

SHORT SKIP

Sonoma County Radio Amateurs, Inc.



Club Station

P.O. Box 116

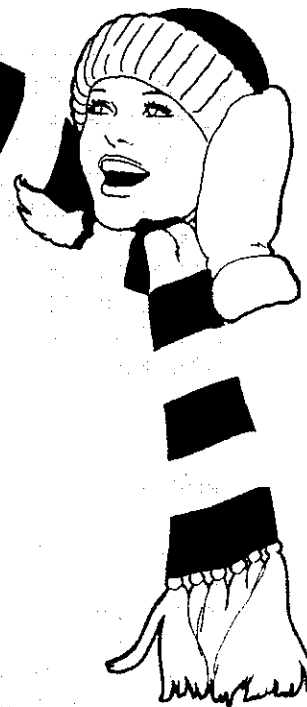
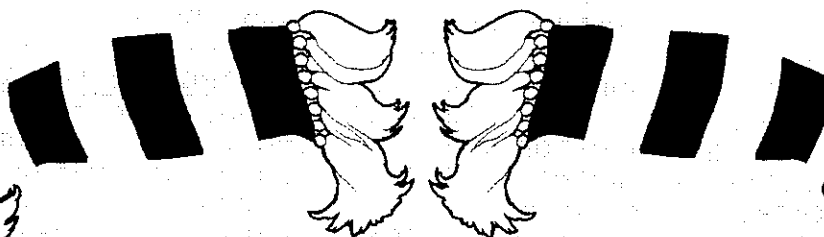
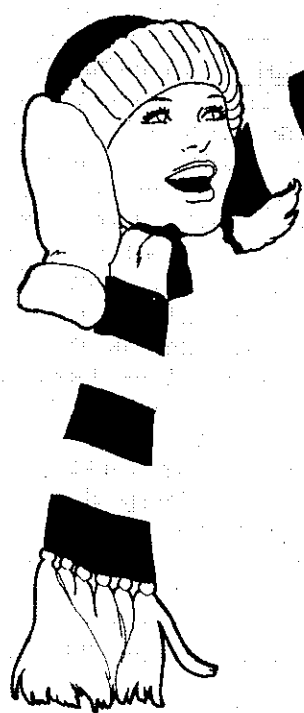
Repeater Station

DECEMBER 1986 W6LFJ

Santa Rosa, CA 95402

WB6PVS

VOL 11 # 12



CHRISTMAS PARTY 1986 !

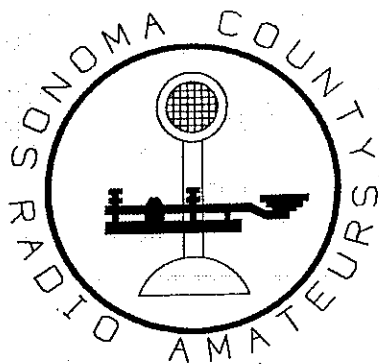
COME AND JOIN THE FUN (See page 4)



GOODIES !



GIFTS !



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

PRESIDENT:	George Shedore	KS6W	838-6102
VICE PRES.:	Bob Olsten	WD6DPE	546-5593
SECRETARY:	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	
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. RELATNS: 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 WW6D
 VOL EXAMINERS: WA6ACX N1AL K6ANP

WW6F AG6C WD6CKP WN6D WW6D
 W6DTV KF6FX WB6FRZ WA8LLY

EDUCATION: George Shedore KS6W 838-6102
 N6KZS Phil, WA8LLY Steve, WB6PDP Joel
 PROGRAM CHAIRMAN: Bob WD6DPE 546-5593
 AWARDS CHAIRMAN: Steve Lund WA8LLY
 MBR-OF-YEAR CHAIR: Ken Harrison N6MHG

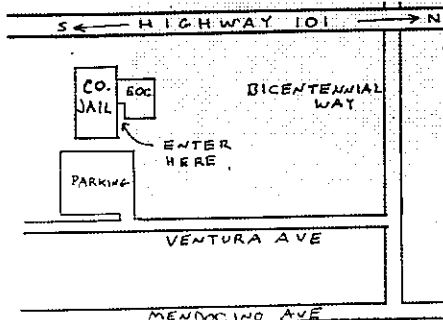
-----REPEATER COMMITTEE-----

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).
 NO CLUB MEETING IN DECEMBER
 CHRISTMAS PARTY DEC 6 (see article)

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.)



-----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, NOVEMBER 5, 1986



Meeting was begun at 7:35 by George KS6W, President.

VISITORS: Susan Donner (no call), Joe Panaro KA6HEZ, Phil Gonzales KA6SMN, Lewis Kimball WA6DGK, Jud Spruce (no call yet), Stu Clark WA6BTK, Brian Wall KB6UTJ (new member), Bob Damon W6IBM, and Amos Bante OH2NB. INTRODUCTIONS of the membership followed.

UPGRADES or NEW CALLS: Judd received Novice and is waiting for his call sign. Garry KB6MXZ made Tech. Phil KB6NEY made Tech.

ELECTIONS for the 1987 officers followed. Nominations: President: Connie N6FYV. Vice-President: Russ N6KMJ, Bob WD6DPE. Russ was elected. Secretary: Susan N6IRJ. Treasurer: Barry KB6MXZ, Carolyn N6KLR. Garry was elected. Members-at-Large: Ken N6MHG, Jim WB6PER, Don WA6ACX, Brian N6IIY, Don KD6HQ. Don WA6ACX and Brian N6IIY were elected.

The MINUTES of the October meeting were approved (m/s N6KMJ, KD6GC).

COMMUNICATIONS: The club received an ARRL Certificate of Merit, presumably for the P/R on Field Day.

TREASURER'S REPORT: General fund = \$1565, Repeater Fund = \$1461. The report was approved as read (m/s N6KMJ, WB6RHP).

REPEATER COMMITTEE: Recommendations are being sent to the Board, and the Club will be informed at the next meeting.

EDUCATION COMMITTEE: Three classes are in progress currently. A test will be given on December 13 for those wanting to try for a license.

RACES: Oct 21 and 22 drill went really well, utilizing the new hams and packet. We now have 165 hams that have gone through the RACES training.

PUBLIC RELATIONS: A volunteer is needed to take it over in January.

PUBLIC SERVICE: 1) Diabetes walk: 14 helped; Steve has the T-shirts. If you haven't received yours yet, contact him. 2) Snoopy Run: 9 helped, T-shirts were given out and a bottle of wine for all who helped. Be sure to volunteer for the next event!!

ACTIVITIES: Discussion was held on what the club wanted for the Christmas Party. It was voted to allow \$400 for the turkey, mixers and prizes. There would be a charge of \$1 per member and \$3 per non-member (m/s WB6PER N6IRJ). It will be a potluck (bring an entree and salad or vegetable and dessert), and we will have a gift exchange (\$3.00 value).

We all sang HAPPY BIRTHDAY to May N6GZV when she arrived.

A NET CONTROL for November is needed. Steve KD6GC volunteered.

BADGES were distributed by Hank W6DTV.

A TEST SESSION will be held on December 13, at the Sebastopol Fire House, beginning at 9 AM. You need to have a 610 form, copy of current license, and \$4.25. Contact Hank at 823-7885.

OLD BUSINESS:

FLEA MARKET: We made more money (almost \$800) and sold more tables this year than last year.

NEW BUSINESS:

MEMBER-OF-THE-YEAR AWARD: Nominations will be accepted until the end of the club meeting tonight. The committee will be meeting to make a decision.

Hewlett-Packard in Santa Rosa now has a station on the air. They have a Kenwood 430, 2-meter ICOM, 2-meter beam, 22' all-band vertical, terminal (for packet at a later date). Equipment was all bought by HP and space allocated in building 1U.

MEMBERSHIP LOTTERY: \$22.50 would have gone to N6KLU, but he left earlier, too bad!!

RAFFLE: Brought in \$33 tonight.

The meeting was adjourned at 9:15 (m/s WB6RHP, N6MHG).

-- Submitted by Kathi Boyett, Secretary

NEW OFFICERS FOR 1987

PRESIDENT: Connie Freitas N6FYV
 V. PRESIDENT: Russ O'Neill N6KMJ
 SECRETARY: Susan Schuyler N6IRJ
 TREASURER: Garry Palmer KB6MXZ
 MEMBERS-AT-: Don Osborne WA6ACX
 LARGE: Brian Torr N6IIY

MANY THANKS to the Nominating Committee for their efforts to find outstanding candidates. Members were: Hank W6DTV, May N6GZV, Steve WA8LLY, and Warren WB6RHP.

-- N1AL

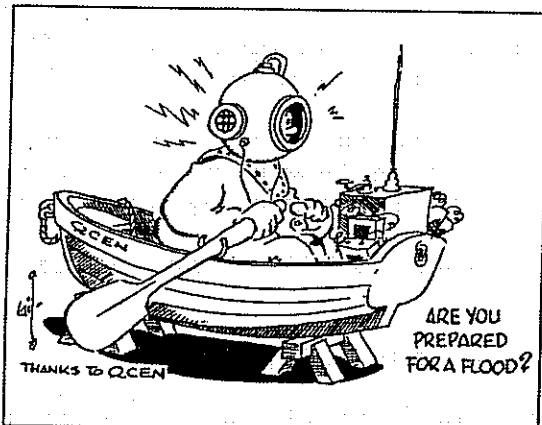


TREASURER'S REPORT
 FOR MONTH ENDING
 OCTOBER 30, 1986

ACCOUNT	REVENUE	EXPENSE
Coffee & Donuts	4.20	
Dues & Initiations	43.00	
Fund raising event	100.00	
Raffle	21.00	
Badges		37.96
Miscellaneous		20.00
Short Skip Expense		87.23
Westlink		48.38
	<u>168.20</u>	<u>193.57</u>
NET LOSS		25.37
ASSETS:		
General Acct (Exchange Bank)	1565.06	
Rptr Fund (Northbay Savings)	1461.70	

TOTAL ASSETS:	3026.76	

-- de KA5LGC



CHRISTMAS PARTY!

A traditional Christmas party is planned this year at the traditional place: The Windsor Mobile Home Park clubhouse. **Date:** Saturday December 6. **Times:** 5-6 PM Setup, 6-7 Mix & Mingle, 7-8 Eat, 8-8:30 Awards presentations, 8:30-9 Gift exchange and member-only drawings, 9-10:30 Live music, dancing, and socialization, 10:30-11 Cleanup/Departure.

Price: \$1 for members and immediate family, \$3 non-members. Kids under 18 free. **Food:** SCRA provides the turkeys (Willi-bird's pre-cooked), and mixers. BYOB. Pot luck dishes will be "pot luck" this year: no pre-assignments. Bring one of the following: Salad, vegetable, bread/ butter, stuffing, gravy, potato, cranberry sauce, rolls, dessert. Also bring your own table setting.

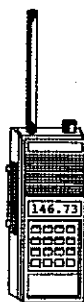
Gift Exchange: Everybody (not only members) bring an inexpensive (less than \$3) exchange gift: Males bring male gift, females a female gift, and children a child's gift. Label the gift as to which kind it is!

There's a rumor that Santa Clause may appear again this year. Let's all keep our fingers crossed!

DIRECTIONS: From Santa Rosa, take Hwy 101 North, exit at Windsor exit. Turn left at the stop sign, and go under the freeway. Take the next left, then turn left again. You are now traveling South parallel to the freeway. Pass the Windsor Water Works, and the mobile home park is on your right. Drive in the main (second) entrance and the clubhouse will be ahead and to your left.

IS IT LEGAL?

A CB'er has stolen a two meter FM rig out of a local ham's car, and is using it to broadcast obscenities using the handle "Dr. Bizzaro". Is it legal to lay a carrier on the repeater input to prevent this trash from appearing on the repeater output? (Answer on page 6)

REPEATER NEWS

At the November Board mtg. (joint session with old/new boards), it was decided to accept the Repeater Committee's recommendations on disposition of the Repco repeater.

We will attempt to transform it into a two-channel repeater. Since the transmit/receive PC boards already have provisions for this, it should be a fairly simple mod. The two frequencies used will be 146.13/73 and an adjacent channel. In this way, we quickly can switch from one freq to the other without retuning the duplexers.

Primary use of the machine will be as a backup in case the 146.73 repeater on Sonoma Mt. goes out. Secondary use will be as an additional repeater on the adjacent channel to be used in emergencies.

The machine will be stored in the RACES room at the EOC with any additional equipment required to make it operational (antenna, feedline, mast, etc. and possibly the club's small 3kW generator.)

The Board voted that up to \$150 may be spent by Hoppy WD6CKP to finish fixing up the 3 kW generator.

-- N1AL

**THE FORUM****HOW LONG SHOULD I TALK ON THE REPEATER ?**

We've had some complaints lately about some people being too long-winded on the repeater. It's all very well and good to say, "But I pause after each transmission to let others break in". The problem is that most people don't feel comfortable breaking into an on-going QSO unless they have an emergency. Yet they have a right to use the repeater too.

How long is too long? Well, of course, it depends on the time of day and usage level of the repeater, but we've had reports of QSO's lasting over an hour and a half! That's too long at any time of day or night. During rush hour, even 5 minutes may be a big percentage of someone's commute. At these times, we often go into a "round table" with everyone on the repeater transmitting in his turn.

Repeaters are not really meant for long-winded ragchewing. Many of these QSO's could easily be handled on simplex, and if so, there is just no excuse for tying up the repeater.

-- N1AL

SNOOPY YOUNG AT HEART RUN

On Saturday, October 26, nine individuals helped provide communications for the Snoopy Young at Heart Run. The organizers estimate that there were over 2000 participants in the race.

First place in the men's and women's divisions each won a trip to Hawaii. We had radios stationed at the beginning/ending point, at each mile marker, at the turn-around point for the Half Race, and one as a rover/backup. Each amateur was given an original designer T-shirt (created by Charles Schultz himself) and a bottle of Geyser Peak Zinfandel wine.

Many thanks to the following people who helped: Dale N6MRV, Candy N6NTB, Al KD6NT, Warren WB6RHP, Hans KH6HXP, Bob WD6DPE, Steve KD6GC, Jim WN6D, and Kathi WB6UAZ. Hope to have more eager volunteers for the next event!



NEWS of Amateur Radio

PACKET NEWS

RE-TESTING OF SEVERAL AMATEURS is being required by FCC in the Volunteer Exam scandal. Two unidentified Dallas, TX hams have reportedly refused to take the exams over and are suing all involved, including FCC, on unknown grounds. Meanwhile, the W5YI VEC has revoked the VE accreditation of one of their southern Calif VE's. (Westlink)

CREDIT FOR WRITTEN EXAMS will now be allowed for those who fail the code. The certificate is good for 1 year. (Code credit certificates have been available for some time for those who fail the written.) The change will go into effect Dec 15. (ARRL)

MORE HAMS THAN EVER are now licensed in the US: 421,082, up some 8,500 over last year. The number of newcomers is up 21% while the dropout rate is down about 15%. Upgrades are up 9.5%. (Westlink)

WORLDWIDE BEACON SCHEDULE: There are 9 crystal-controlled beacon stations on 14.100 that each transmit for 1 minute every 10 minutes. Each sends a series of four 9-second dashes using 100W, 10W, 1W and .1W. This gives a convenient way of instantly appraising worldwide 20M propagation. For more info, see June 1983 QST page 27. (ARRL)

Time	Station	QTH
00	4U1UN/B	NY
01	W6WX/B	CA
02	KH6O/B	Honolulu
03	JA2IGY/B	Japan
04	4X6TU/B	Israel
05	OH2B	Finland
06	CT3B	Madeira Is.
07	ZS6DN/B	S. Africa
08	LU4AA	Buenos Aires

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

A SATELLITE MODEM suitable for FO-12 has been designed by G3RUH. Its digital AFC follows satellite doppler shift is compatible with "all known ICOM, TRIO, and YAESU standards", adjustable for 10-100 Hz/step. The unit uses standard CMOS and LSTTL parts. Your TNC must have provision for bypassing its internal modem. Order the PC board from AMSAT-UK, LONDON E12 5EQ, England. Price \$17.50 airmail. For instructions only send sase or 2 IRCs.

THE ARRL REPEATER DIRECTORY will include packet systems in the '87-88 edition. Only "major systems" that are operational 24 hours a day will be listed. Include following info: State, QTH, Frequency(s), Address, Sponsor, Source, Notes. Under Notes include System type (gateway, BBS, digipeater etc), Coverage area, and Link(s) (if you are a single-hop link between 2 or more digipeaters).

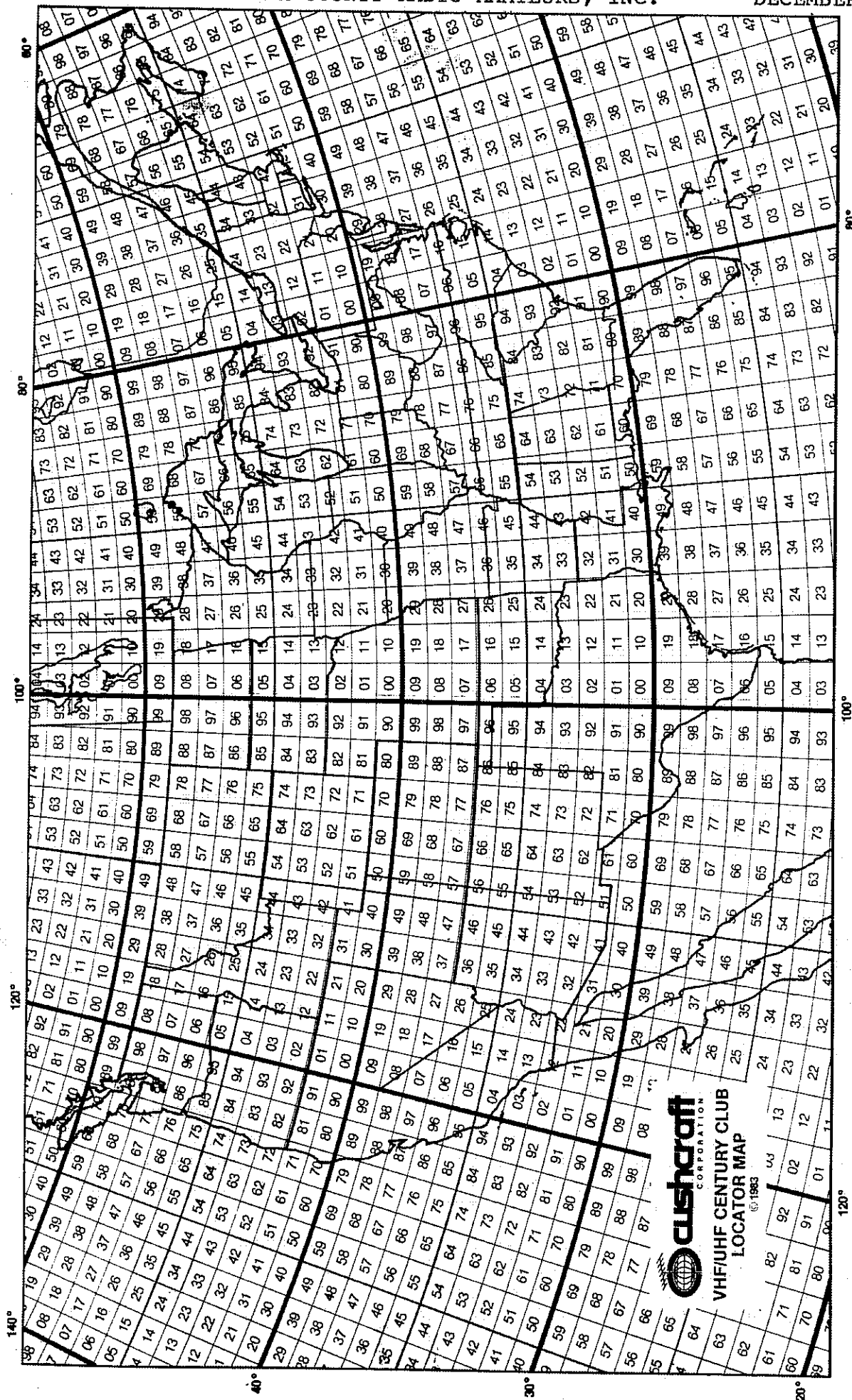
WØRLI BULLETIN BOARD SOFTWARE will now run on an IBM PC! This is rather amazing as the WØRLI program was written to run under CP/M on a Xerox 820 computer. KØVLD has written a conversion program that emulates a Z-80 processor and the CP/M and BIOS in a Xerox 820. The advantage over re-writing the WØRLI program for the IBM is that any future upgrades can be incorporated easily. For a copy of the emulator and WØRLI programs, send a blank diskette and a prepaid diskette mailer to: Andy Freeborn NØCCZ, 5222 Borrego Dr., Colorado Springs, CO 80918.

Thanks to ARRL's Gateway newsletter for permission to reprint.

ANSWER TO "IS IT LEGAL"

From FCC rules, paragraph 97.125:

"No licensed radio operator shall willfully or maliciously interfere with or cause interference to any radio communication or signal."



SCRA CLUB BULLETIN BOARD

SCRA now has a club bulletin board on-line. Provided free of charge, courtesy of HSC Electronics, it is available 7PM-9AM weekdays and from 5:30 PM Saturday to 9AM Monday. Phone number is 792-2357 (300 or 1200 baud, 7 or 8 bit, even parity).

When you call up, send a couple returns to get the connect message. It will ask for your name/password. Once you enter the "Main Section", type a "?" to list the available commands. An "M" gets you into the Message Section, where another "?" will list the message commands. SCRA is in message Area #5.

In addition to SCRA items, other sections list HSC specials, Fidonet mail (nationwide), San Francisco Bay area mail, etc.

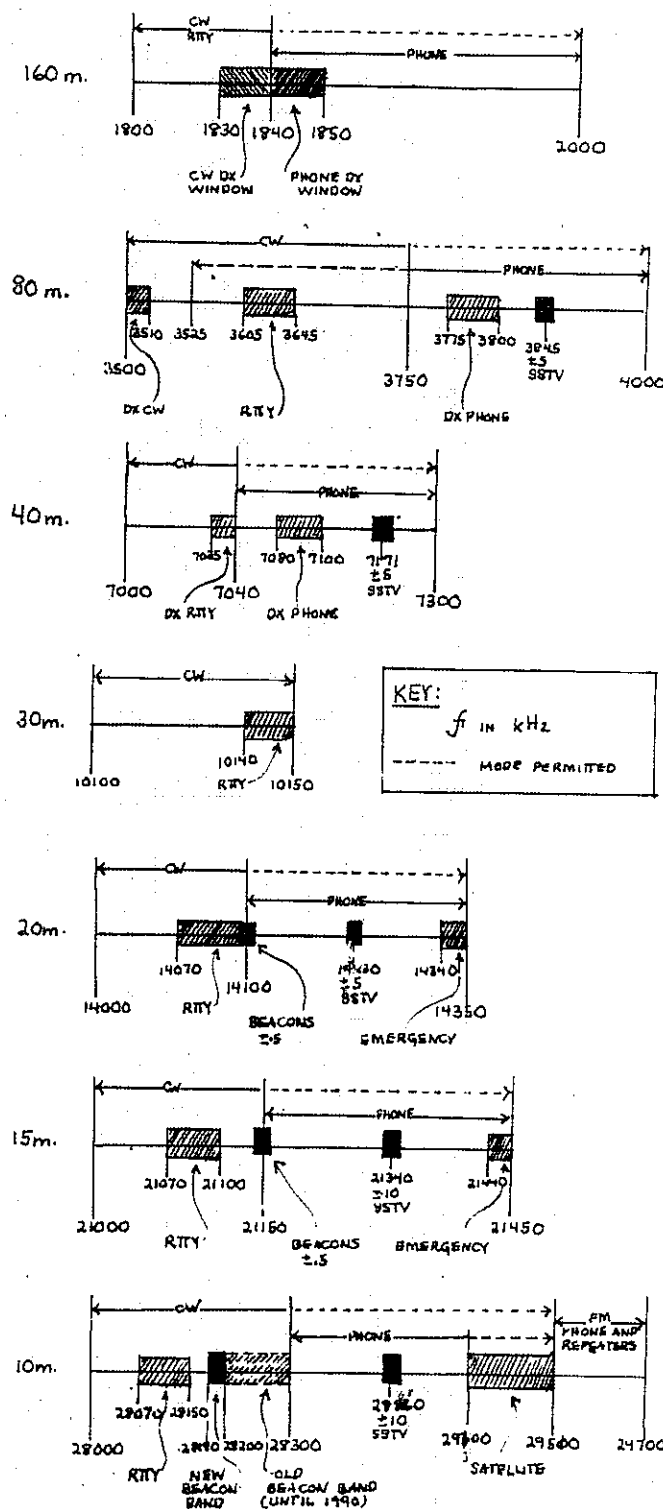
PACKET BEACONS

Beacons are a major cause of congestion on the packet radio frequencies. Here are some suggested rules from KE3Z at ARRL:

1. Beacon only to serve a specific need that can't be served by leaving a message on the local BBS system.
2. If your TNC permits, use a mode that avoids beaconing on a busy channel. (Use the BEACON AFTER command rather than BEACON EVERY.)
3. Set the beacon timer to the maximum value possible. There is seldom a need for a beacon that is repeated more often than once every 15 to 20 minutes, except for CQ's.
4. Never put a bell character in a beacon. There's nothing more annoying than listening to your terminal ring every 5 minutes from a beacon.

Following these simple rules isn't very difficult. Trying to operate on a channel crowded with beacons is. (Tnx Gateway Magazine)

The IARU Region II Recommended HF Band Plans from the IARU Region II Conference, Buenos Aires, Argentina, October 1986

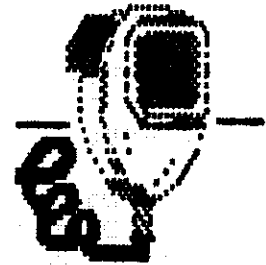


• TDXB November 1986

(Thanks, The DX Bulletin, VP2ML)



H.S.C.

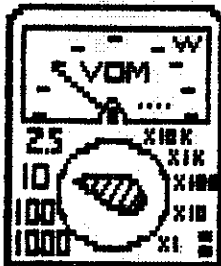


ELECTRONIC SUPPLY

6819 SOUTH SANTA ROSA AVENUE - COTATI
792-2277

ONE BLOCK SOUTH OF NEW K-MART IN ROHNERT PARK

MFJ	1270 PACKET TNC	\$139.00
AVANTI	On-Glass 2 Meter Antenna	\$42.50
LARSEN	2 Meter 5/8 Wave Mag-Mount Complete	\$37.00
ALINCO	2 Meter Hand-helds and Mobile rigs	
COM-SPEC	Touch-Tone Encoders	
REGENCY/BEARCAT	Scanners	

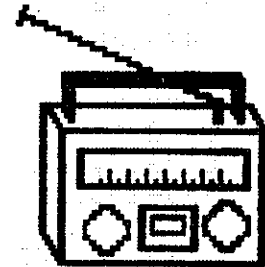


CONSIGNMENT NOW TAKEN

ON AMATEUR RADIO GEAR!

PHONE IN YOUR ORDERS,

DELIVERY BY NEXT-DAY UPS!

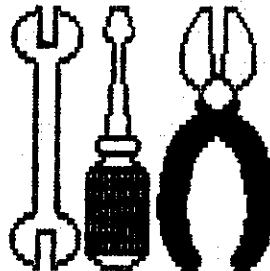


WE STOCK THE MAJOR PRODUCTS & BRANDS

MIRAGE LINEARS, KLM ANTENNAS, ARRL PUBLICATIONS, VAN GORDEN ANTENNAS,
DICK SMITH PRODUCTS, LARSEN ANTENNAS, TAB BOOKS, AND MANY MORE!

COME VISIT OUR COMPUTER & HAM ROOMS

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!



NEW MEMBERS SINCE SEPTEMBER

Don Prescott
2432 Valley West Dr.
Santa Rosa, CA 95401
525-9063

Phil Dager
7036 Overlook Dr.
Santa Rosa, CA 95405
539-8192

Stu Clark WA6BTK
1716 Hurlbut Lane
Sebastopol, CA 95472
829-5551

Bart Holmes KA6HGW
2818 Cochina Ct.
Santa Rosa, CA 95401
528-3955

Bob Dawson KA6THB
225 Decker St.
Santa Rosa, CA 95401
542-4885

Michael Schumacher KF6YL
5822 Lowell Court
Cotati, CA 94928
795-2555

Brian ? WB4UTJ
Rohnert Park, CA

We now have 165 members

EVENTS CALENDAR:

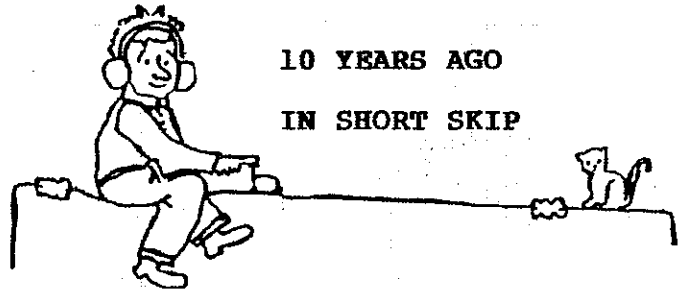
(Dont forget SCARS net every
Tuesday at 7:00 PM on 146.13/73)

Dec 1 - RACES etc. Net, 7:30 PM
Dec 5/7 - ARRL 160 Meter Contest
Dec 6 - SCRA Christmas Party
Windsor Mobile Home Pk.
Dec 13/14- ARRL 10 Meter Contest
Dec 15 - RACES etc. Net, 7:30 PM
Dec 18 - CDF VIP Meeting 7:30 PM
Jan 1 - Straight Key night

VE EXAMS HOTLINE NR: 408-984-8353

10 YEARS AGO

IN SHORT SKIP



Vol I, issue 6 of Short Skip announced the new officers for 1977: President Paul Hansen WB6KXL, VP Paul French WA6KWN, Secretary-Treasurer Frank LaPointe WB6FSA.

The "1st annual new and improved" Christmas party promised to be "better than ever". To be held at the Dancer's Workshop in Santa Rosa.

**HANK'S SWAP SHOP**

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

ANTENNA PANEL with 5-pos switch, SWR meter, Johnson LP Filter \$25.
MIKES: Turner, Realistic 33-992 \$25.
STRAIGHT KEY \$3. VIBROPLEX BUG \$25.
HEATH IG102 Signal Gen. \$20.
HEATH IM-25 Solid State VOM \$25.
OMEGA Noise Bridge TE7-26 \$25.
DEVRY Scope \$10. W6KKF 762-2847.

WANT: 2 Meter Transceiver like 7950
Call WU6W Bob 578-8480.

KENWOOD TS-520S, CW fltr, DG5 Read-out, MC50 mic, 520 remote VFO \$400.
Will pay UPS. Will accept collect calls. 503-997-7317.

COMMODORE 128 computer, 2-1571 drives, Teknika MJ-22 RGB color monitor, 1350 mouse and pad, 3 slot expansion board w/reset switch, Mach-128 utility & fastload cartrdg, 1650 auto modem, Epson MX-80F/T printer with Cardco Super-G interface, Triple output printer control box, Lots of 64, 128 and CP/M software! \$1200. Garry KB6MXZ 584-3425.



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Covers
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& 70 cm



**LIMITED QUANTITY
AT OLD PRICES**

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1.2 GHz Transceiver:
The First Full-featured
1240-1300 MHz Transceiver
AT GREAT LOW, LOW PRICES

ICOM

IC-28A/28H



2-METER MOBILES
IC-28A (25w) IC-28H (45w)

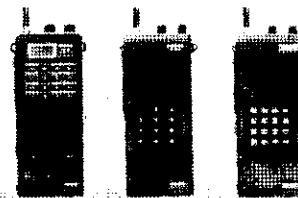
LOW PRICE!

**NOW! RAPID DELIVERIES
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TO COAST**

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(404) 263-0700
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Doraville, 1 mi. north of I-285

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999 Howard Ave.
(415) 342-5757
George, Mgr. WB6DSV
5 miles south on 101 from SFO

OAKLAND, CA 94608
2210 Livingston St.
(415) 534-5757
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