRA CONSTITUTION AND BYLAWS (To be voted on at the May meeting)

Motions 1 and 2 would remove article X from the club constitution along with all references to the Repeater Fund in the Bylaws. All club money would be combined into one account, with repeater expenditures to be budgeted along with other items at the beginning of each year.

This would also delete a provision in Article X that the Board must get

club approval for any expenditures over a certain amount.

Motion 3 would require that the Board decide upon a budget each year.

Motion 4 would change the Repeater and Activities Chairmen from elected to appointed positions.

MOTION #1: To delete the following portions of the Constitution & Bylaws:

ARTICLE X, #1. SCRA monies shall be divided into two separate accounts, the General Fund and the Repeater Fund.

#2. These two funds shall be kept in separate bank (or other financial

institution) accounts and maintained by the Treasurer.

#3. Expenditures from either fund must be approved by the Board of Directors. Any expenditures over a certain amount as defined in the Bylaws shall also be approved by the general membership.

#4. Repeater funds may be used only for repeater expenses.

- #5. 50 per cent of all SCRA income from dues and initiation fees shall go into the Repeater Fund, the rest accruing to the General Fund until the Repeater Fund reaches an upper limit as specified in the Bylaws. When this happens, no more monies go to the Repeater Fund until it falls to its maintenance limit (as specified in the Bylaws) when the 50 per cent rule will again take hold. If the Repeater Fund drops below its lower limit (as defined in the Bylaws), the Board shall take up the matter at the next Board meeting to determine remedial action. The General Fund will not be used to bring the Repeater Fund up to its minimum.
- #6. The Board may from time to time authorize special fund-raising events with proceeds earmarked for one fund or the other.
- #7. Any out-of-the-ordinary repeater expenses shall be decided by the membership.

Bylaw #3. The Repeater Fund upper, maintenance, and lower limits shall be \$2000, \$1600, and \$1000 respectively.

Bylaw #12. The money amount mentioned in Article X, Section 3 shall be \$250 or 50% of total club monies, whichever is less.

MOTION #2: To add to the 1986 budget a sum of \$800 for repeater expenses. (Does not include repeater expenses incurred before this date.)

MOTION #3: To add the following bylaw:

#3. (Or #18 if motion #1 does not pass.) The Board shall prepare a budget for the coming fiscal year at the first Board meeting of the calendar year. The budget shall be published in the next available issue of the SCRA newsletter. Any expenses over the amount allocated in the budget must be approved by the Board.

MOTION #4: To change Article IV of the Constitution as follows: (Additions [in brackets], deletions struck out.)

- "1. The officers of this organization shall be a President, Vice President, Secretary, [and] Treasurer, Repeater Chairman, and Activities Chairman.
- 2. The Board of Directors shall consist of all elected officers, [the appointed Chairperson of the Repeater Committee, the appointed Chairperson of the Activities Committee and two elected full members at large.] and one member at large. The SCRA newsletter editor and either the Sonoma County Communications Director or the Sonoma County Emergency Services Coordinator shall be ex-officio members of the Board without vote. All elected [voting] officers and Board members must be full members.
- 3. The President shall chair the Board.
- 4. All officers and the [two] at-large Board member[s] shall be elected for one-year terms at the annual elections meeting as specified in the Bylaws.
- 5. The Board may appoint persons to fill vacant positions on the Board until a special election is held as provided for in the Bylaws. [The Board shall appoint the Repeater Chairperson and the Activities Chairperson for the year.]

-- Moved by George Shedore KS6W, April 2, 1986

COUNTY FAIR

It looks like there will be no Amateur Radio booth at the Sonoma County Fair this year. The Council of Amateur Radio Clubs on 4/14 rejected the Fair's offer of a free booth in return for communications because:

- It probably violates the FCC regulation about "no remuneration for use of station".
- 2) The Fair wants 6-8 people 14 hours a day for 2 weeks plus people to man the booth. That's more man hours than we spent handling the great flood this year.
- 3) As volunteer public service organizations, we don't feel we should have to pay \$500 for a booth to put on a free demonstration of Amateur Radio.

-- (via KS6W)

KUDOS FROM THE CITY

The City of Santa Rosa recognizes the services of all the hams in Sonoma Co. who helped out in the recent disaster, etc. In a ceremony May 15, representatives from all area clubs will receive an award.

WANT: OLD SHORT SKIPS

Your newsletter Editor has Vol I, issues 1-6 (all of 1976) and all of Vols 10 & 11 (1975/6). If you have any other 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 photocopy. Contact Al NIAL 577-3981(d) or 538-7115(n).

REPEATER NEWS

Well, the new repeater is up on the hill. We are just beginning to learn how to run the thing. It's humbling to suspect that the microprocessor is smarter than we are!

The County promises that the microwave link & phone line for the autopatch should be available "Real Soon Now". Be thinking about how the 'patch should be implemented: 911 only, 911 plus 2 specific phone numbers for each member, open patch with any of several access codes/modes, or just about anything else you can program the micro-p. to do.

IMPORTANT DIFFERENCES BETWEEN AMATEUR RADIO AND CB

AMATEUR RADIO SERVICE ("Hams") CITIZENS RADIO SERVICE (CB)

Permitted

Hobby and experimental communica- Business and casual tions. Home computing by radio. Emergency and routine public service. Mobile radiotelephone for emergencies. for personal use only.

conversation. Road information. Public aid channel

Operating Range

Unlimited. Hams talk to orbiting astronauts and to friends down the street or across the world.

Limited by law to less than 150 miles. CB'ers typically talk less than 5-10 miles.

Frequency Bands

Amateur bands are spread across the radio spectrum. 1000's of channels available. License class determines frequencies allowed.

One band of 40 channels.

Power 1500 Watts, if needed. (Novice Permitted license limited to 250 Watts.)

Less than 15 Watts. Antenna height limited by law.

License Required

Tests for technical skill, FCC rules and regulations, and Morse Code. More difficult tests for higher license classes.

No test or license required.

How to Tell Who is Who

Every ham has a unique FCC-issued call sign which includes 1 number and 3-5 letters. Most states offer special license plates.

No FCC-issued call signs. "Handles" are names invented by the user to identify himself on the air.

Signals Allowed

AM, FM & single-sideband voice, computer & teletype, satellite, TV, Morse code, repeater relay, wireless remote control.

AM and single-sideband voice. Wireless control of model ships and planes.

Equipment

Can construct and experiment with own gear. Can modify, overhaul, & repair manufactured equipment.

Must use only manufactured equipment accepted by FCC. No adjustments allowed.

Main

Can experiment with equipment, antennas, and radio propagation. Can communicate with radio Attraction enthusiasts around the world. Can help your fellow man in time of natural disaster. Different interest groups too many to mention.

Avoiding speed traps. Chit-chat with neighbors or while driving. Enjoyment often limited by profanity, low power and interference.

Journals and Groups

Several national magazines. Main national organization is ARRL (American Radio Relay League, 225 Main St, Newington CT 06111). Local society is Sonoma County Radio Amateurs, Inc., (SCRA) POB 116, Santa Rosa, CA 95402.

No national membership organization. Many metropolitan areas have REACT emergency groups. Few local clubs.



NEWS of Amateur Radio

NARC VOTES DOWN 20 KHZ. The recent Northern Amateur Relay Council meeting once again included a vote on whether to abandon the current 15 kHz bandplan and go to 20 kHz spacing. Although nearly all the people commenting spoke in favor, the repeater owners voted it down by a vote of 79-69. (Tnx WB6RHP)

VE3SR LOSES COURT BATTLE. Jack Ravenscroft has received a permanent injunction from transmitting from his property and has been assessed damages of \$2558.00 Canadian for interfering with his neighbor's equipment (hi-fi, microwave oven, etc.). This despite support from the CRRL, CARF, DOC (Canadian FCC), and many local radio clubs in both the US and Canada. He had 10 days to file an appeal, a decision that would be based on the financial support available. (ARRL)

FCC REQUESTS CONGRESS TO AMEND THE COMMUNICATIONS ACT to increase the penalties for malicious interference by making it a criminal rather than administrative violation, eliminate the conflict-of-interest statute concerning VEC's, and delete recordkeeping rules for expenses of VE's and VEC's. ARRL's Executive Committee will urge FCC and Congress to preserve the conflict-of-interest and record-keeping rules. ARRL also fears "significant risks associated with proceeding too quickly" to impose criminal sanctions for malicious interference. (ARRL)

FCC CANCELS CITATIONS in the Florida swap net case. Discussions with FCC indicate there has been no change in policy on this issue: the citations had been issued without prior coordination with Washington. [Ed note: My understanding is that selling personal ham gear on the air has always been ok — even if prices are mentioned — but that doing it for profit is a violation.] (ARRL)

FCC DROPS AUX LINK PROPOSAL. QCWA's request to allow auxiliary operation on all Amateur freqs was opposed by ARRL on the HF bands. So FCC dropped its NPRM. (PR 85-215) (ARRL)

VOLUNTARY RFI STANDARDS for TV and VCR manufacturers have been set by a committee of ANSI, the American Nat. Standards Institute. They specify an immunity level of 1 volt/meter field strength. Committee members included the EIA, FCC, IEEE, and ARRL Atlantic Div. Director Hugh Turnbull W3ABC. (ARRL)

INTERNATIONAL TRAVEL HOST EXCHANGE is a program organized by ARRL to get hams together when travelling in foreign countries. Files are maintained of amateurs interested in exchanging vacations with, accommodating, or just meeting amateurs of other counries. IF you wish to register, write ARRL (225 Main St., Newington, CT 06111) and ask for an ITHE registration form. Currently hams in 28 states and 20 countries are registered. You can get a list of all participants from ARRL for an SASE. (ARRL)

HAMS ACROSS AMERICA is the name given to amateur participation in "Hands Across America" Sunday May 26, 1986, when 6,000,000 Americans will attempt to join hands in a line stretching from New York City to Los Angeles. The event is sponsored by the same people who sponsored the US Aid for Africa benefit last year. National Communications Coordinator is Charlie Kosman WB2NQV, organizer of communications for the Olympic Torch Run. To volunteer, send info on your VHF/UHF portable gear & any expertise you may have to your ARRL Section Manager (Bob Smith NA6T, POB 1425, Fort Bragg, CA 95437) or to Hams Across America, POB 308, Quakertown, NJ 08868. (Westlink)

Thanks to The ARRL Letter & Westlink Report for permission to reprint.

SWAPNET CLARIFICATION

For those wondering how far can we really go in selling gear over the air, the following quote may be helpful:

Worldradio sought clarification from the FCC Field Office in San Francisco and received the following information:

In effect, nothing has changed; commercial traffic and third party traffic have never been permitted. If an Amateur wishes to list his own equipment and list its price, fine. Haggling over the price with a potential buyer on the air is not wise, because that could be construed as sounding commercial.

The matter of selling the gear of a Silent Key presents a different case. It is perfectly fine to announce what the gear is, and the time and place where it is going to be sold, just as one may announce a hamfest. However, to list that equipment and prices and selling it on a net, constitutes third party traffic. It is not your own equipment, and is being sold for someone else.

The test for the individual Amateur should be: is it your equipment, and are you selling what has been your own gear, or are you making a tidy profit from acquiring things at swapfests and turning it around every week on the local net? The latter is clearly a violation.

-- Thanks Worldradio News

*BGDEC

Jim Rutherford Builder • 833-6020

GENERAL CONSTRUCTION

Additions & Remodeling Plumbing & Electrical upgrades Decks - Patios Fences - Retaining Walls

MANY LOCAL HAMS FOR REFERENCES

EVENTS CALENDAR:

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

MAY	:	
May	3	- CDF Picnic 11 AM
May	4	- Roseville Flea Mart
217		American River College Scto
May	5	- RACES Nets, 7:00 PM
May	7	- SCRA meeting 7:30 PM
May	8	- ARRL 1296 MHz Sprint
May		- CDF VIP Meeting 7:30 PM
May	17	- SCRA VEC Exams 9 AM, EOC

- ARRL 50 MHz Sprint May 19 - RACES Nets, 7:00 PM

May 21 - Fresno Hamfest - Armed Forces Day

JUNE:

Jun 4 - SCRA meeting 7:30 PM Jun 7/8 - ARRL VHF QSO Party Jun 28/29- Field Day

JULY-DECEMBER:

Jul 12/13- IARU Radiosport Chmpship

Aug 23 - SCRA Picnic

Sept 5-7 - ARRL Nat. Convention, San

Diego W6UZL 619-292-7918 - SCRA Flea Market

Hank Davis W6DTV 823-7885

Sept 20 - SCRA Flea Market
Dec 6 - SCRA Christmas Party

VE EXAMS HOTLINE NR: 408-984-8353

BIG PLANS FOR FIELD DAY THIS YEAR! RESERVE JUNE 27-28. BEAT REDX!!!!

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

WANT: DG-5 Digital dispaly for Kenwood TS-520S. Gary Palmer (in Novice class) 707-584-3425.

KENWOOD 4000A 144/440 MHz 2-band FM. W6RIA 528-1681.

54' TOWER: crank-up, fold-over. WILSON Tri-bander 10/15/20 & rotor. N6BFY 823-2292.

2 GENERATORS: Honda 600 Watt, 110 VAC and 12 VDC. 2000 Watt, 110 VAC and 220 VAC. W6DTV 823-7885.

TERATE CENTRAL SAL MAY SIN

WE ARE HAPPY TO COME TO THE SANTA ROSA AREA TO OPEN OUR THIRD STORE. WE BRING COMPUTER PARTS AND ACCESSORIES, IC'S, RESISTORS, TRANSISTORS, HOBBIE BOXES, SOLDERING IRONS, CONNECTORS, WIRE AND CABLE, TO MENTION A FEW ITEMS!

WE ARE SETTING UP AN AMATEUR SUPPLY AREA IN OUR STORE TO SERVE THE HAMS IN THE AREA.

WE HAVE PALLETS OF YESTERDAY'S TEST EQUIPMENT AT GIVE AWAY PRICES FOR THE EARLY BIRDS.

WE HAVE OVER 5000 SQ. FT. OF PARTS TO CHOOSE FROM.

TIME 9AM-SPM

ADDRESS...... 6819 South Santa Rosa Ave., Cotati
(corner of South Santa Rosa Ave. & Portal St.)

"FREE" Coffee, Donuts, Soft Drinks and from 10-2 "Hot Dogs"

WE'RE LOOKING FORWARD TO SEEING YOU ON OPENING DAY.

DIRECTIONS.. 101 TO ROHNERT PARK EXPRESSWAY-WEST, TURN LEFT AT SIGNAL LIGHT ONTO SOUTH SANTA ROSA AVE. AND GO 1/4 MILE.

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