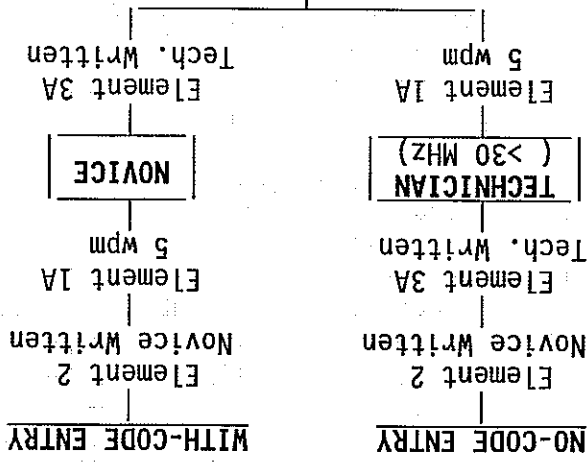


AMATEUR EXAM LICENSE MAP



For each class of license, you have to pass all the written exams for the lower classes of license. - de N1AL

RENEW YOUR ARRL MEMBERSHIP THROUGH THE CLUB AND THE CLUB GETS TO KEEP \$2 (no expense to you). Make out your check to SCRA, and send it with your ARRL renewal form to SCRA, PO Box 116, Santa Rosa, CA 95402 or give it to the Treasurer.



By Paul Dana KC6PDA

Please find enclosed my dues and initiation fee; many thanks for the two free issues. I'll try to attend a meeting soon, but my work schedule is unpredictable (and always a good excuse.)

Your best representative, besides Short Skip, is John Breckenridge WB6FRZ. I met him at the swap meet in Sebastopol and looked forward to his Friday night Novice classes all fall. Now I suppose I have to get to 13 wpm all by myself!

Also TNX to Steve Lund and you, A1, for getting us all through a hectic upgrade night on Dec 21 with minimum chaos.

RACES NEWS



(Cribbed from graffiti on the wall of the RACES room at the EOC).

Following are the net frequencies and Area Coordinators for the various RACES areas in Sonoma County. "R" means repeater, "S" means simplex.

- North Coast 147.825/R Lee N6MIV 884-4242
- West County 146.49/S Jim N6PTM 823-7947
- North County 146.43/S Dave N6RIF 894-4787
- Santa Rosa 147.42/S Bob WD6DPE 546-5593
- Petaluma Vly 146.55/S Bob K6GEV 762-8874
- Rohnert Park 147.405/S Mike N1DJE 996-4858
- Cotati 146.52/S
- Sonoma Vly 147.47/S
- Hospitals 145.550/S

- EOC: Tactical 146.73/R, 223.76/R
- Resource 145.35/R, 224.48/R
- Packet 144.91, 223.56
- State net 3.915

Radio Officer: Jim Rutherford WB6PER 526-2972
Assistant RO: John Wallack W6LLK 833-1873

A REAL OLD TIMER

by Hank Davis W6DTV

Here's an old article found in a dresser drawer. Maybe someone may know him -- the name rings a bell.

COOKSON, HOWARD A. Howard started his wireless career as an amateur operator in 1910. In 1912, he became a member of the first west coast Amateur Radio club, the Bay Counties Wireless Association. In 1912, he was issued his first commercial ticket, a certificate of skill, issued at the Mare Island Navy yard. He was assigned his first berth in 1912 on the SS Cuzco (call LAO), with the American Marconi Co. In May 1913, he was assigned to the SS Santa Cruz WBD. From 1917-1918 he was an instructor for the US Army Air Corps in Berkeley and at Mather field in Sacramento.

After WWI, Howard served as marine operator on the following ships: SS President Polk KDOZ, SS President Hoover, SS President Hayes KDLB, SS President Monroe KDKAR, SS General Meigs, SS President Wilson KDSV, SS Matsonia WMP, SS Mariposa, SS Lurline WML, SS Constitution, and SS China WWA. Hew also operated at shore stations KTK Mussel Rock [Jim N6PTM's father was in charge of Mussel Rock Station], WMH Baltimore MD, the SF Examiner station 6ARD, and the RCA Bolinas high power station KET. From 1941 to 1948, he was with the US Army (G2) Air Transport Command.

He retired in 1959, and his present Amateur call is W6GW. He must be a silent key by now, as I could not find any information in the 1985 Callbook.

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Santa Rosa, CA 95403
STEVE BASHAM
Manager
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(800) 675-7557

NEW AND RENEWED MEMBERS

SINCE LAST MONTH

- Paul Dana KC6PDA 762-1461
- Water Burandt 838-7813
- 9045 Chalk Hill Rd. 9448
- Healdsburg, CA 95448
- Gary H. Lehnert 539-3604
- 5922 Monte Verde Dr. 823-2228
- 1411 Deer Lane Sebastopol, CA 95472
- C. Ronald Smith KC6PEY
- Douglas Carter KC6RHA 528-9116
- 1139 Guaymas St. Santa Rosa, CA 95401
- Kathleen Wolf 987-9566
- 19299 N. Shore Ct. Middletown, CA 95461
- Greg Pringle KC60PQ 528-9116
- 5901 Newman Ct #17 916-452-7381
- Sacramento, CA 95819
- We now have 186 members.

PALINDROME DATES

1991 is the first year since 1881 that reads the same forwards as backwards. On 19 Sept. this year the date will be: 19/9/1991, or 1991991. It also works as 19/9/91 = 19991. 4 seconds before 12:35 PM last August 7 (July 8 if you use the American system) was also interesting: 12:34:56 7/8/90.

Now wasn't that fascinating?

NOB HILL ELECTRONICS REPAIR

Jim Peimulder
N6PTM
(707) 823-7947

Amateur - Commercial - Scanners
TV - VCR's - Audio

2801 Gravenstein Hwy. No. 26191
Sebastopol, CA 95472

Here's a handy chart for tracking hurricanes during this year's hurricane season. The season runs from June through October. Listen to local NOAA weather VHF radio broadcasts for updates on storm coordinates.

HURRICANE TRACKING CHART

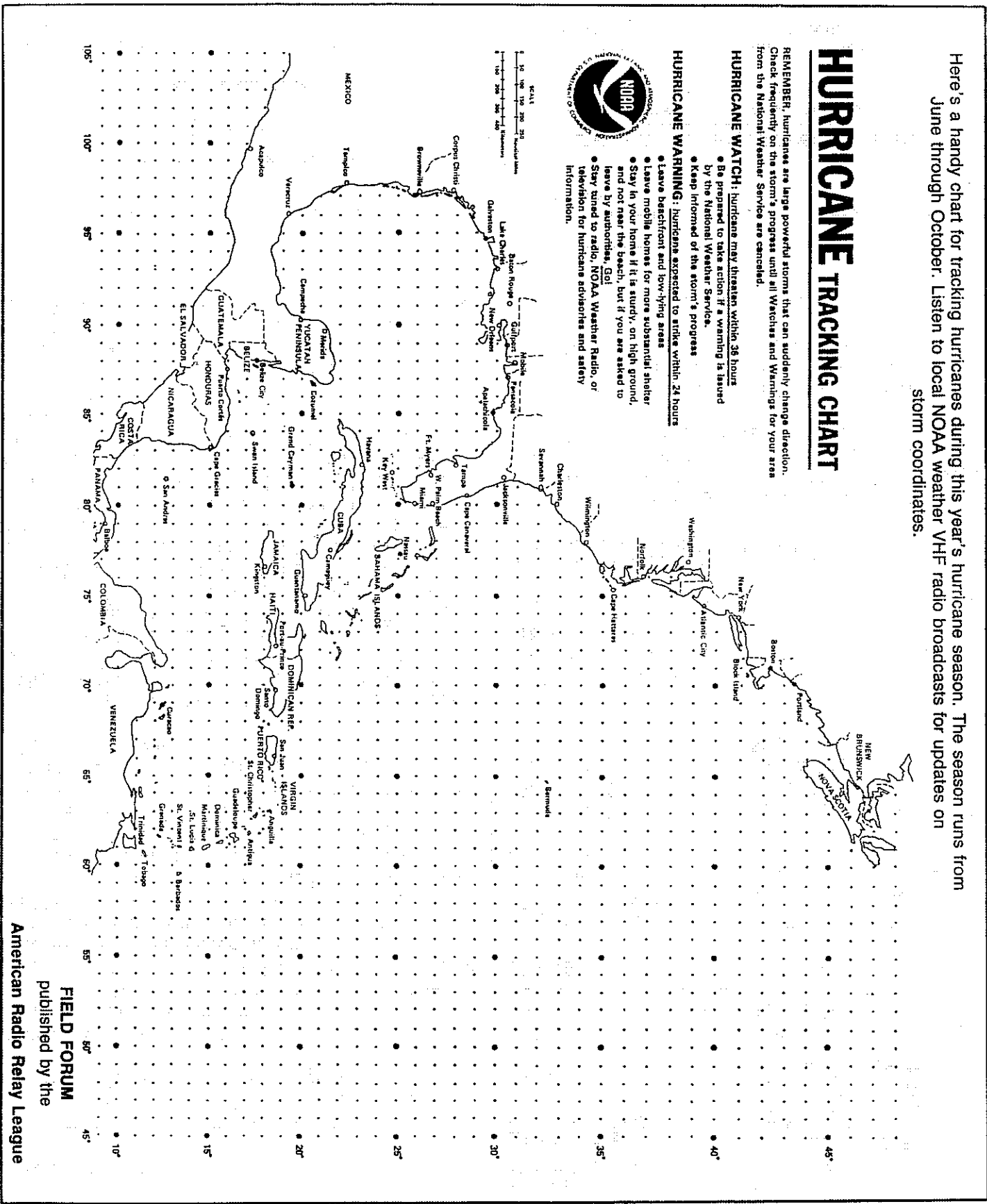
REMEMBER, hurricanes are large powerful storms that can suddenly change direction. Check frequently on the storm's progress until all Watches and Warnings for your area from the National Weather Service are canceled.

HURRICANE WATCH: hurricane may threaten within 36 hours

- Be prepared to take action if a warning is issued by the National Weather Service.
- Keep informed of the storm's progress

HURRICANE WARNING: hurricanes expected to strike within 24 hours

- Leave beachfront and low-lying areas
- Leave mobile homes for more substantial shelter
- Stay in your home if it is sturdy, on high ground, and not near the beach, but if you are asked to leave by authorities, GO!
- Stay tuned to radio, NOAA Weather Radio, or television for hurricane advisories and safety information.



FIELD FORUM published by the American Radio Relay League

1991 SCRA BUDGET

(By vote of Board of Directors 2/13/91)

Field Day / Picnic	-400
Xmas Party	-200
Misc. Activities	-125
Total Activities	-725
Refreshments	-20
Dues	+2000
Badges	-130
Repeater	-500
Flea Market	+600
ARRL	+20
Total Fund Raisers	+620
Raffle	+50
Insurance	-310
Trophies & awards	-200
Donations (-250 +200)	-50
Other misc.	-100
Total Miscellaneous	-350
Short Skip ads	+500
Short Skip expenses	-1200
Total Short Skip	-700
Phone Charges	-100
Donation	-100
Total Newsline	-200
QSL Cards	+25
Other	+50
Total Membership supplies	+75
Officers' expenses	-100
Training & education	-200
TOTAL:	-490

UNIDEN UPGRADE

If you have a Uniden HR2510/HR2600/Lincoln 10 meter radio you may be interested in a replacement microprocessor chip that offers the following features:

- 30 memory channels with repeater offsets
- Programmable scan/seek
- Programmable Channel UP/DN buttons
- Programmable Mic Channel UP/DN buttons
- Programmable transmit timeout
- Split frequency operation
- Programmable transmit frequency range
- Priority channel
- Numerous miscellaneous functions

Cost is \$59.95 plus postage. For more information, write: Chipswitch, 4773 Sonoma Hwy Suite 132, Santa Rosa, CA 95409.



NEWS of Amateur Radio

PINK SLIPS FOR PACKET BBS OPERATORS: FCC has issued notices of violations to 10 BBS operators through which a "business" message passed. Three also received \$300 fines. The message urged hams to call a 900 number to register their opposition to the Gulf war. Tnx ARRL letter

H. R. 73 IS PROMOTED by a "Dear Colleague" letter from Congressman Jim Cooper send Jan 31. In part, it states: "Amateur radio operators are NOT the richest, most powerful Washington lobby -- but I bet you'll hear from them." ARRL letter

Radio Shack

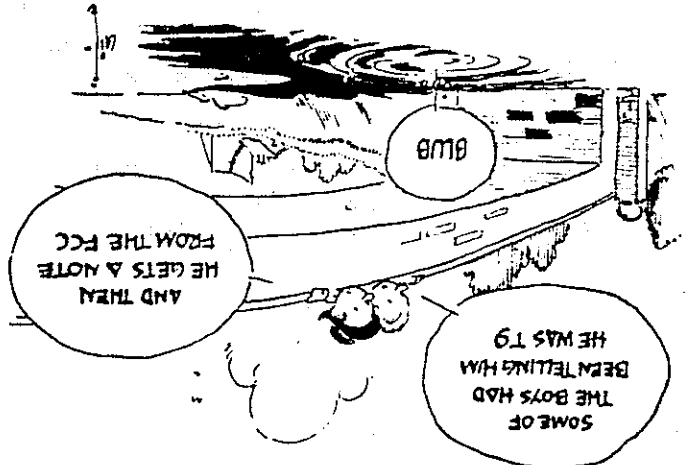
STORE NO. 3855

ZANE BATES

MANAGER

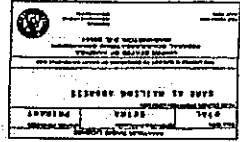
WB6SRU

SIO FARMERS LANE
SANTA ROSA, CA. 95408
TELEPHONE 546-8423



EXAM SESSION RESULTS

by STEVE LUND WA8LLY



On February 3, 8 hams attended the latest SCRA ARRL-VEC exam session. John KC6PTE passed his Advanced, while Jason KC6DKI upgraded to General. Mark KC6PJS, Doug KC6RCM, Walter Burandt, and Ted KB6PFA upgraded to Technician. A special thanks goes to the examiners- John WB6FRZ, Dave A6VX, and Steve WA8LLY.

The next exam session is planned for May. There are several methods to find out when the session will be held. A notice will always be posted at HSC Electronics in Cotati. The next best way is to send an SASE/postal card to Steve Lund WA8LLY, PO Box 476, Graton, CA 95444. As soon as the date/time are determined, I'll send you a flyer in the SASE. The worst method is to call me at home.

DON'T ALTER YOUR LICENSE

Don't alter your original amateur radio license. If the print quality is poor, write the FCC, PO Box 1020, Gettysburg PA 17326, and request that a new copy be made. The VES have been told not to accept any license (or photocopy), which has any alterations done to it.

NO-CODE LICENSE CLASS

TIME: 7-9:30 PM, Tuesday nights
(Starting Tuesday Feb. 19)

PLACE: Sonoma Co. Emergency Operations Center
in Santa Rosa (See map below)

TEXTBOOKS: *Tune In the World with Amateur Radio*, and *The ARRL Technician Class License Manual*, Recommended: *First Steps in Radio* (ARRL)

INSTRUCTOR: Alan Bloom N1AL, 538-7115

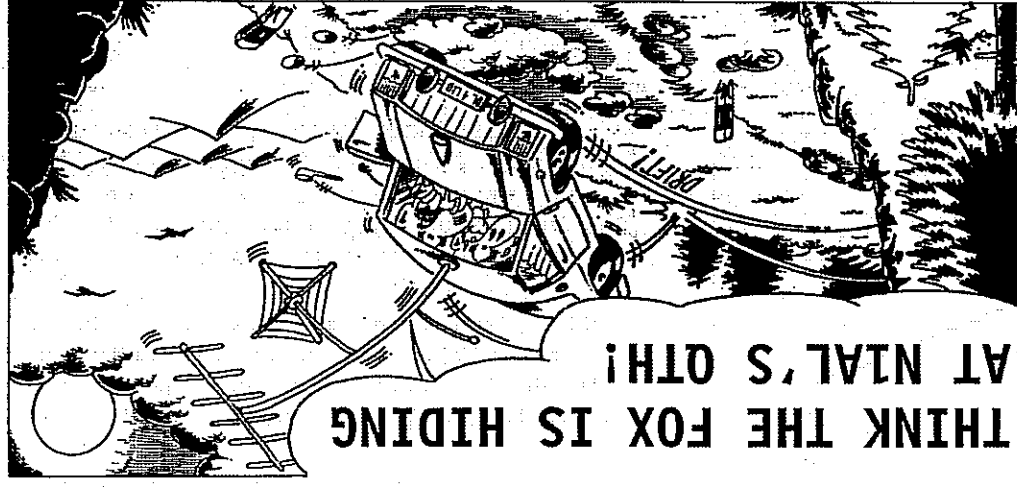
CODE-ONLY LICENSE CLASS

TIME: 7:30-9 PM, Friday nights

PLACE: California Spinal Cord Injury Network, 3911 Princeton Dr, corner of Yulupa (old Red Cross building).

WHAT: 5-to-13 wpm code upgrade class

INSTRUCTOR: Bob Craig K6XZ 539-1693



TREASURER'S REPORT

FOR MONTH ENDING January 31, 1991



ACCOUNT	REVENUE	EXPENSE
Refreshments at meetings	7.66	13.75
Dues and Initiations	156.00	
Misc	5.63	13.75
ASSETS:		
General Fund Account	1946.99	
Cash/checks on hand	66.56	
Total General Fund	2013.55	
Total Repeater Fund	755.43	

- de N6VUC

MINUTES

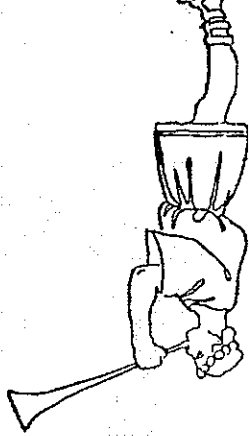
(Continued from page 10)

The **CODELESS TECHNICIAN** license goes into effect Feb 14. Issues the Board has considered include: Licensing problems, training (no Technician classes at that time), new hams' potential lack of knowledge of Amateur operating techniques and traditions of courtesy and self-policing. We are planning to produce a **BROCHURE** that summarizes Amateur Radio in Sonoma County. Reed N6ZME felt that our classes should emphasize proper operating procedure. Bill N6OLD thought a show and tell of a HF radio would help. Jim N6PTM noted that every present Technician should keep a copy of his code. Larry A6ARD wondered about the dangers of the Amateur community not accepting these new hams. Meryln N6VUC felt it was good there are no special call signs for the new class as this might be seen as a stigma. The Board has budgeted money for new license training sessions.

The **MEMBERSHIP LOTTERY** was won by Lewis KKBK who took home \$30.12. Meeting adjourned 9:12 PM. m/s W6DTV/N6MYQ Respectfully submitted Sec. Al Bloom N1AL.

COMING EVENTS:

SCARS NET: 146.73 MHz
Tuesdays at 7 PM.
VE EXAMS HOTLINE NR:
408-984-8353



MARCH:

- 2-3 - ARRL DX Contest, Phone
- 3 - Livermore A. R. Klub swap meet
- 4 - RACES etc. Net 7:30 PM
- 6 - SCRA meeting 7/7:30 PM
- 1987 DUES PAYABLE!
- 8-10 - Japan International DX Contest
- 9 - Foothill College Flea Market
- 15 - Deadline for April Short Skip
- 18 - RACES etc. Net 7:30 PM
- 21 - CDF/VIP Meeting 7:30 PM
- 23-24 - CQ Worldwide Prefix Contest, Phone

APRIL:

- 13 - Foothill College Flea Market

MAY:

- 3-5 - Fresno Hamfest
- 25-26 - CQ Worldwide Prefix Contest, CW

JUNE:

- 22-23 - Field Day

JULY:

- 13-14 - IARU HF World Championship
- 13-14 - CQ Worldwide VHF Prefix Contest

SEPTEMBER:

- 28 - SCRA Flea Mart, Seb. Holy Ghost Hall

SWAP SHOP (Continued from p 12)

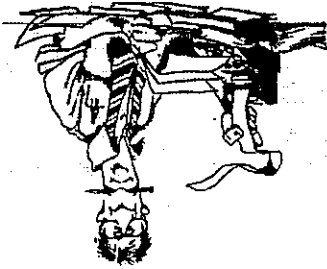
HUSTLER VERTICAL, 40-10M, manual \$75. Steve KB6LSB 573-3507.

RADIO SHACK HTX-100 10 meter transceiver. \$180. Kam KC6NDU 578-7296.

18HT HITOWER 80-10M vertical, FREE for taking down and replacing a 40M dipole. Van W6GFY 544-3485.

SCRA MINUTES

February 6, 1991



The meeting was called to order by President Jim Pelmlider N6PTM at 7:31 PM. 53 members and guests were in attendance.

VISITORS introduced by Jane N6NTB: Linda Veber WD6TMM, Ken and Linda Parker WB6RAA, Douglas Carter KC6RHA, Walter Burandt, C. Ronald Smith KC6PEY, Tom Sehabague Jr, Peter KK6SE, Ron Carver, Tim Lynch and Michael Willard.

NEW CALLS/UPGRADES: KC6RHA just got his new call, and Ted KB6PTA has upgraded to Tech.

The **PROGRAM** featured Sonoma Co. Coordinator of Emergency Services Dan Nicholas. The new RACES communications trailer has RACES as well as County radios. The packet station and Red Cross radio will be installed before the April drill. Now we need volunteers to sign up to operate the vehicle. During 1990, RACES members put in 969 hours in nets, drills, meetings and other labor. \$6000 was spent to renovate the antennas on the EOC roof and Sonoma Mt., most work done by hams. The RACES room will be expanded by removing the storage area that now exists in the front. By show of hands, about 1/2 of the people present are RACES members.

The drill will be around April 18. On the 24th, there will be a "Crisis Management Expo" held jointly with Marin Co. to foster inter-agency knowledge. This will include workshops (including communications), and demonstrations of equipment, search & rescue techniques, etc. On Feb 21, there will be a simulated airplane crash that crosses 3 jurisdictions -- Cotati, Rohnert Park and the Rohnert Park Hewlett Packard plant. In reply to questions, he said no special anti-terrorist precautions are in effect. We do have a drought emergency -- even with Warm Springs Dam, many farmers are going to be hurt. He emphasized that RACES is the only communications resource the County has that can cross agency lines and tie the county together in time of emergency.

The MINUTES were approved as published in Short Skip. m/s N6DDK/K6GEV

The **TREASURER'S REPORT** was approved. m/s W6DTV/N6FVY We have \$2013.55 in the General Fund and \$755.43 in the Repeater Fund.

ARRL SECTION MANAGER Dick Wilson K6LRN is retiring, and SCRA member John Wallack W6TLK has agreed to run for the post. A nominating petition was passed around.

SHORT SKIP DELIVERY was much better via First Class mail. Al N1AL will try bulk mail one more time so the Post Office can try to track down where the delays are.

PUBLIC SERVICE: Bill N6GHG announced the March of Dimes WalkAmerica is Sunday April 28 this year. They have acted on our suggestion last year to rearrange things to limit our time involvement. The Lions Club biathlon is the same day.

Public Service is good training for emergency. It is also good publicity for Amateur Radio and is a chance to help out worthwhile charities. N6VUC noted that his experience is that it is enjoyable and rewarding.

EDUCATION: John WB6FRZ's Novice class is in its 6th week in Healdsburg. There are 11 still in the class. Bob Craig K6XZ has started a code upgrade class (5 to 13 wpm) that meets Fridays at 7 PM at the Spinal Cord Injury Network bldg on Princeton Ave. Al N1AL will be starting a "no-code" Technician class on the 19th at the EOC.

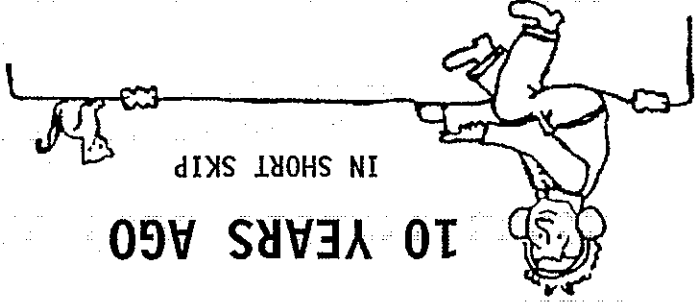
The **HOMEBREW CONTEST** is coming up in April; Bill N6OLD is Chairman. Lou N6VMQ volunteered. A **NET CONTROL STATION** is needed for March.

BOARD OF DIRECTORS MEETINGS this year are at Northday Savings in the shopping center at Marlow and Guerneville Rd. Meetings are at 5:30 PM the Wednesday after the club meeting and are open to interested members.

N6PTM wants to know how to send National Traffic System messages to Jordan. N6FVY suggested he ask Betty AG6C.

(Continued on page 9)

10 YEARS AGO

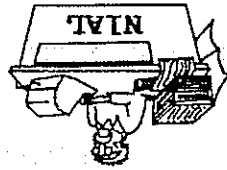


March 1981 was the month that club member VP2ML was to journey to Easter Island for the ARRL DX contest. Chod's "DX Watch" column was a regular feature of *Short Skip*. Mike WB6TMH showed how to charge a sick car battery using a diode and light bulbs hooked up to PG&E.

at the SCRA Explorer Post held its first meeting on 146.49 MHz on Feb 9. Steve N6CZJ was acting net control. All post members checked in.

The club 2 meter net was now featuring Westlink news and Swap Shop. Gee, it doesn't seem like it was that long ago!

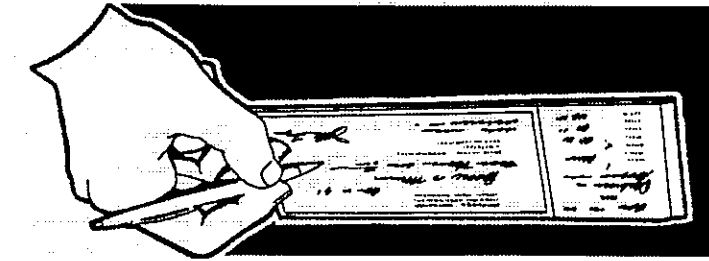
LATE SHORT SKIP?



Short Skip was mailed first class last month: Of the reports I received, the latest delivery was 4 working days after the mailing, much better than bulk mail.

This month, we are going to try bulk mail once again, and the Post Office is going to try to figure out where the delays are occurring. (Thanks to Aurelia K6HXS for getting in the good word to the Postal Service.) So once again, hopefully for the last time, if you could drop me a line to let me know when *Short Skip* arrives, it would be much appreciated. Many thanks to those who have replied in the past.

The easiest way is to leave a message on my answering machine: 538-7115. Thanks!

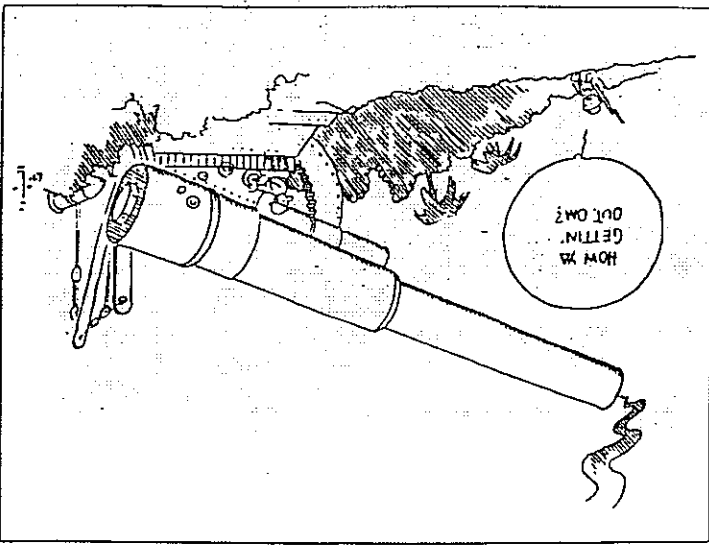


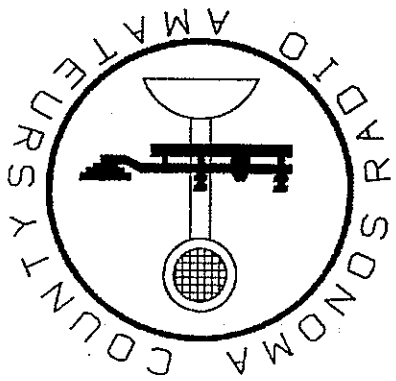
It's that time of the year again! According to my records, the only members who have renewed so far are KB6PBD, KB6ZOL, W6CPE, KB6GIU, and those who have just joined for the first time in the last month or two. Either pay the Treasurer at the next meeting or mail it to POB 116, Santa Rosa, 95402.



HOMEBREW CONTEST

Don't forget the Homebrew Contest at the April meeting. Chairman is Bill N6OLD. More information in the next issue.





OFFICERS FOR 1991

PRESIDENT: Jim Belmulder 823-7947
VICE PRESIDENT: Brian Torr 575-5871
SECRETARY: Alan Bloom 538-7115
TREASURER: Marilyn Pfeiff 584-3898
MEMBERS-AT-LARGE: Phillip Gaul 833-1873
REPEATER CHAIRMAN: Jim Rutherford 526-2972
EDITOR: Alan Bloom NIAL (e) 538-7115
 1578 Los Alamos Rd, Santa Rosa, CA 95409 (d) 577-3981
CIRCULATION MGR: Harvey Lawrence K6KZ
ADVERTISING MGR: John Wallack 833-1873
SWAP SHOP: Hank Davis W6DIF 823-7885

ARRL LIAISON: Alan Bloom NIAL 538-7115

ASST. DIRECTOR: Chuck Sabin N6DDK 795-2371

BADGE CHAIRMAN: Connie Freitas N6FVY 823-9691

ACTIVITIES COMMITTEE:

PUBLIC SERVICE: Bill Spaine N6HG 431-8636 (days) 577-2913

Flora Market: John Wallack W6TLK 833-1873

QSL Manager: John Wallack W6TLK 833-1873

TVI/RFI: AT Bloom NIAL 538-7115

AWARDS: Steve Lund W8LLY 823-4544

VEC EXAMS: Steve Lund W8LLY 823-4544

+NIAL W6D MW6F W6FRRZ K6UXO

EDUCATION: John Breckenridge W6FRRZ 838-6398

+NIAL W6GCKP W7CNDJ W6TMY W8LLY K6XZ

FIELD DAY: NIAL(CW), N6PTM(ph), W6PER(social)

REFRESHMENTS AT MEETINGS: Bob Oisten W6DPE

GREETER AT MEETINGS: Jane Vandervice N6NTB

RAFFLE AT MEETINGS: Phillip Gaul K6BSI

MEMBERSHIP LOTTERY: Bob Scornick K6GEV

REPEATER CONTROL OP'S:

W6GCKP Hoppy 542-6750 N6NZ Garry 584-3425

W6PER Jim 526-2972 W6TLK John 833-1873

W6UAZ Kathi 544-7943 W6D Jim 544-7943

INTERFERENCE COMMITTEE: W6PER Jim 526-2972

SHORT SKIP ADVERTISING RATES:

Business cards: \$10

\$11 First 1/4 Column
\$3 Additional 1/4 Columns
(\$32 Full Page, 1 side)

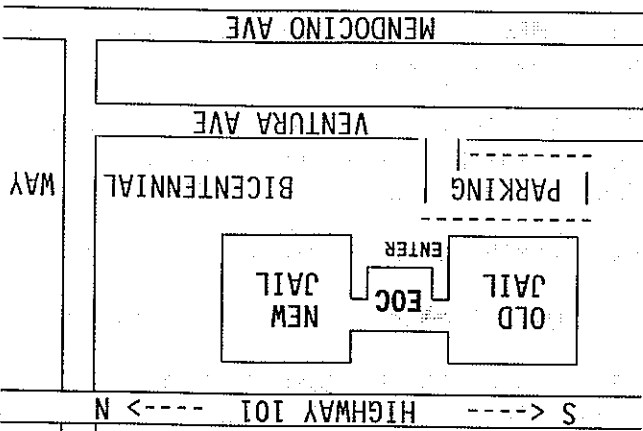
Pre-printed inserts: \$32/sheet

Guaranteed circulation: 200/month
AD DEADLINE: 10th of previous month

ARE YOU NOT AN SCRA MEMBER?
 If so, then this is a complimentary copy. Our club is involved with almost every area of Amateur Radio: Repeaters (13/73), Field Day, license classes (Notice through Extra), volunteer exams, RACES, DX programs, packet radio, hidden xmt'r 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 7:00 PM. You will hear the latest Westlink Amateur Radio News broadcast, announcements of SCRA activities, and a Swap Shop. If you would like to join SCRA, please refer to the dues listed below. Hope to have an "eyeball" QSO with you at the next meeting! 73 ...

CLUB MEETINGS:
 7:30 PM, 1st Wednesday each month at the EOC (Emergency Operations Center, see map below) Anyone interested in ham radio is welcome.
NEXT MEETING: March 6, 1991
PROGRAM: Lou N6YMQ will describe the Digital AM system at K6BS

DUES: \$12 per year, plus a one-time \$4.00 initiation fee. Dues are pro-rated \$1/month for new members. With membership, comes an SCRA call/name badge. Family membership: \$18



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ANAHEIM, CA
 (714) 763-3033, (213) 860-2040

ATLANTA, GA
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WOODBRIDGE, VA
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SAN DIEGO, CA
 (619) 560-4900

WANNING, CA
 (916) 988-2212

PHOENIX, AZ
 (602) 242-3515

SALEM, NH
 (603) 242-3515

Jim Rafferty W6RJ
 VP-National Sales Manager

Bob Ferrero W6RJ
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HANK'S SWAP SHOP

Hank Davis, W6DTV 7822 Washington Avenue
Phone 823-7885 Sebastopol, CA 95472
(Noncommercial ham ads are printed for free)

DRAKE TR-22 6-channel xtal, nicad battery, charger, carrying case \$40. N6DDK 576-2426 days, ask for Chuck.

RADIO SHACK HTX-100 10 mtr transceiver \$150.
WANT: 2 MTR synthesized rig, 10W or more.
Larry AA6RD 575-4509.

KENWOOD R1000 receiver, AC-DC cord \$240.
George KC6IRQ 874-2713.

HUSTLER G7 2M ant \$35. John W6CCY 823-1357.

WANT: ARRL HANDBOOKS, mid 60's and mid 70's. Rich K6ZWB 542-6907.

WANT: MANUAL for GONSET GPP-1 phone patch.
Bob N6RMW 542-5209.

HEATH SB-104 transceiver, no power supply.
YAESU FT101ZD with FM unit, needs work.
SHURE 444 mic. Phone. Bill KA6JLP 823-5652.

WANT: MEMORY KEYS. Dan KJ6NZ 538-0609.

WANT: QST, August 1931. Hank W6DTV 823-7885.

RADIO SHACK TRS-80 MODEL 3, 300 baud, 3 disk drives, 640-240 graphics board, manuals, 150+ software discs \$250. Steve N6RYA 823-5882.

3-500Z tube, used. Lyle K6MZ 887-2166.

WANT: 440MHZ AMP, 50W. Art W6LGQ 762-2132.

WANT: HEATH SB401 tx. Fred N6YEU 431-8202.

WANT: VIKING ANT TUNER, 3 KV size. Also PK-232. Bill N6GHG 431-8636.

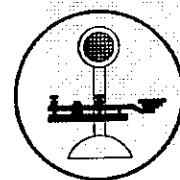
AMERITRON AL80A 800W 160-15M amp. \$500.
VIBROPLEX bug \$50. John W6TLK 833-1873.
(Continued page 9)

Sonoma County Radio Amateurs, Inc.
PO Box 116
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ARRL DX CONTEST MARCH 2-3



THE ONLY GUY WHO DIDN'T ENJOY THE DX CONTEST