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STOLEN: ICOM 28H 2 mtr mobile S/N 7823,
KENWOOD 2600A with DC-DC adapter no bat pack
S/N 7090300. If offered, look for serial
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GENERATOR: 4000 Watt, 110/220V electric
start. \$300. Hank W6DTV 823-7885.

WANT: DRAKE T4X or T4XB to go with my spare
R4B. Al N1AL 538-7115.

Sonoma County Radio Amateurs, Inc.
PO Box 116
Santa Rosa, CA 95402

ADDRESS CORRECTION REQUESTED

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WB6FRZ
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Jim Peimulder
N6PTM

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3

SEPTEMBER 1989

NOTICE!

VOL 14 # 9

THE 7TH ANNUAL SCRA AMATEUR RADIO FLEA MARKET & AUCTION SANTA ROSA, CA SATURDAY, SEPT 16

It's at the SONOMA COUNTY FAIRGROUNDS again this year, same place, same time: 8 AM to 2 PM. From the south, go north on US 101 to Santa Rosa, and turn right on State Highway 12. The Fairgrounds are about 3/4 mile on the right. The vendor area is to the left just after you go in the main entrance. Buyers can park anywhere else on the grounds.

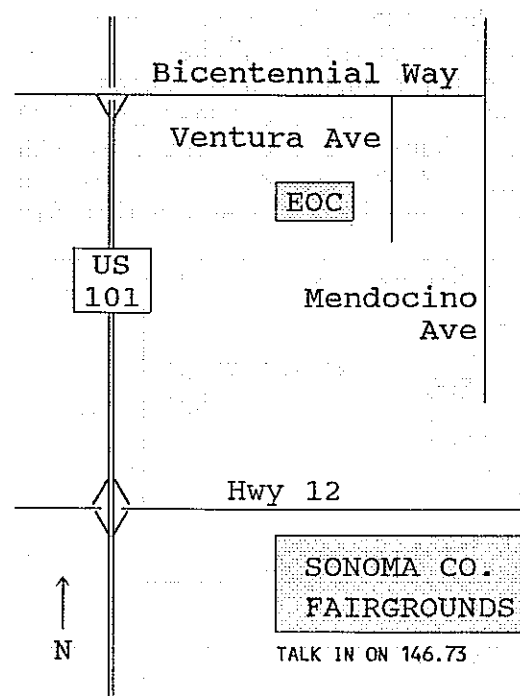
VENDORS: Bring your own table if you need one. You can start setting up anytime after 7 AM. Spaces are \$5 in advance or \$7 at the door.

FREE ADMISSION! FREE DOOR PRIZES! FREE PARKING! RADIO CLINIC! FCC EXAMS!

VEC LICENSE EXAMS, novice through Extra, will be given at the Sonoma County Emergency Operations Center in the County administration complex. Continue north on Hwy 101 and exit right on Bicentennial Way. Turn right at the first traffic light onto Ventura. The EOC is about 1/4 mile on the right. Look for the radio towers.

Pre-registration for exams is strongly recommended. Send a photocopy of your license (if any), a completed 610 form, and a check for \$4.75 made out to "ARRL-VEC" to Steve Lund WA8LLY, 10180 Mill Station Rd., Sebastopol, CA 95472. Written exams start at 1 PM. ON EXAM DAY bring: ORIGINAL license, Photo ID (CA driver's license preferred), 2 soft-lead pencils, pen, and a calculator. If you need more information on exams, call Steve at (707) 823-4544 after 7 PM.

QUESTIONS? Call Al N1AL at (707) 538-7115.



SELLER'S REG. FORM:

Name: _____ Call: _____

Addr: _____

City/St: _____ ZIP: _____

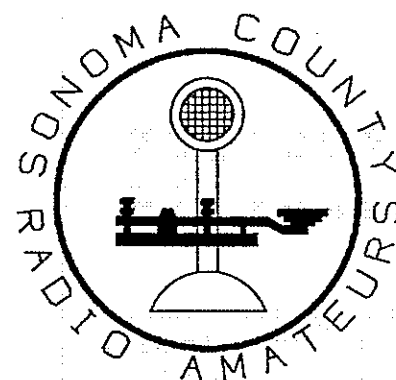
Number of spaces to reserve: _____

Cost per space: x \$5.00

\$ Enclosed: _____

Send to: Sonoma Co. Radio Amateurs Inc
PO Box 116
Santa Rosa, CA 95402

Send SASE if you require confirmation.



OFFICERS FOR 1989

PRESIDENT:	Glen Crownover	N6DNB	546-8955
VICE PRESIDENT:	John Wallack	W6TLK	833-1873
SECRETARY:	Alan Bloom	N1AL	538-7115
TREASURER:	Jim Pelmulder	N6PTM	823-7947
MEMBERS-AT-LARGE:	Chuck Sabin	N6DDK	795-2371
	Bob Olsten	WD6DPE	546-5593
REPEATER CHAIR:	Jim Rutherford	WB6PER	526-2972

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 LIASON: Alan Bloom N1AL 538-7115
 ASST. DIRECTOR: Chuck Sabin N6DDK 795-2371
 BADGE CHAIRMAN: Jim Pelmulder N6PTM 823-7947
 CLUB HISTORIAN: Connie Freitas N6FYV

ACTIVITIES COMMITTEE:

PUBLIC SERVICE: Bob Sones WB6EKV 546-3873
 PROGRAM CHAIR.: Bob Olsten WD6DPE 546-5593
 FLEA MARKET: Chod Harris WB2CHO 526-2198
 EDUCATION: Chr. Tracy WB6TMY 527-8124
 WA6ACX WW6D WA8LLY WB6PDP W6TLK WB6TMY KF6WV
 TVI/RFI CHR: John Lynch W6CCY 823-1357
 AWARDS CHR: Steve Lund WA8LLY 823-4544
 VEC EXAMS: Steve Lund WA8LLY 823-4544

WA6ACX N1AL K6ANP AG6C WD6CKP WN6D WW6D
 W6DTV WW6F WB6FRZ KF6FX W6RIA WB6UDR WU6W
 REFRESHMENTS @ MEETINGS: Bob Olsten WD6DPE
 GREETER AT MEETINGS: Jane Vanderslice N6NTB
 MEMBERSHIP LOTTERY: Bob Scolnick K6GEV
 QSL MANAGER: Doug Bender WW6D

REPEATER CONTROL OP'S:

WD6CKP Hoppy 542-6750 N6ONZ Garry 584-3425
 WB6PER Jim 526-2972 W6TLK John 833-1873
 WB6UAZ Kathi 544-7943 WN6D Jim 544-7943
 PACKET COMMITTEE: Al Bloom N1AL, Jim Boyett
 WN6D, Rich Freitas KA6SSL

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 (Novice through Extra), 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 7:00 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) All are welcome to attend.
 NEXT MEETING: September 6, 1989
 PROGRAM: Videotape explaining the International Mission Radio Association.
 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

SHORT SKIP ADVERTISING RATES:

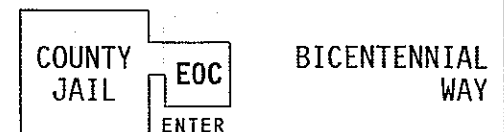
Business cards: \$10

\$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: 15th of previous month

S <---- HIGHWAY 101 ----> N



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 (404) 263-0700
 Larry, Mgr. WD4AGW
 Doraville, 1 mi. north of I-285

BURLINGAME, CA 94010
 899 Howard Ave.
 (415) 342-5757
 George, Mgr. WB6DSV
 5 miles south on 101 from SFO

OAKLAND, CA 94606
 2210 Livingston St.
 (415) 534-5757
 Rich, Mgr. WA9WYB
 IS-880 at 23rd Ave. Ramp

PHOENIX, AZ 85015
 1702 W. Camelback Rd.
 (602) 242-3515
 Bob K7ROH, Gary WB7SLY, Mgr.
 East of Hwy. 17

SALEM, NH 03079
 224 N. Broadway
 (603) 898-3750 1-800-444-0047
 Curtis, Mgr. WB4KZL
 28 miles north of Boston exit 1 I-93

SAN DIEGO, CA 92123
 5375 Kearny Villa Rd.
 (619) 550-4900
 Tom, Mgr. KM6K
 Hwy. 163 & Claremont Mesa Blvd.

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 Exit 54, I-95 South to US RT 1

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 ATLANTA, 9 to 5:30 EST

1-800-444-7927

MID-ATLANTIC
 WOODBRIDGE, 9 to 5:30 EST

1-800-444-4799

NEW ENGLAND
 SALEM, 9 to 5:30 EST

1-800-444-0047

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, Georgia and Virginia residents please add sales tax. Prices, specifications, descriptions subject to change without notice.

SCRA MINUTES

August 2, 1989



The meeting was called to order by Treasurer Jim Pelmulder N6PTM at 7:43 PM. Other officers present: Secretary Al Bloom N1AL, and Member at Large Bob Olsten WD6DPE.

The only VISITOR was new member Mario N6VUB, introduced by Jane N6NTB.

The MINUTES were approved as printed in *Short Skip*. m/s WB6SMY/WD6CKP

The TREASURER'S REPORT was accepted as read by Jim N6PTM. We now have \$1646.82 in the General Fund and \$1785.07 in the Repeater Fund. m/s WD6CKP/WB6SMY

About 15 MAGNETIC SIGNS for your car advertising Amateur Radio public service will be ordered by N6PTM for resale to club members.

PUBLIC SERVICE EVENTS: Bob WB6EKV reminisced about the 1400-1500 bicycles at the recent SRCC bike ride. The Stride for Life Run in Petaluma and the Bodega Bay to Breakers race are two events in August. W6DTV and K6GEV noted several of us will help Marin County's 100 mile bike race that passes through Sonoma County. Frequencies used will be 147.33 and 145.35 MHz.

EDUCATION: John WB6FRZ will be starting a CW practice upgrade class -- he is looking for a room. Tracy WB6TMY has a sample *Radio Electric* magazine that shows neat old vacuum tube junk.

VEC EXAMS under Steve WA8LLY will be held September 16 right after the Flea Market at the EOC. Written exams start at 1 PM. This year we will give Novice exams as well.

The FLEA MARKET is on its way. Chod WB2CHO says we are now an official ARRL hamfest. The raffle grand prize could be either a 10 meter transceiver or (yawn) another 2 meter HT. After discussion, the consensus was to go with the 10 meter rig. Volunteers are still needed.

NEW BUSINESS:

REPEATER QUESTIONS: Hank W6DTV wants to know 1) if P/L is required for the 9*1 (911) emergency autodial. (Yes -- no way to have it for autopatch but not for emergency nr's) and 2) What ever happened to the plan to put '73 on VOX access like the 145.13 repeater? N1AL thought we checked that out and it turned out not to be true squelch. Hank will ask around.

We need volunteers for **NET CONTROL STATION** for the Tuesday night net.

The PROGRAM was an excellent video on the great Yellowstone fires of 1988, courtesy of the CDF.

Kurt KA6EYN missed out on the member lottery so the \$ will be held over 'till next month.

KB6PTA wants to know what has been done by the Antenna Committee? Discussion followed re local antenna restrictions.

The meeting adjourned at 9:22 PM. m/s WD6DPE/WB6SMY

Respectfully submitted by Al Bloom N1AL, Secretary

TREASURER'S REPORT

FOR MONTH ENDING July 31, 1989

ACCOUNT	REVENUE	EXPENSE
Activities (Field Day)	90.09	
Refreshments at meetings ..	4.65	5.97
Dues and Initiations	55.00	12.00
Fund-Raisers (ARRL).....	45.00	38.00
Repeater		332.62
Short Skip Newsletter		30.00
	194.74	418.59

ASSETS:

General Fund Account	1611.74
Cash/checks on hand	35.08
Total General Fund	1646.82
Total Repeater Fund	1785.07

- de N6PTM

1989 SCRA FLEA MARKET

by Chod Harris WB2CHO

The SCRA Flea Market at the Sonoma County Fairgrounds on Saturday, September 16, is off to a great start. The grand prize will be a complete 10-meter station, including antenna, thanks to help from Zane Bates at the Montgomery Village Radio Shack store.

September 16 is also Amateur Awareness Day, and we will be operating a station from the fairgrounds to demonstrate Amateur Radio to the public. San Francisco Section Manager Dick Wilson K6LRN will be available at the ARRL table. [Ed note: Rumor has it there may be a special award presented by ARRL Pacific Div. Director Rod Stafford KB6ZV.]

We still need lots of volunteers to help make this event a great success. We especially need people to put in an hour or two at the refreshment stand, as parking lot attendants, and at the registration table. To volunteer, call Chod Harris at 523-1001 during the day, or 526-2198 in the evening.

And tell your friends to come to the Flea Market on the 16th!

10 YEARS AGO

IN SHORT SKIP



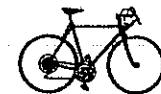
The club picnic coming up on the 8th was the topic of conversation in the September 1979 *Short Skip*. Len K6ANP, Ron WB6NBR and Vern K6CNJ just got back from the Reno Ham Convention. Ron claims he behaved himself.

Rose had another birthday, but refused to tell WA6ACX how many it made. She thought those big numbers would just confuse him.

Two Novice classes were to start Sept 10 and 12 with Dave WD6AJR and Don KB6LO teaching with help from Lyle N6BLN, Scott WA7UVE, Ron WB6NBR and several others. Other classes were being organized in Windsor, Sebastopol and the Valley of the Moon.

Other activities planned were sponsorship of a Boy Scout Amateur Radio Explorer Post, window displays in Santa Rosa, a transmitter hunt, and construction of a communications trailer.

THANKS!



Dear Radio Amateurs,

The Santa Rosa Cycling Club wishes to extend out deepest gratitude to your organization for your help during our annual *Wine Country Century* and *Terrible Two* rides. Your time, energy and expertise certainly mean a lot to us.

We, the SRCC, would like to contribute \$100 to your general club funds in recognition of the enormous debt we owe you. Enclosed is our check.

Thanks to all you guys and gals. Keep up the good work!

Sincerely,
Sandy Dechene, Prez. SRCC



DE K6LRN, ARRL SM

Enclosed is a copy of the September Section News for the San Francisco Section. Due to Steve Ewald's absence from HQ, ours and others were omitted from QST. - Dick Wilson K6LRN, ARRL SF Section Manager.

Marin ARC is missing a PS-430. WB6JOY has donated up-grade info on disk for C-64. N6HAB became a Silent Key, our condolences. The HARC, FWRA, RARC and SHARC planning joint pot-luck for 10 Sept. WA7QNP has moved to Eureka area. KA6NEO and KA6SFX demonstrated Ham Radio at Grant School's Exploration Day. KA6OQJ has retired from the NWS. The Mendocino ARL is working with RACES and CDF's VIP program. WR6D helped patch up the K6GWE RTTY machine. Amateur antennas in Marin County are about to become regulated under the "Ridgetop telecommunications Policy Plan". While designed to protect Marin County's scenic skyline and other sensitive areas from a proliferation of commercial and other radio installations, the planners want to include hams in "the Plan". This would affect those of us in the unincorporated areas of the county, but could affect the cities as well, as the planners are encouraging the cities adoption of the "Plan". Traffic: N6FWG 42. ■

NEW AND RENEWED MEMBERS

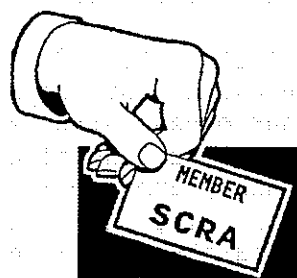
SINCE LAST MONTH

Robert H. Ferguson
809 Gilardi Dr.
Petaluma, CA 94952
762-7064

Don Prescott N6OTD
2342 Valley West Dr
Santa Rosa, CA 95401
525-9063

Mario Dieli N6VUB
PO Box 570
Guerneville, CA 95446
869-9365

We now have
177 members.

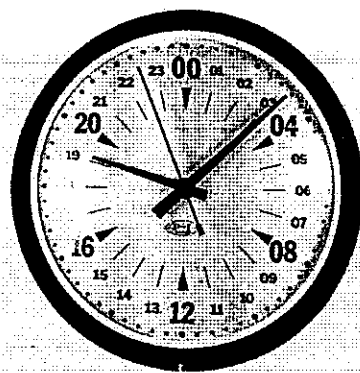


NEWS of Amateur Radio

A JOINT EAST-WEST HAM SATELLITE will be launched in mid 1990. AMSAT-DL in West Germany and the Soviet amateur satellite organization ORBITA have a tentative agreement to launch a RUDAK satellite aboard the Russian RS-14 launch vehicle. RUDAK-2 will have AX.25 packet capability so that digipeating and limited mailbox operation will be possible. Tnx Westlink Report.

RECALIBRATE THAT HEATHKIT VTVM. As of January 1, 1990, the National Bureau of Standards will be adjusting the standard volt 9.2 parts per million and the standard Ohm 1.7 ppm. These correspond to .00092% and .00017%, respectively. Westlink

PRB-1 WORKS FOR MESA HAMS. 75-foot towers are now legal in Mesa AZ following 6 months of negotiations between Mesa City staff and the Superstition ARC. Assistance came from ARRL Volunteer Counsel Neil Wake KV7O, Sen. Barry Goldwater K7UGA, the Am. Red Cross, Maricopa County CD & Emergency Services, US Army MARS, and many more. Tnx ARRL Letter



24-Hour Wall Clocks

Official time is displayed on easy to read 12 in. dia. face with sweep-second hand. Electric model runs on 120 volts and is equipped with 5 ft. of three-wire cord. Battery operated model has quartz movement and is powered by one AA size penlight battery (not included). Clock is housed in sturdy, black textured plastic with a glass crystal. The same clock used in airports and military installations worldwide.

7830A 24-Hour Electric Clock\$45.00
3363A 24-Hour Battery Operated Clock\$27.50
2066A Energizer® Alkaline AA Battery\$1.25

For those who prefer a mechanical 24-hour clock, Glenn WBØDKT recommends this one. (The battery-operated model.) Sporty's Pilot Shop, 1-800-543-8633. ■



"PACIFICON '89"

1989 ARRL PACIFIC DIVISION CONVENTION
October 6, 7, & 8 at The Le Baron Hotel in San Jose



The Santa Clara County Amateur Radio Association invites all with an interest in amateur radio to a real barn-burner of amateur radio information, training, and good fellowship. There will be something for everyone, the beginner, the experienced, the young, the not-so-young, the licensed and the hopeful. We promise you a good time, but you have to attend to enjoy it.

STARTING ON FRIDAY

0900 A bus will take a group, not exceeding 40, to Stanford Linear Accelerator Center to attend a lecture by one of the scientists followed by a tour of the facility. If you are interested in learning the latest about exploring the atom, sign up early to be sure of a seat. Bus fare for this trip is \$9.00. 1800 a session on emergency communications followed by opening remarks by the Pacific Division Director and a social mixer. 2030 THE GASLIGHTER THEATER in Campbell (just a few miles and you will get an easy to follow map using your own transportation) to see MELODRAMA: witness pathos guaranteed to make the strongest man weep; deeds so dastardly that the frailest of women must be restrained from tearing the villain limb from limb. VAUDEVILLE: most highly qualified and adept proponents of the vocal and terpsichorean arts bringing you a collection of songs, dance, and comedy -- Sophie Tucker, Mae West, dancing frogs and others. Reduced price tickets are \$9.00, including FREE POPCORN limited block of tickets, sign up early..

SPOUSES SATURDAY

0800 A bus will whisk spouses to the South of Market garment district of San Francisco. There you will be able shop at discount prices for all those items on your wish list. Discount prices are the norm, and there are always sales offering even lower prices. The bus returns at about 1730. The cost of this trip is \$19.00, but you will receive \$17.00 in cash back coupons making the trip cost \$2.00, if you use all of them. The ladies, who scouted this trip for us had a ball.

HOTEL RATES \$55.00/night 1 or 2 occupancy. Ask for convention special.

Call 800 538 6818 outside CA
Call 800 662 9896 inside CA

EXHIBITOR HOURS 0900-1700 on
Saturday - 0900-1300 Sunday.
SESSION HOURS 0900-1700 on
Saturday - 0900-1300 Sunday
LICENSE TESTS Sat & Sun AM
"FOX HUNT" Sunday AM

YOUTH FORUM

We ask you to sponsor a youngster or youngsters at the convention. AA6PZ and others are preparing a forum aimed at them. A drawing will be held to award a prize to a youngster and one to his sponsor.

MISCELLANEOUS

GRAND PRIZE: KENWOOD TS940
A PRE-REG PRIZE TO BE GIVEN
NUMEROUS OTHER PRIZES
HOTEL REGISTRATION PRIZE
Early Hotel Registration
Prize Drawing before 9/15
Pinnars donated by hotel

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BEEF BANQUETS \$25.00/EA.....	00
YOUTH REGISTRATION 18 yrs & under.....	00
GASLIGHTER THEATER \$9.00/EA.....	00
SPOUSE TRIP \$19.00/EA.....	00
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Letters to Westlink Report

HRO to ARRL: No on No-Code!

Westlink Report has obtained a copy of the following letter, sent by the management of the Ham Radio Outlet store chain to all ARRL directors. It is presented here in its entirety, unedited.

June 15, 1989

Dear Directors,

You will decide whether the ARRL will endorse the recommendations of your "No-Code" committee. We have some concerns that need to be brought to your attention.

The amateur radio fraternity has the impression that the No Code movement is an industry ploy designed to simply increase sales without regard to the long-term good of the hobby. For example, why was Radio Shack suddenly SO interested in the idea of No Code? What ulterior motive could they have?? How/why was Radio Shack chosen to represent the amateur radio industry on your committee? How much experience does Radio Shack have in amateur radio other than their controversial 10 meter mobile??

Secondly, look at the committee proposal recommending 200 kHz of 2 meters to packet only.... Now look at the other industry representative on your committee...AEA...enough said!!

Thirdly, the CQ Magazine reader survey results may NOT be representative of the actual overall amateur population. Remember, those surveyed are CQ's subscribers, who have been subjected to editorial after editorial about how "serious" the "problems" are within amateur radio, and how the No Code license is the "cure." We have taken our own random survey in some of our stores and are finding sentiment to be 60% OPPOSED to the idea of No Code. Local radio clubs are polling their members. The Palo Alto ARC recently voted 40 AGAINST, 4 in favor. What REALLY is the consensus of the amateur population?

We are opposed to the No Code proposal as presented by your committee. We feel the inclusion of 2 meters is a major mistake. Actually, is a No Code license necessary? Our numbers are GROWING at 3.3% per year: that is very controlled healthy growth. A No Code license is not going to attract thousands of teen-agers. Today's youth is fascinated by the "high technology" of the computer field, not ham radio. The people attracted to ham radio today are the sailboaters, the engineer types, SWLers and the retirees. Our hobby has simply matured, and as we see it there is no turning back.

Please don't get caught up in the "HYPER" that our hobby is dying off, and we're going to lose all of our frequencies, and the end is near. An influx of 100,000 new "hams" (dreamer) will, in all likelihood, not sway the FCC one way or another. True, we may lose a portion of a band now and then (220 Mhz), but please remember, we have recently acquired 10, 18, 24 and 902 MHz., none of which have been activated to any extent. In closing, we ask that you NOT endorse the findings of your committee. We suggest you bring the proposal more in line with the desires of your members. Look closely at the 2 meter allocations which definitely are opposed by the majority.

Please review the unsuccessful Canadian No Code License. We are fearful that "selling out" to certain commercial interests who originated the "No Code" proposals will do irreparable harm to a hobby that has brought much joy to all of us. You will find only a select group of commercial interests are actually in favor of No Code as suggested by the steering committee. Many others, including Ham Radio Outlet, stand firmly opposed.

We are fearful that "selling out" to those who are unwilling to take the time to learn the code would be a mistake. You would remove the one basic thing that has always held the amateur radio operator apart from the rest of the community, the knowledge of the Morse Code. Please, don't be fooled into making a mistake that could change our hobby in a negative way forever.

Bob Ferrero, W6RJ
Life Member ARRL
President, Ham Radio Outlet

Jim Rafferty, N6RJ
Life Member ARRL
Vice President, Ham Radio Outlet

CC: Larry Price, President, ARRL
David Sumner, Executive Vice President, ARRL

RACES NEWS

FROM CA STATE OFFICE OF
EMERGENCY SERVICES (W6HIR@WA6NWE)

RACESBUL.080
August 28, 1989

ICS RACES RESPONDERS CHECKLIST

This checklist applies to State RACES personnel and is recommended to the RACES in other jurisdictions and organizations using the Incident Command System.

1. Receive your assignment and mission or order number.
2. Check in at the incident base or where directed above.
3. Obtain briefing from supervisor. This should include sleeping, feeding, and other details.
4. Acquire work materials if required.
5. Organize and brief subordinates. Everybody has a supervisor.
6. Observe communications procedures and discipline.
7. Brief your relief as you would want to be briefed.
8. Complete necessary forms and record keeping.

THE MOST IMPORTANT ASPECT OF WORKING WITH OTHER MEMBERS OF THE ICS ORGANIZATION IS MAINTAINING A GOOD WORKING RELATIONSHIP BY KEEPING THE COMMUNICATIONS CHANNELS OPEN.

Stan Harter KH6GBX, State RACES Coord. CA

AMATEUR RADIO EXAMS

IN NORTHERN CALIFORNIA

PO=PREREG ONLY
PP=PREREG PREFER
WO=WALK-INS ONLY
SW=SOME WALK-INS

09 02 VISALIA-----9 AM ?? 209 734-9516
09 02 CUPERTINO---9 AM WO 408 243 8349
09 07 MODESTO---6:30 PM WO 209 883-2968
09 09 LOS ALTOS H.11 AM WO 408 255-9000
09 09 LOS ALTOS H. 8 AM FLEA MARKET ***
09 09 SACRAMENTO---9 AM PO 916 483-3293
09 09 NOVATO-----9 AM WO 415 897-8950
09 09 MODESTO-----9 AM WO 209 883-2968
09 16 PORTERVILLE9:30AM WO 408 255-9000
09 16 CUPERTINO---9 AM WO 408 243-8349
09 16 SANTA ROSA---1 PM PP 707 823-4544
09 17 SUNNYVALE---11 AM WO 408 255-9000
09 30 MERCED-----9 AM WO 209 383-2166
09 30 ROSEVILLE---? ?? PO 916 485-1783
10 01 CLEARLAKE---11 AM WO 408 255-9000
10 01 CLEARLAKE TECHNICIAN CLASS ONLY-
10 01 CHICO-----1 PM PP 916 342-1180
10 7-8 --ARRL PACIFIC CONVENTION--S.J.-
10 07 CONCORD---1:30 PM WO 408 255-9000
10 07 HANFORD-----9 AM WO 408 255-9000
10 07 SOUTH S.F.--10 AM PP 415 333-1916
10 07 STOCKTON 12:30 PM WO 408 255-9000
10 14 LOS ALTOS H.11 AM WO 408 255-9000
10 14 MONTEREY-----9 AM WO 408 624-2564
10 15 SUNNYVALE---11 AM WO 408 255-9000
10 28 MORGAN HILL 11 AM WO 408 255-9000
11 09 LOS ALTOS HILLS WO 408 255-9000
11 09 " 7:30 PM TECHNICIAN ONLY
11 11 LOS ALTOS H.11 AM WO 408 255-9000
11 11 JACKSON-----9 AM PP 209 295-7947
11 16 SACRAMENTO-6:30PM PO 916 483-3293
11 16 SACRAMENTO TECHNICIAN CLASS ONLY-
11 18 SACRAMENTO---9 AM PO 916 483-3293
11 18 SACRAMENTO GENERAL--EXTRA CLASS--
11 18 TUOLUMNE CITY9 AM WO 209 883-2968
11 19 SUNNYVALE---11 AM WO 408 255-9000
11 25 STOCKTON 12:30 PM WO 408 255-9000
12 02 CONCORD---1:30 PM WO 408 255-9000
12 02 VISALIA-----9 AM ?? 209 734-9516
12 03 CLEARLAKE---11 AM WO 408 255-9000
12 03 CHICO-----1 PM PP 916 342-1180
12 07 MODESTO---6:30 PM WO 209 883-2968
12 09 LOS ALTOS H.11 AM WO 408 255-9000
12 09 MODESTO-----9 AM WO 209 883-2968

TNX TO: SUNNYVALE VEC ARC. SEND UPDATES AND CORRECTIONS TO: SP W6NLG @ KA6JLT
Tnx N6IIU BBS

AMATEUR RADIO EXAMS

by Steve Lund WA8LLY

WHEN: Saturday, September 16, 1989.
Written Exams: 1:00 PM
Code Exams: 2:00 PM

WHERE: Emergency Operations Center (EOC), 600 Administration Drive, next to the Sheriff's Office at the County Administration Center. The EOC is directly across from the new jail.

DETAILS: All exam levels, Novice thru Extra. (No fee for the Novice class exam.)

Send your completed FCC Form 610, a check for \$4.75 made out to "ARRL-VEC", and a copy of your license to:

Steve Lund WA8LLY
10180 Mill Station Rd.
Sebastopol, CA 95472-9655
(707) 823-4544 (after 7:30 PM)

The new Form 610 does not have a check-off box for the license class you are applying for. Please attach a note indicating what tests you plan to take. This will help me in ordering enough material.

If you need forms or directions to the EOC, please send a business-size SASE to the above address.

ON EXAM DAY bring the following:

- Your ORIGINAL license.
- Photo ID. (Prefer Calif driver's license)
- 2 soft lead pencils.
- Calculator. If programmable, you must show that the memory has been erased. ■

Radio Shack

STORE NO. 3855

ZANE BATES

MANAGER

510 FARMERS LANE
SANTA ROSA, CA. 95405

TELEPHONE
546-8423

NOSTALGIA (Tnx Unix Notes)

I laughed so hard I almost snorted an antler when mbutts@mentor.com (Mike Butts) said,

"I wish some enterprise would put out an old ham radio [equipment] calendar... They would find no shortage of candidates. Collins, Hallicrafters, the National HRO-500, the Johnsons, the Hammarlund HQs, Heath, Drake, you know what I mean. I'd pay \$15 or \$20 for one that I could hang in my office all year. It might make a good fundraiser for some needy cause (like ARRL?)"

I love it, Mike. And here are some candidates for the first year (and then some):

■ Heathkit AT-1 transmitter (Heath's FIRST, with 50 smokin' watts of raw 6L6 CW power on 80, 40, and 15, all for under 30 bucks - the quintessential Novice rig for the rest of us)!

■ Johnson Ranger transmitter (the quintessential Novice rig for RICH kids)!

■ Heathkit GD-1 grid dip meter (complete with the 5 plug-in coils and coil holder)!

■ Heathkit VF-1 VFO (but not until you get your General, boy)!

■ Heathkit DX-100 transmitter (you can't afford it, but your rich cousin has one). The pre-CB 11-meter coil is easily converted to 6 meters, but you don't bother because you're soon building your very own:

■ Johnson 6N2 transmitter (goodbye, General - hello, Technician, and welcome to the wonderful world of post-Novice QRO VHF)!

■ Hallicrafter SX-43 receiver (cool if only because they looked like the radios you used to see them using in WWII movies to listen to dogfights between P-40s and Zeros over Burma - complete with the wood speaker enclosure with the "H" cutout)!

■ National SW-54 receiver (the SWL's standby - WWV on a good night)!

■ National NC-98 receiver (the SWL's aspiration - Radio Moscow on a good night, and Sputnik on a good morning)!

■ Hammarlund HQ-110 receiver (forget about it but your rich cousin has one of these, too)!

■ Collins 75A1/2/3/4 receiver (nobody you know even knows anyone who actually OWNS a 75A4 - you're positive someone makes phony Collins face plates to cover up HQ-110's for those fuzzy shack pictures you see in QST.)

■ Gonset 2-meter (and/or 6-meter) transceiver (the grey classic - 6 watts of AM, complete with handle, four crystals, noise squelch you never used, all four megacycles [I mean, megzHERTZ, sorry...] of the band squeezed into a two-inch dial, and a burgundy rcv/xmit lever switch that could've come straight off a Dictaphone.) [Ed note: We knew it as the "Gooney Box".]

■ Gonset 2-meter (and/or 6-meter) linear amp (when you knew you weren't going to get your General for a while. You discover tropo scatter, aurora, double-E hop, and - finally - a real need for CW, and proceed to work 42 states on 6 meters. In the process, your newly-motivated code speed creeps up to about 15 WPM, and you now find yourself in proud possession of an General ticket and a brand-new...

■ EICO 720 transmitter - all CW and all of 75 watts - the ultimate Novice rig you never had when you were a Novice. And one morning about eight years later, the year you go off to college, the great circle closes in its cosmic way: Before your next renewal comes up, you walk out of a graveyard shift in a mainframe computer room on Long Island in a daze, and God tells you to drive down to the FCC office on Christopher Street in Manhattan and take your Extra Class exam cold, and you do, and 20 years later you're a QCWA old-timer with a two-letter call.

* * *

I don't know where the Gonset rigs went, but from the first rainy day in the back of our local TV repairman's shop when I was 12 years old, when I watched him use one to work some guy about three miles away in Brooklyn on 2M phone, I resolved to get my Novice ticket. And the hum of the transformer, and the smell of the burning phenolic, and the glow of those 826s, and (Continued page 7)

the 5x9 from the guy in Brooklyn, got me through an awful lot of nights of wondering whether five years of electrical engineering with a bunch of guys who still wouldn't know a 6L6 from a 6-pack when they graduated was worth it.

And to tell you the truth - as I sit here pounding a Wyse 60 connected to a 386 PC working more usenet DX at a keystroke than I ever did on 20 CW - I don't know if a Yaesu HT would have the same effect on me all over again today. They just don't smell the same.

But I'd sure pay a lot to have a calendar with a photo of the OM's '56 Buick with that ridiculous 6-meter HALO antenna cruising down Greenpoint Avenue.

73, Bruce Steinberg, N6LZ



COMING EVENTS:

SCARS NET: 146.73 MHz
Tuesdays at 7 PM.

VE EXAMS HOTLINE NR:
408-984-8353

SEPTEMBER:

- 4 - RACES etc. Net 7:30 PM
- 6 - SCRA meeting 7/7:30 PM
- 9 - Foothill College Flea Market
- 9-11 - ARRL September VHF QSO Party
- 21 - CDF/VIP Meeting 7:30 PM
- 16 - SCRA Flea Market
- 18 - RACES etc. Net 7:30 PM
- 24 - Sonoma Co. Diabetes Soc. bike tour

OCTOBER:

- 4 - SCRA meeting 7/7:30 PM
- 6-8 - ARRL Div Convention, San Jose
- 7-8 - California QSO Party
- 21-22 - ARRL Simulated Emergency Test

NOVEMBER:

- 1 - SCRA meeting 7/7:30 PM
- 5 - Windsor Whale Run
- 4-6 - ARRL Sweepstakes, CW
- 18-20 - ARRL Sweepstakes, Phone

W1AW SCHEDULE:

NEW CW FREQUENCIES are now in effect for 40, 20 and 15 meters.

SLOW CODE PRACTICE: (5 to 15 wpm)
MWF: 6AM, 4PM. TThSSn: 1PM, 7PM.

FAST CODE PRACTICE: (35 to 10 wpm)
MWF: 1PM, 7PM. TTh: 6AM. TThSSn: 4PM.

CODE BULLETINS: (18 wpm)
Daily: 2PM, 5PM, 8PM. MTWThF: 7AM.

RTTY BULLETINS: (BAUDOT/ASCII/AMTOR)
Daily: 3PM, 6PM, 9PM. MTWThF: 8AM.

VOICE BULLETINS:
Daily: 6:45PM, 9:45PM.

CODE PRACTICE AND CW BULLETIN FREQS:
1,818, 3,581.5, 7,047.5, 14,047.5, 21,077.5, 28,077.5, 50,080, and 147,555 KHz.

RTTY BULLETIN FREQUENCIES:
3,625, 7,095, 14,095, 21,095, 28,095, 147,555 KHz.

VOICE BULLETIN FREQUENCIES:
1,890, 3,990, 7,290, 14,290, 21,390, 28,590, 50,190, 147,555 KHz.

A DX Bulletin replaces the normal bulletins on Fridays (UTC).

In an emergency, monitor W1AW for special bulletins: Voice on the hour, RTTY at 15 minutes past, and CW on the half hour.

OTHER CODE PRACTICES:

W6QIE 3590 KHz 5-30 WPM
Daily except Mon 8 PM

K6RAU 3760 KHz Monthly course for beginners. (New session starts 1st Monday) Monday thru Friday 6:30 AM

W6ADO 7100 KHz 6/10/14 WPM
English & Spanish. Each word repeated. 24 hours a day