

# SHORT SKIP

Sonoma County Radio Amateurs, Inc.



Club Station

P.O. Box 116

Repeater Station

FEBRUARY 1988 W6LFJ

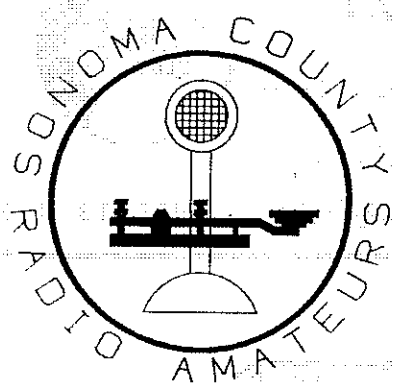
Santa Rosa, CA 95402

WB6PVS

VOL 13 # 2



HAVE FUN IN THE NOVICE ROUNDUP!



-----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:	Steve Schaffer	KD6GC	546-8860

-----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: Bob WD6DPE 546-5593  
 REFRESHMENTS AT MEETINGS: Bob WD6DPE  
 GREETER AT MTGS: Jane N6NTB  
 MEMBERSHIP LOTTERY: Warren WB6RHP  
 Q&L 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  
 EDUCATION: Steve Lund WA8LLY 823-4544  
 WA6ACX, WW6D, WB6PDP, W6TLK, KF6WV  
 AWARDS CHAIRMAN: Steve Lund WA8LLY  
 FIELD DAY: Steve KD6GC and Al N1AL  
 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: Feb 3, 1988.

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

**SHORT SKIP ADVERTISING RATES:**

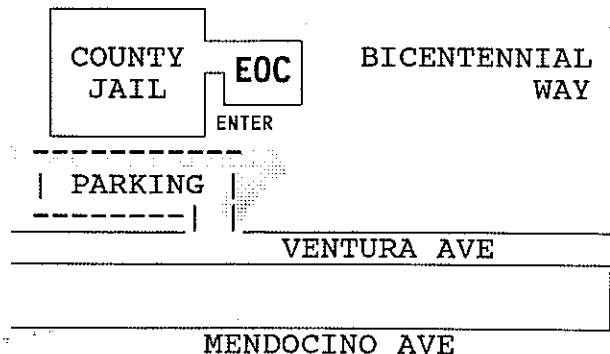
Business cards: \$10

\$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 "OLD TIMER"

Well, the "OT" tried last month to get some fresh, creative ideas from the club members. I have not heard of any so far, too bad.

Club meetings must be "show biz style" in order to attract members' attendance. "Show biz" can be informative as well as interesting. Good speakers are always a meeting picker-upper. With 196 members, someone should be able to suggest a good speaker. [Ed note: give your ideas to WD6DPE, phone # on page 2.] If the club took the speaker to dinner before the meeting, and the members could "eye ball" with the speaker afterwards, this could make him feel more at home.

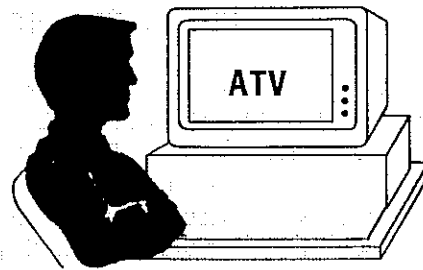
Someone with a video camera could visit members at home and record views of their radio shacks and antenna systems. [Ed note: and take still photos for Short Skip!] This could be very interesting. Videos of club activities can be interesting to members that couldn't attend and to send out to other clubs to show what we do now and then.

Product show and tell. Any local radio outlet would be pleased to appear at a club meeting and explain the good points of their latest products, if there may be a possible sale.

Sonoma County has large electronics and related firms established here, and some of them may have public relations personnel that can talk about their firm's products. Let's try again.

-- 73, The "OT" (W6DTV)

Thanks, Wayne



The ATV repeater located atop Mt. Diablo is sponsored by the Contra Costa ATV group. The repeater presently has an input at 1264 MHz (AM) with the antenna located at the very top of the main tower. The output is at 426.25 MHz (AM), and the power is somewhere around 300 Watts ERP. The antennas are both vertically polarized and fed with 7/8 inch hardline.

The current test schedule involves test pattern transmissions on Tues, Thurs, and Sat at 8-9 PM with other activity on weekends. The ATV net meets on Thursday at 8 PM on the following freqs: 147.060, 223.740, 441.325. N6GOZ is net control.

ATV repeater contact personnel are Joe KD6DY (939-6567), Mike N6GOZ (971-6228 or W6CUS-1), Don W6NKF (372-8777), or Chuck WA6SYE via WA6YHJ-1.

- 73 de N6GOZ via N6IIU BBS

### SUPPORT OUR ADVERTISERS!

### NEW MEMBERS SINCE LAST MONTH

Donald Loarie  
13711 Chalk Hill Rd.  
Healdsburg, CA 95448  
433-4565

Robert Ybarra WB6LCH  
POB 716  
Forestville, CA 95476

Clyde Anderson N6MSB  
534 Parquet  
Sebastopol, CA 95472  
823-4830

We now have 199 members

## MINUTES OF THE GENERAL MEETING OF SCRA JANUARY 6, 1988



The meeting was called to order by President Russ O'Neill N6KMJ at 7:33 PM. Jane N6NTB presented the following visitors: Brad Silva, Don Loarie, Zach Light, Ralph Hyde, Arden Allen, and David and Nancy Mitchell.

Garry N6ONZ announced the RACES meeting tomorrow at the EOC. For those who can't make it, cassette and possibly video tapes will be recorded.

Upgrades since last month include Jack N6LDP and Jim N6PTM, both to Advanced.

Phil N600A presented the program for the evening, a videotape from Pacific Bell on survival skills in emergencies. Then Bob WD6DPE showed a short professionally-produced training video on Casualty Collection Points that was filmed at the emergency exercise held in Santa Rosa October 10-12, 1986. Several of our local movie stars have kindly consented to sign autographs at the next meeting.

The November Minutes should have stated that there will be no raffle for the next 6 months. The minutes published in Short Skip were then approved as amended. m/s WB6RHP/N6KLU

The Treasurer's reports published in December and January Short Skip were approved. m/s WA6RNF/WA6IXC

Treasurer N6PTM presented several bills for payment, including \$337 for insurance. Passed. m/s WA6RNF/KD6GC

EDUCATION: Steve WA8LLY reports that EVERYONE PASSED from his Advanced class at the recent VEC test sessions, for a total of 16 upgrades. The next exams will be in March or so. WW6D also plans Novice classes in March. Sign up with Steve (see page 2) for classes or exam sessions. We need some Extra class hams to register as Volunteer Examiners. The old crew is starting to get burned out.

REPEATER: Hoppy WD6CKP reports status quo on the repeater. Connie N6FYV will be NCS for the net in February.

PACKET: Al N1AL had nothing new to report.

ACTIVITIES: We need "fresh blood" for the coming year, according to Activities Chairman/Vampire Steve KD6GC. We are hoping to get the Two Rock Coast Guard grounds for a Field Day site this year. We plan some kind of operating activity to put W2ØØLFJ on the air in September.

WALKS/RUNS: Bob WB6EKV expressed great respect for the job done by Rudy and Marie N6KLU/KI6QY last year. Bob has a list of 45 participants from last year. We already are committed to 6 events for 1988, and there will be more. Contact Bob to sign up.

BADGES: Hank W6DTV has badges for WA6BPA, KB6VEF, WA6HYE, and NY0N.

#### OLD BUSINESS:

Connie N6FYV reported that we donated 7 cases of food to the Salvation Army which were much appreciated. We also forwarded \$75 in club and personal member donations.

#### NEW BUSINESS:

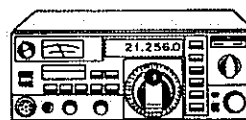
January 16 is the date of the Pacific Division meeting. Chuck N6DDK will represent SCRA.

The member lottery was won by Gary AA6CC (ex-WA6ALL).

A motion to adjourn was passed unanimously. m/s WB6RHP N6PTM

Respectfully submitted by Al Bloom N1AL, Secretary.

## 1988 PROPOSED BUDGET



LET'S  
BUY SOME  
RADIOS

-100.00	Xmas Party
-100.00	Field Day
-75.00	Picnic
-75.00	Misc Activities
-350.00	ACTIVITIES
-10.00	REFRESHMENTS
1500.00	125 Renewals
360.00	20 Family Renwls
300.00	25 New members
-100.00	Repeater Fund
2060.00	DUES
700.00	Flea Market **
30.00	ARRL memberships
730.00	FUND RAISERS
0.00	RAFFLE (none)
-87.50	BADGES
-100.00	Trophies, awards
-500.00	2 HF stations
-350.00	Insurance
-60.00	World Radio offer
-40.00	Other
-1050.00	MISC
-400.00	Repeater expenses
+400.00	From Repeater Fund
0.00	REPEATER
+700.00	Short Skip Ads
-350.00	Postage
-1000.00	Printing expenses
-50.00	Other
-700.00	SHORT SKIP
-200.00	TRAINING/EDUCATION
-100.00	Phone charges
-50.00	Donation
-150.00	WESTLINK
+70.00	MEMBER SUPPLIES
-175.00	OFFICERS EXPENSES
-----	
+137.50	TOTAL

General Fund ending balance: 1108.80  
 Repeater Fund ending balance: 1688.07  
 (Incl: \$100 interest, \$100  
 dues, and -\$400 expenses)

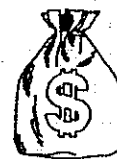
Sharp-eyed readers will notice that the Board-approved 1988 budget includes \$500 for two HF stations.

SCRA used to own an HW-101 and a Hallicrafters SSB xcvr. Both radios proved unreliable and were sold.

Club-owned gear serves two purposes: 1) Loaner for new hams. 2) Field Day. To be competitive in our "unlimited number of xmtrs" competition with REDX, we must have both phone and CW rigs operating at the same time on the "hot" bands (80/40 meters at night and 20/?? in the day). Solid-state synthesized radios won't handle another nearby transmitter on the same band. The best rigs for this purpose are the Collins (S-line or KWM-2) or the Drake (4-line or T4X). These old tube-type radios are becoming more and more reasonable these days.

At the next club meeting, I will make a motion for the club to spend up to a maximum of \$500 for 2 radios that serve the above purposes.

- N1AL



### TREASURER'S REPORT

FOR MONTH ENDING  
DECEMBER 31, 1987

ACCOUNT	REVENUE	EXPENSE
Activities		476.18
Dues & Initiations	28.00	
Donations	25.40	75.40
World Radio		60.00
Awards		138.03
Misc		24.50
Repeater	172.89	130.00
Newsletter	56.00	209.31
Member supplies	20.00	
Officers expenses		12.17
	-----	-----
	302.29	1125.59
ASSETS:		
General Fund Account		851.90
Cash/checks on hand		119.40
Total General Fund		971.30
Total Repeater Fund		1888.07
		-- de N6PTM

## WARNING! IBM TROJAN PROGRAM!

--Virus Invades Lehigh University--

The following is a very important warning to IBM PC/compatible users:

Last week, some of our student consultants discovered a virus program that's been spreading rapidly throughout Lehigh University. I thought I'd take a few minutes and warn as many of you as possible about this program since it has the chance of spreading much farther than just our University. We have no idea where the virus started, but some users have told me that other universities have recently had similar problems.

The virus: the virus itself is contained in the stack space of COMMAND.COM. When a PC is booted from an infected disk, all a user need do to spread the virus is to access another disk via TYPE, COPY, DIR, etc. If the other disk contains COMMAND.COM, the virus code is copied to the other disk. Then, a counter increments on the parent. When this counter reaches a value of 4, any and every disk in the PC is erased thoroughly. The boot tracks are nulled, as are the FAT tables, etc. All Norton's horses couldn't put it back together again... This affects both floppy and hard disks. Meanwhile, the four children that were created go on to tell four friends, and then they tell four friends, and so on, and so on.

Detection: while this virus appears to be very well written, the author did leave behind a couple footprints. First, the write date of the COMMAND.COM changes. Second, if there's a write protect tab on an uninfected disk, you will get a WRITE PROTECT ERROR... So, boot up from a suspected virus'd disk and access a write protected disk - if an error comes up, then you're sure. Note that the length of command.com does not get altered.

I urge anyone who comes in contact with publicly accessible disks to periodically check their own disks. Also, exercise safe computing - always wear a write protect tab.

This is not a joke. A large percentage of our public site disks has been gonged by this virus in the last couple days.

-Kenneth R. van Wyk, User Services Senior Consultant, Lehigh University Computing Center (215)-758-4988 {RISKS-FORUM Digest Monday, 30 November 1987 Volume 5 : Issue 67}

Tnx WH6C via N6IIU BBS

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### NEW BOARD MEMBERS

At the Board meeting in January Hoppy Bravin WD6CKP was voted in to continue as Repeater Chairman for 1988. Steve Schaffer KD6GC was named as Activities Chairman.

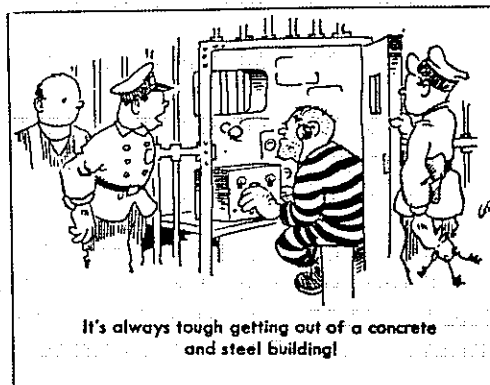
Congratulations (condolences?) to both on their new positions.

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### 1988 DUES

At the next meeting, the club will vote on a dues schedule for 1988. The Board will recommend no change from last year: \$12 full and sponsoring members, and \$18 family memberships. New members only have their dues pro-rated at \$1 a month (\$1.50 family) and pay a one-time \$4 initiation fee.

1988 dues are due March 1.



## RACES NEWS

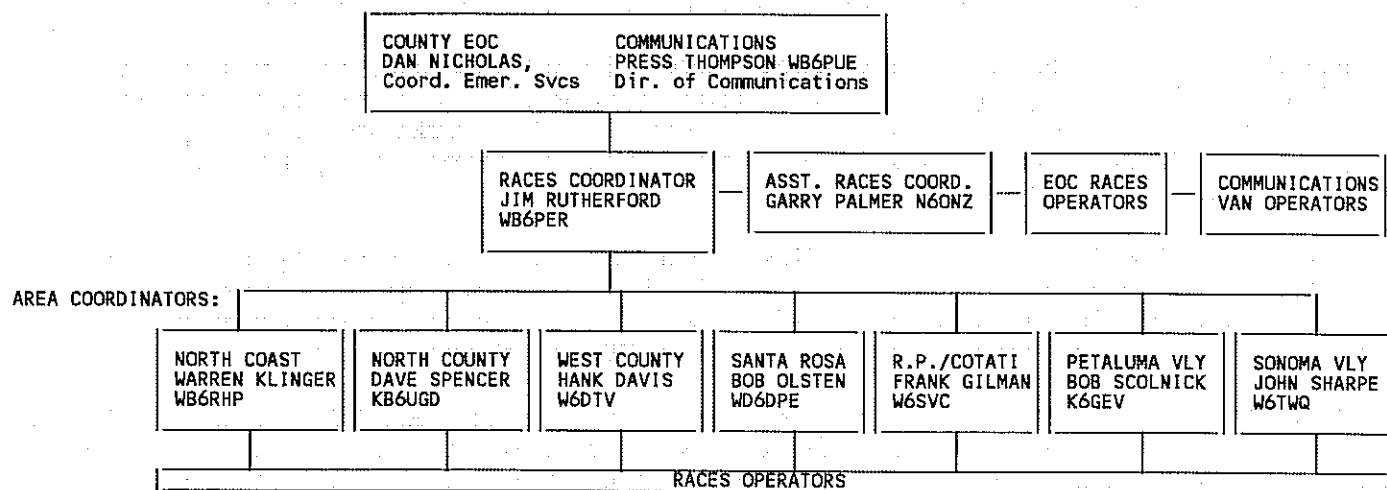


47 RACES members attended the general meeting of Sonoma County RACES on Jan 7, 1988. In addition, the new Sonoma Co. Coordinator of Emergency Services, Dan Nicholas, his Assistant, Rod Graham, and the Sonoma County Communications Director Press Thomsen attended.

Mr. Nicholas comes to us from San Francisco, where one of his jobs was to coordinate the RACES program. He reports he had a good relationship with the San Francisco Radio Club which was closely involved with RACES. Sonoma County is physically much larger than SF, so our program will be different from theirs.

He presented his idea of the ideal RACES organization. First of all, RACES is not a club. Its purpose is not to have picnics, entertainment, etc. Any such activities are purely incidental to its purpose. It is rather a group of hams who wish to volunteer their time in support of a group which is an integral part of the County Emergency Services organization, just as are the Sheriff's Dept, and the County Public Works and Health Departments. In fact, RACES is near the top in importance: even the best Incident Commander will be lost without good communications, while an inexperienced IC can do a good job with excellent communications.

Sonoma County is divided up into 7 areas. Each area has a number of critical installations. In a disaster, each of these should be manned by a RACES member. Ideally, RACES should be organized as follows:



Each RACES operator at one of the critical installations would route his information through his Area Coordinator to the EOC.

**TRAINING:** Mr. Nicholas feels that hams already know how to operate their radios, so technical training is not needed. Rather we need training in what to do in an emergency, such as: learning locations of the critical county installations. Another thing we need is some kind of distinctive identification for RACES operators such as hats, jackets or ??

COMMUNICATIONS VAN: Most disasters are of a more local nature than the big 8.5 earthquake or a nuclear attack. For chemical spills, airplane crashes, etc, we need a "mini-EOC on wheels" to respond. It should have radios of all local agencies including Sheriff, CHP, Fire Service, Coast Guard, CDF, Caltrans, State OES, Local Government, etc. with antennas and emergency power. It needs to be ready on a moment's notice 24 hours/day, 7 days/week. Unfortunately, the County can't afford to hire a 24-hour-a-day professional staff. VOLUNTEERS ARE NEEDED: 2 people on a rotating basis to drive, operate, and maintain the van and radio gear. They will be issued pagers, portable radios, and ID, and should be able to respond at any time. Five volunteers came forward at the meeting, but at least 5 more will be needed.

We now have a Winnebago RV, a couple years old. Money is available to fix the leak in the roof, install cabinetry, etc. Press indicates he will do what he can to install radios. Hopefully, RACES members can assist. The Sheriff has indicated he likes the concept, and will use this resource. Others who have been approached have also indicated support. The van is currently housed at the airport, and this will probably be its permanent location.

At this point, the meeting was turned over to Chief RACES Radio Officer Jim WB6PER. Certificates of recognition were awarded to Press Thompsen WB6PUE, Bob Scolnick K6GEV, Bob Olsten WD6DPE, Glen Crownover N6DNB, and Warren Klinger WB6RHP. A plaque was awarded to Garry Palmer N6ONZ. Finally, N6ONZ presented certificates to Jim Boyett WN6D and Jim Rutherford WB6PER, and an "Adoption Certificate" to Dan Nicholas.

WB6PER then addressed the group. Over \$5000 was raised in the past year for new RACES equipment, including handhelds, 2 complete packet stations (one portable), a digipeater/BBS on Mt. Jackson (144.91), 220 gear, etc. Those who helped in the fundraising were Garry N6ONZ, Press WB6PUE, Glen N6DNB and Jim WB6PER.

QUESTIONS FOR DAN NICHOLAS: How does this new non-county-owned gear fit into the program? As long as we don't get hung up on "ownership", there should not be a problem. After all, for years, most of the equipment used in emergencies has been RACES members' personal gear.

What are the training and other requirements for RACES membership? No concrete proposal yet. As of right now, membership = those who either came to this meeting or contacted the EOC to say they couldn't come. In future, we of course want people to be technically qualified, and newcomers will go through an orientation to make sure they understand the way the organization is set up and the Federal rules and regulations. Would expect that most new members would come recommended by their Area Coordinator.

Will there be any geographical restrictions on Comm. Van volunteers? No. If one of the 2 on a shift lives way out on the coast or somewhere, we'll have to make sure that the other volunteer can get to the van quickly.

The meeting ended at 8:05 (about a 1-hour meeting). -- de N1AL





Since the roll call was dropped from the Tuesday nite net, there seems to be very little activity or interest. Swap Shop, Westlink, sometimes a club officer, and now and then a bulletin from ARRL.

If only 4 or 5 amateurs are active with the net, it would save the club money for Westlink, and time for the other amateurs that do help out for the net.

Perhaps going back to roll call may spark up interest. If they check in, they may stick around and listen to what is going on. Making the roll call into three or four parts may speed it up.

Information about the club, dates for tests, notes on future club programs, information on public service, there is no end to what can be done to boost activity and interest on Tuesday nite nets. One bad practice that has taken place lately is that other activities seem to be scheduled at the same time as the net.

We need help to revive the Tuesday nite net. Can someone come up with an idea?

- W6DTV

## FIELD DAY

The good news is that we have confirmed the Two Rock Coast Guard station site for June 25-26. The bad news is that Gene W2EBG will not be able to be FD Chairman this year. Steve KD6GC and Al N1AL will share the job. We hope to combine a competitive effort with opportunity for everyone to operate and have a good time.

- N1AL

## EMERGENCY RESPONSE INSTITUTE UPDATE

THE EMERGENCY RESPONSE INSTITUTE TO BE HELD MARCH 26-27 IN CUPERTINO STILL HAS ABOUT 50 SEATS LEFT. IF YOU'VE BEEN PROCRASTINATING ABOUT SIGNING UP UNTIL AFTER THE HOLIDAYS, NOW'S A GOOD TIME TO SIT DOWN AND GET A CHECK OFF TO US. REGISTRATIONS CONTINUE TO COME IN AND WE'D LIKE TO HAVE YOU THERE, TOO! THIS YEAR'S ERI PROMISES TO BE BIGGER AND BETTER THAN LAST YEAR WITH A BBQ ON SATURDAY NIGHT AS WELL AS NEW COURSES AND SPEAKERS. A FULL AGENDA FOR THIS YEAR'S ERI IS AVAILABLE ON BBS' OF THE WESTNET SYSTEM.

GET YOUR CHECK OFF TODAY!!  
SEND YOUR \$20 REGISTRATION TO:

SVECS-ERI  
C/O DAVE LARTON, N6JQJ  
766 EL CERRITO WAY #D  
GILROY, CA 95020-4149

IF YOU SEND IN A CHECK DURING THE MONTH OF JANUARY I'LL GUARANTEE YOU A SEAT.

IF YOU HAVE QUESTIONS PLEASE CALL ME AT (408) 847-3605 AND LEAVE A MESSAGE ON MY RECORDER.

LOOK FORWARD TO HEARING FROM YOU!

DAVE LARTON N6JQJ, ASM/TRAINING  
OFFICER, SANTA CLARA VLY SECT., ARRL  
(Via N6IIU BBS)

## SILENT KEY

Clarence Field WB6KMI passed away Wednesday morning, January 20, 1988. "Foot" worked for many years at Mare Island, and was one of the original Flying Tigers. 73, OM....

# H. S. C. ELECTRONIC SUPPLY

6819 Redwood Avenue  
Cotati, CA  
792-2277

**NOW OPEN**

on

**SUNDAY**

**10 a.m. to 2 p.m.**

Come in and get that special item you need to complete your weekend project!



**COMING SOON !!**

## MFJ MULTI-MODE DATA CONTROLLER

We are expecting shipment of the new MFJ Multi-Mode Data Controller at any time. It gives you:

\*\* Packet 7 DIGITAL MODES  
 \*\* RTTY for only  
 \*\* ASCII \$ 249.95  
 \*\* CW  
 \*\* NEFAX  
 \*\* SSTU  
 \*\* Contest Memory Keyer

## DELCOM RADIO SPECIAL

DELCOM 2-METER HAND HELD RADIO  
FOR \$ 175.00

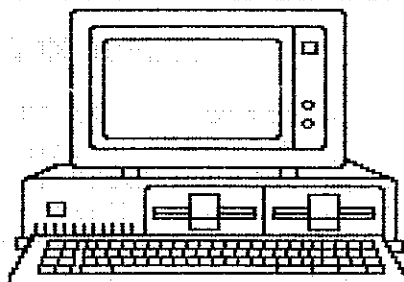
Special being advertised only in Short Skip for month of February.

Bring this advertisement in to get the special price of \$ 175.00.

Radio comes with: antenna, 500 MA battery pack, AC charger. Fully synthesized. Accessories available.

**NOW IN  
STOCK...**

**MFJ  
RS 232  
BOARD**



**FOR C-64/VIC-20  
\$ 39.95**

## DISKS...DISKS...DISKS...DISKS..

5 1/4" DS/DD  
Soft Sector

High quality, 10-pack  
including  
sleeves, labels, write protect tabs

**\$ 4.90**

## PUBLIC DOMAIN SOFTWARE

We now have a good supply of IBM Compatible Public Domain Software.

## WINTER STORE HOURS:

**MONDAY TO FRIDAY**

**9 am to 6 pm**

**SATURDAY**

**9 am to 5 pm**

**SUNDAY**

**10 am to 2 pm**



## NEWS of Amateur Radio

**DOES HAM RADIO CAUSE CANCER?** Press reports nationwide cite an article in the American Journal of Epidemiology by a Dr. Samuel Milham which claims to show a correlation between exposure to RF and cancer. An editorial in Oct 1985 QST said that an earlier version of this study had been criticized as being methodologically flawed. (ARRL)

Your Editor has contacted Dr. Milham for a copy of his article. We will report on it next month.

**NEW 6 METER EME RECORD.** On Jan 5, 1988, WA4NJP in Georgia contacted K6MYC/KH6 in Hawaii via the moon for a new distance record. This was the 9th 6-meter EME QSO to date. (ARRL)

Local hams WA6MXI/K6QXY have heard their own and others' echos on 6 m, but have not yet made a 2-way.

**NEW PRES. FOR VOMARC.** In Sonoma, The Valley of the Moon Club's new leader is Randy Larson KB6PKQ. A new ham as of Jan '87, Randy upgraded to Extra in less than a year. (VOMARC)

**NEW EDITOR OF RAIN.** In Humboldt Co, 4 clubs (Humboldt ARC, Far West AR Rptr Assn, So. Humboldt ARC, and the Humboldt Packet Radio Soc.) publish a FB joint newsletter, the Radio Amateur Info. & News (RAIN). After 142 issues, Pete Spruance KE6LF is replacing Tom Monroe W6GGR. (RAIN)

Thanks to the ARRL Letter, Radio Amateur Info and News, and VOMARC Newsletter for the above info.

## STOLEN!

If anyone tries to sell you a Kenwood 7850 2 meter rig, check the serial number. KD6XF Bud 763-2119 had his removed from his home. Serial # 2050135. Tnx W6DTV

## WORKING ON WORKED ALL STATES?

The Century Club net meets on 3905 kHz (plus or minus) at 8:30 PM, and runs several hours. Jot down the RST and callsign you need. They open the net for check-ins at different times. Interesting!

- Tnx W6DTV

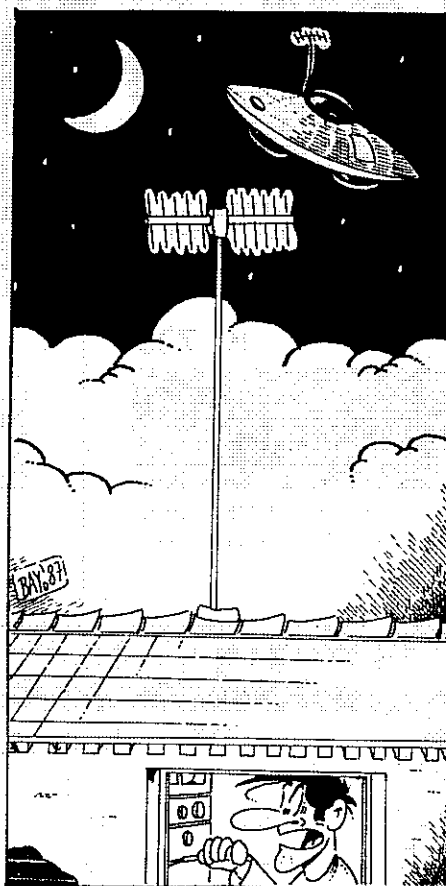
## NEW 610 FORM

TO REQUEST FCC FORM 610'S DATED SEPT. 1987, MAIL NAME/ADDRESS TO:

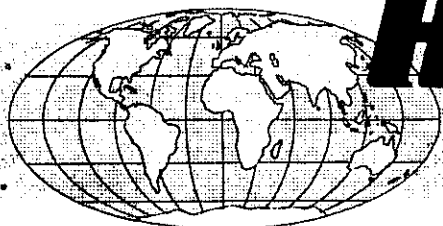
FEDERAL COMMUNICATIONS COMMISSION  
SERVICES AND SUPPLY BRANCH  
ROOM B-10  
1919 M STREET NW  
WASHINGTON, DC 20554

73 GORDON W6NLG (via N6IIU BBS)

cq-DL 12/87



"VE1NUS? That's funny, Canada never comes through at this time of day!"



# HAM RADIO OUTLET

LARGEST HAM OUTLET IN THE WORLD

FEB. ICOM MONTH!

## 7 STORE BUYING POWER

### ICOM IC-761

HF SUPERIOR GRADE  
TRANSCIVER

SALE! CALL FOR PRICE

### ICOM A Models 25W, H Models 100 W

IC-275A/275H, 138-174 MHz  
IC-375A, 220 MHz  
IC-475A/475H, 430-450 MHz



GREAT PRICE!

### ICOM IC-900 MULTI-BAND MOBILE



YOU CAN OPERATE SIX BANDS  
WITH ONE CONTROLLER!  
2 MTR 25/45W, 440 MHz 10 MTR, 6 MTR,  
220 MHz & 1.2 GHz 10 MEMORIES  
ARE YOU READY FOR  
1.2 GHz OPERATION?

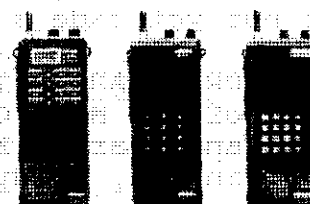
### ICOM IC-28A/28H

2-METER MOBILES  
IC-28A (25W) IC-28H (45W)NOW!  
IC-38A  
220 MHz

## FEB. ICOM MONTH!

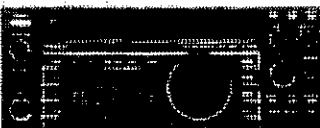
6th ..... Oakland  
13th ..... Van Nuys & Phoenix  
20th ..... Anaheim & San Diego  
27th ..... Atlanta & Burlingame

### ICOM HAND-HELD VHF/UHF



IC-02AT IC-2AT 2MTR  
IC-03AT IC-3AT 220 MHz  
IC-04AT IC-4AT 440 MHz

### ICOM IC-735

The Latest in ICOM's Long  
Line of HF Transceivers

CALL FOR LOW LOW PRICE!

### ICOM IC-R7000



25 MHz-1300 MHz

GREAT PRICE!

### ICOM IC-u4AT/u2AT

440 MHz, 2MTR

Mini  
Hand-Held  
AT Model  
w/ TT Pad  
GREAT  
PRICE!

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San Diego Fwy.  
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FREE  
SHIPMENT

# 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)

MONITOR RECEIVER 148-178 MHz \$35.  
Aaron KA7YXF 829-2562.

SANTEC ST144 2 mtr HT, dig readout,  
progr. P/L, manual, spkr mic, drop-  
in charger, 2 bat packs used \$125.  
N6MHH Barry 539-6833.

POWER/SWR METER, 10/100/1000 Watts,  
2-30 MHz. W6GFY Van 544-3485.

MFJ 1225 RTTY/CW \$40. Software and  
interface for Atari \$25. Interface  
board for Color TRS-80 \$25.  
AUTEK Audio Filter \$35. MFJ 751  
audio filter \$45. WB6ZRP 578-1927.

KSR-33 printer, floor stand, may  
need work. John KA6DJY 544-5330.

HEATH RLC Bridge, battery op'd \$25.  
COAX SW 5 pos \$10. EICO VTVM \$19.  
PACO GRID DIP meter \$7.50.  
DRAKE LOW PASS filter 100 Watt \$5.  
CENTURY 21 CW transceiver, good for  
Novice \$150. Hank W6DTV 823-7885.

FLESHER TU470 RTTY/CW term unit \$85.  
DOW KEY Antenna relay \$10 each.  
TURNER 250 Mic Hi-Z PTT \$25. 30-  
sect indexer \$15. Hardware & coax.  
SYLVANIA #140 Tube Tester \$20.  
C-D Capacitor Substitution Box \$5.  
HAMMARLUND HX500 w/ext. supply \$50.  
HALLICRAFTERS S-46B spkr \$5. FERRET  
Sig Gen \$5. Bill K6TCD 539-1489.

YAesu FT-101, new finals, CW filter,  
mic, pwr cords, manual, box \$250.  
KENWOOD TR-2400 2 mtr HT, spkr, mic,  
charger, extra bats, man., box \$150.  
NY70 Larry 833-1155.

COMPUTER: NEC 8201A, extra 64k mem,  
TP modem, bar code reader, software,  
books, service manual, case, printer  
cable \$400/trade. Bob WU6W 578-8480

### EVENTS CALENDAR:

Don't forget SCARS nets on Tuesdays.

### FEBRUARY:

- Jan 30-Feb 7 - Novice Roundup  
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  
12 - Foothill College Flea Market  
26-27 - CQ WW Prefix Contest, Phone

### APRIL:

- 10 - March of Dimes Walkathon  
16 - NARCC Meeting, Carmichael  
29-May1 - Dayton Hamvention

JUNE: 25-26 - Field Day

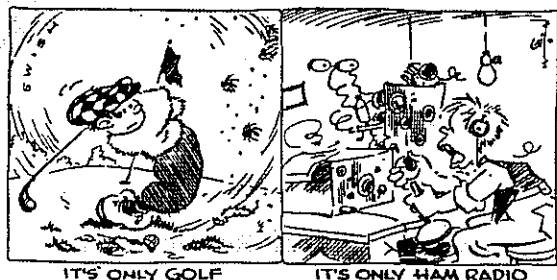
### SEPTEMBER:

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

### NOVEMBER:

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

VE EXAMS HOTLINE NR: 408-984-8353



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Friends  
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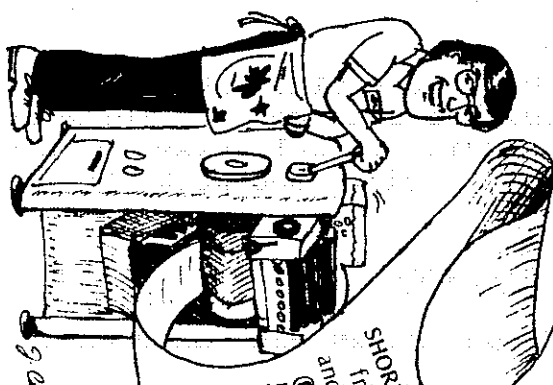
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(Behind Carns Restaurant — Lakeside Shopping Center)



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Address Correction Requested