



HANK'S SWAP SHOP

Hank Davis, W6DTV 7822 Washington Avenue
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(Noncommercial ham ads are printed for free)

DRAKE TWINS R4B, T4XB, power supply and
manuals. \$350. WB6TMX 539-3627.

SHURE 44. WANT: Tri-band beam 10/15/20.
Art NR6G 579-6923.

DON'T FORGET HAMFEST '89 ON MAY 21 IN FOLSOM, CA IN THE SACRAMENTO VALLEY.
FREE ADMISSION. FREE PARKING. \$7.00 FOR ALL SPACES. FOOD/DRINKS. TALK IN ON 145.190 (-).
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Sonoma County Radio Amateurs, Inc.
PO Box 116
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ADDRESS CORRECTION REQUESTED

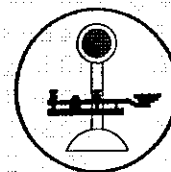
RCA VOLTOHMIST 110V/battery operation \$25.
W6DTV 823-7885.

DRAKE TWINS R4C T4XC PS spkr man Best offer.
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ISOPOLE 144 2 mtr base station antenna, 2
years old never used in box \$40 or Best
offer. Curtis KB6GIV 209-477-3279.

TRADE: TH25-AT Kenwood or sale. Jack KJ6EC
576-0408.

WANT: Any information on a Tektronix Type
160 L/C meter or a General Atronics Model
AN/USM-117C military surplus oscilloscope.
Mike KB6BSH 526-7644, eves.



SHORT SKIP



Sonoma County Radio Amateurs, Inc.

MAY 1989

Club Station

W6LFJ

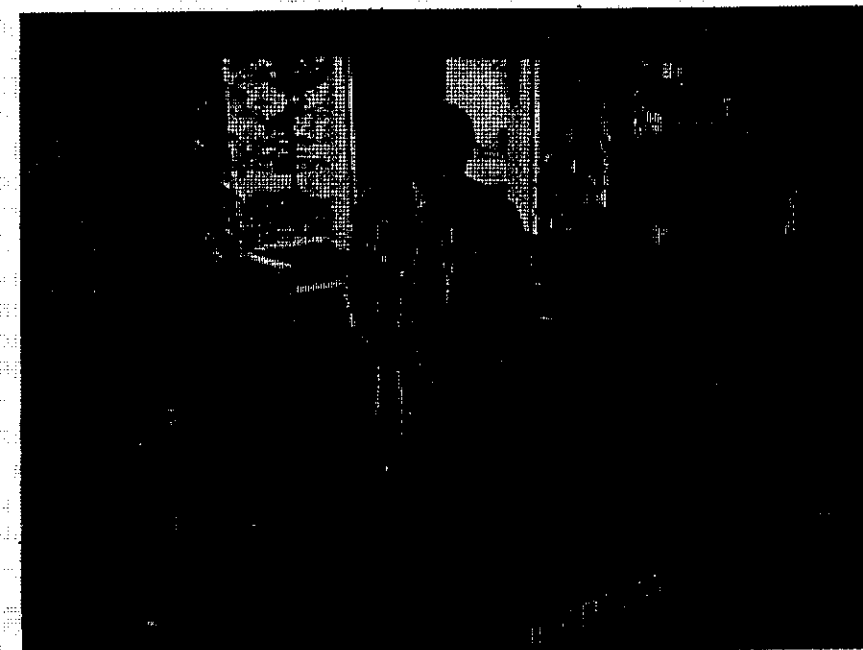
P.O. Box 116

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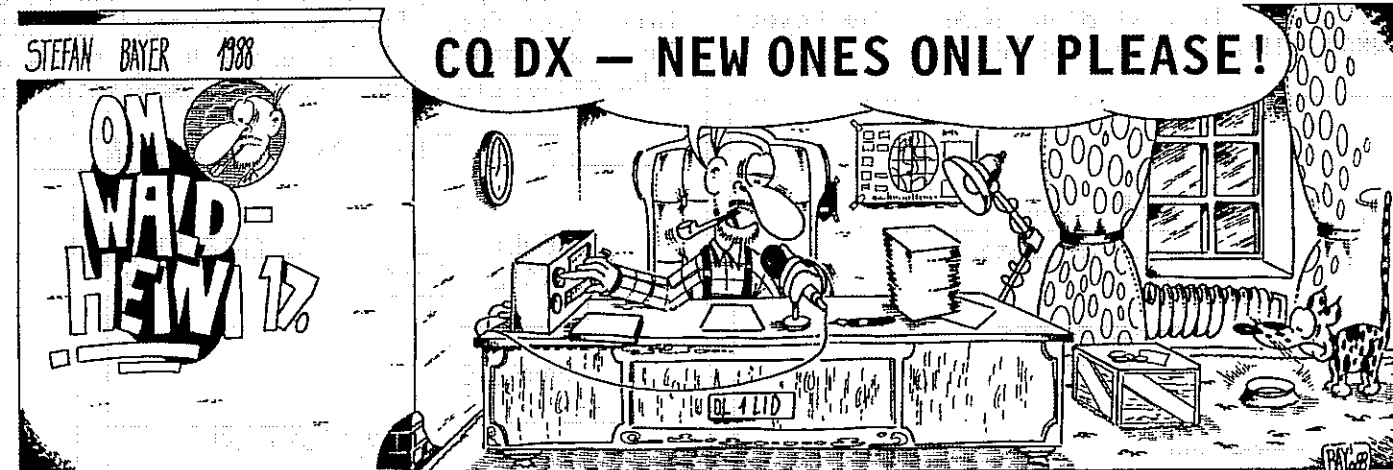
Repeater Station

WB6PVS

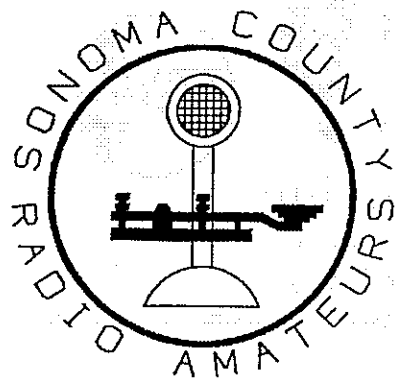
VOL 14 # 5



John W6TLK (seated) at the radio at Community Hospital during
the County Earthquake Drill April 6. See story page 3



cq-DL



OFFICERS FOR 1989

PRESIDENT: Glen Crowover 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
 REFRESHMENTS @ MEETINGS: Bob Olsten WD6DPE
 GREETER AT MEETINGS: Jane Vanderslice N6NTB
 MEMBERSHIP LOTTERY: Bob Scolnick K6GEV
 QSL 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: WA6ACX, WW6D, WA8LLY, WB6PDP
 W6TLK, WB6TMY, KF6WV
 AWARDS CHAIRMAN: Steve Lund WA8LLY 823-4544
 XMAS PARTY: Steve Schaffer KD6GC 546-8860
 INTERFERENCE CHR: John Lynch W6CCY 823-1357

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: May 3, 1989
 PROGRAM: Field Day video

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

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



PARKING

VENTURA AVE

MENDOCINO AVE

Radio Shack

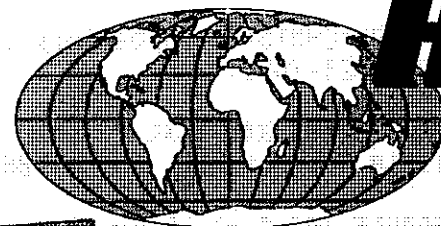
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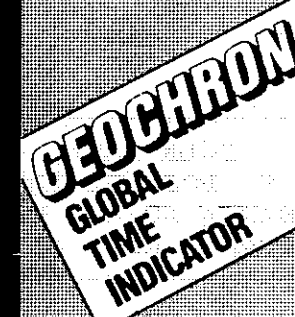


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Doraville, 1 mi. north of I-285

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

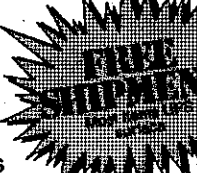
OAKLAND, CA 94606
2210 Livingston St.
(415) 534-5757
Al, Mgr. WA6SYK
17N-5th Ave. / 17S-16th Ave.

PHOENIX, AZ 85015
1702 W. Camelback Rd.
(602) 242-3515
Bob, Mgr. K7RDH
East of Hwy. 17

SAN DIEGO, CA 92123
5375 Kearny Villa Rd.
(619) 560-4900
Tom, Mgr. KM6K
Hwy. 163 & Claremont Mesa Blvd

VAN NUYS, CA 91411
6265 Sepulveda Blvd.
(818) 988-2212
Al, Mgr. K6YRA
San Diego Fwy
at Victory Blvd

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SCRA MINUTES

APRIL 12, 1989



The meeting was called to order by President Glen Crowover N6DNB at 7:38 PM. Other Officers present: Vice Pres. John Wallack W6TLK, Secretary Alan Bloom N1AL, Treasurer Jim Pelmulder N6PTM, and Members-at-Large Bob Olsten WD6DPE and Chuck Sabin N6DDK.

Jane N6NTB introduced the **VISITORS**: Barbara Transfelter, Phil Splaine, and Dick Wilson K6LRN, ARRL SM.

UPGRADES since the last meeting are KC6CAJ/AA and KB6LWV/KT.

The **MINUTES** from last month were approved as printed in *Short Skip*. m/s N6PTM/W6TLK

The **TREASURER'S REPORT** by N6PTM was approved and shows \$1001.41 in the General Fund and \$1981.65 in the Repeater Fund as of March 31. m/s N6DDK/WA6ACX

PUBLIC SERVICE EVENTS will total 5 next month. April 16 is the Crop Walk for world hunger. On the 23'rd the Coddington Lions Club sponsors a 3-in-1 race. Two events need our help on April 29: The March of Dimes WalkAmerica and the Special Olympics at the JC. The week after we do the Mucky Moodoo event in support of a local school.

REPCO REPEATER: The club's "transportable" repeater was pressed into service for last Thursday's earthquake drill. It is located at N6PTM's QTH on a 310' hill 3 mi north of Sebastopol on Hwy 116. Coverage was good at least down into Vallejo. Jim would like reports on how it got out.

This repeater and duplexers are mounted in a short rack on rollers that can be lifted by two people. We now have an antenna and mast to go with it. N6DNB commented that with the starting problems the County is having with the generator on Sonoma Mt., we need to keep the Repco at the ready.

OLD BUSINESS: We still need a volunteer to coordinate the Flea Market.

INTRODUCTIONS at club meetings were started last meeting without a vote to do so, according to N6KMJ. A vote was taken with 17 voting in favor of re-starting the roundtable introductions and 9 voting against.

NEW BUSINESS: K6LRN introduced himself. Dick was appointed ARRL San Francisco Section Manager after NA6T had to resign for personal reasons. A new election is coming up -- it only takes a petition signed by 5 ARRL full members to nominate someone.

Dick brought us up to date on the big tower battle in Marin County. After granting the ham a permit, the County has reneged, even though the ham is 70 years old, has had a stroke, and is willing to let the permit die with him. He wants a 60 foot tower with a 3-el 40 meter Yagi on top. So far, the 4-year battle has cost him \$68,000.

Station activity reports can be sent to Dick at POB 4212, San Rafael 94913.

The **FIELD DAY** site is confirmed for Two Rock according to N1AL. We still need a chairman. We plan to have this year's annual **PICNIC** on Sunday noon right after Field Day.

We need a **NCS** for the club net next month. KB6LWV Jack volunteered.

The **PROGRAM** for the evening was a roundtable discussion on **PACKET RADIO**. N6DNB discussed how packet mailbox systems were used in the earthquake drill. They permit lots of traffic to be passed in a short time through one receiving station. N1AL gave a short tutorial on packet radio in general, the **NETROM** networking system, simple mailbox-type bulletin board systems, and the full-featured bulletin boards that link with the Westnet automatic message routing system.

The **RAFFLE** featured prizes from HSC Electronics, Farmer's Lane Radio Shack, and the ARRL. Thanks to all three donors.

The **MEMBERSHIP LOTTERY** was lost by Garry N6ONZ who would have won \$31.30 had he been present to collect.

Adjourned at 9:21 PM. m/s N6KMJ/N6FYV

Respectfully submitted by Al Bloom N1AL, Secretary.

RACES DRILL RESULTS

By Jim Rutherford
 RACES, Chief Radio Officer

I would like to thank all of you who took part in the April 6 drill. It was by far the biggest RACES participation in a county-wide drill. The county was very impressed, and any doubt about the RACES readiness was set to rest. I think you will also be impressed when you see the numbers that follow. We had a total of 74 operators at 46 locations. There were 7 EOC'S covered, 6 hospitals and 7 packet stations. We passed 333 messages in two and a half hours and volunteered about 520 hours of time.

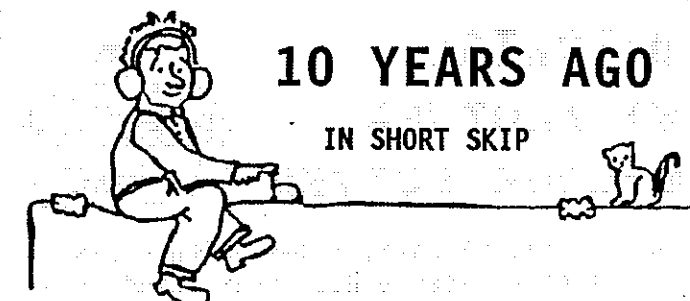
There have been two critiques with input from 29 operators. Even though we did an outstanding job, there is always room for improvement, especially in the message-passing department.

In a real major earthquake we can expect our repeater to be off the air; this is the reason we ran so much of the drill on simplex. Simplex caused us some problems as we expected, but we did pretty good with what we had. Sonoma and Petaluma EOC'S were unable to talk to the county EOC, but hopefully this will cause some actions to be taken that will help our simplex coverage.

The SCRA repeater worked very good from it's new location in Sebastopol. It covered the county pretty good and even got a S-9 report from Vallejo. Thanks to Jim N6PTM who donated the location and Jack KB6LWV for helping with installation, and Hank for the loan of a UHF antenna. The SCRA repeater will continue to be available for emergency service.

Our tactical and packet nets were jammed with traffic. This was good to see and hard to deal with, but in a real emergency we don't foresee this much traffic in such a short amount of time. Our packet message form will be updated as a result of the drill.

Thanks again for your interest and please remember the net on the first and third Mondays at 1930 on 146.73.



An interesting want ad in the May 1979 *Short Skip* ran as follows: "WANTED Blinders and a chokechain for retraining an OM. Contact Betty AG6C." Did this have anything to do with the news item about Hoppy WD6CKP and fellow mechanic WB6VSD checking out some rear ends down by "Everybody's Talking"?

The March of Dimes Walkathon was successful in part due to the HAMS who rendered communication and transportation services.

Signups were being taken to man the club booth at the Sonoma County Fair. (Back when they didn't charge us full commercial rates to get in!) SCARS and the Marin club participated as well.

To: SCRA

Enclosed is our check for Kermit's [KB6GBV] dues. He enjoys *Short Skip* so much as it helps him keep in touch with all you folks.

Sorry I'm late with his dues, but am finally home from the hospital and well on the road to recovery.

Thanks again!

Rose Shirk
 Belen, NM

To: SCRA

I have been in Letterman twice this year, and three times last year, so have been inactive. Getting better.

- Jim KA6BYX

EDITORIAL:
YET ANOTHER
NO-CODE LETTER



In April QST, OM Harry Helms AA6FW claims that the code license has never acted as a "filter" to screen out undesirables. For proof, he tells us to listen to 75 meters or some of our 2-meter repeaters. On the same page, Bob Locher W9KNI claims that "in spite of initial reservations by many amateurs" at the time the Novice license was introduced, the result has been a net benefit to amateur radio.

Is amateur radio better today because of the Novice license? I believe the answer is not so clear. Our numbers have increased since the entrance standards were lowered. The CB boom of the 60's & 70's brought in many ex-CB'ers who had become disenchanted with the chaos on "chicken band." Many of these folks have become fine amateurs. Others have either dropped out due to lack of interest, or turned into those 75 meter loonies or repeater jammers mentioned by AA6FW.

Whatever disadvantages it may have, the CW exam does act as a filter. The question is, how fine a filter do we want? The looser the screen, the more chaff gets through with the wheat.

I might be persuaded to go along with a codeless license if I were confident the written exam would remain tough enough to act as the filter. Unfortunately, over the course of time, license requirements tend to ease, and privileges tend to increase. When I took the Novice exam (1968), the license term was for one year only, non-renewable. Power input was limited to 75 Watts, crystal control (no VFO). There were three HF Novice bands, 80, 40 and 15 meters, (CW only of course). The code exam required 1 minute of solid copy without error. I recall the written exam as being harder also -- I understand that the present Novice syllabus does not even cover Ohm's law.

I think we're barking up the wrong tree. Novice enhancement has not brought in many new hams. No amount of tinkering with the FCC regulations will cause hordes of high-

quality candidates to beat down our doors. If people are truly fascinated with the hobby, the Novice code and written exams will not stop them. We must find ways to stimulate that interest if we are ever to attract the type of people who will be a credit to amateur radio.

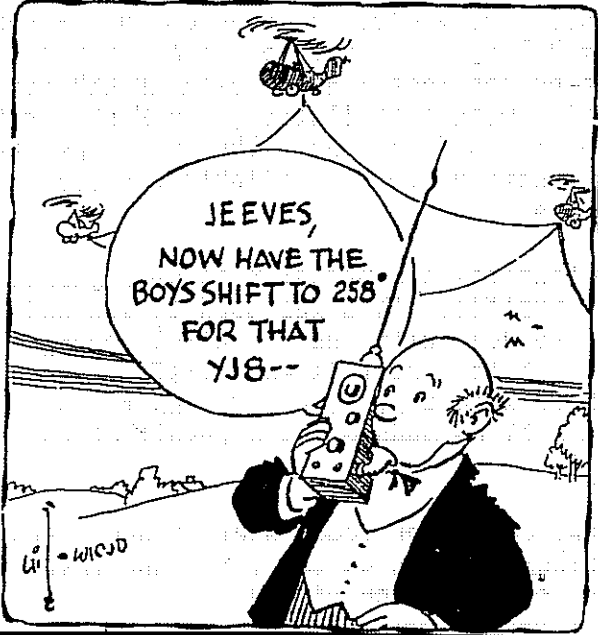
ARE YOU SOMEBODY ELSE?

There's a clever person called Somebody Else there is nothing that ham can't do. They're busy from morning till late at night just substituting for you. You're asked to do this, you're asked to do that

and what is your ready reply? Get somebody else, Chairperson, they can do it better than I. There's so much to do in our club, so much, and the workers are few, and Somebody Else is getting tired and worn just substituting for you. So next time you're asked to do something, just give this honest reply: If Somebody Else can give time and support, you can bet your last dime, so can I.

From YLRL newsletter, Tnx W6DTV.

There is a new repeater serving Yosemite Valley on 147.00, +.600. Tnx LARK



AMATEUR CALLS ISSUED

AS OF APR. 1, 1989

EXTRA	ADVANCED	TECH/GEN	NOVICE	DISTRICT
WSOI	KFOB	NOKJD	KBOEFB	0
NV1Y	KC1OA	N1GKL	KA1TMF	1
WN2Z	KE2MA	N2JDT	KB2HLH	2
NU3H	KD3ME	N3GYP	KA3UJR	3
AB4NO	KM4QA	N4VHV	KC4JSH	4
AA5LA	KG5SW	N5ODB	KB5IWZ	5
AA6ND	KJ6RY	N6URE	KC6COG	6
WY7T	KF7SN	N7MMK	KB7HHI	7
WQ8O	KE8XO	N8KNX	KB8GUB	8
WG9L	KE9PH	N9IHE	KB9CID	9
AH0H	AH0AE	KH0AM	WH0AAL MARIANA	
KH2K	AH2CE	KH2DS	WH2AMA GUAM	
AH3B	AH3AC	KH3AB	WH3AAC JOHNSTON	
	AH4AA	KH4AD	WH4AAF MIDWAY	
AH5A			PALMYRA/JARVIS	
	AH6JT	NH6ST	WH6CCJ HAWAII	
		KH7AA	KURE IS	
AH8C	AH8AD	KH8AH	WH8AAX AM. SAMO	
AH9A	AH9AD	KH9AD	WH9AAH WAKE	
	AL7KY	NL7QW	WL7BUH ALASKA	
NP2E	KP2BO	NP2CX	WP2AGQ VIRGIN I	
	KP4PY	WP4UY	WP4IHS PUERTO R	

CALL SIGNS ARE ISSUED BASED ON THE FCC FORM 610 MAILING ADDRESS. TNX TO: SUNNYVALE VEC ARC via KB6GOZ BBS.

COMING EVENTS:

Don't forget SCARS net on Tuesdays at 7 PM.

- MAY:
- 1 - RACES etc. Net 7:30 PM
 - 3 - SCRA meeting 7/7:30 PM
 - 6-7 - 10-10 CW QSO Party
 - 13 - ARRL 10 Meter Dash
 - 13 - Foothill College Flea Market
 - 15 - RACES etc. Net 7:30 PM
 - 18 - CDF/VIP Meeting 7:30 PM
 - 20-21 - Armed Forces Day
 - 21 - HAMSWAP'89 Folsom N6SNO 916-421-1890
 - 27-28 - ARRL 50 MHz Sprint
 - 27-28 - CQWW WPX Contest

- JUNE:
- 2-4 - ARRL National Convention, Dallas TX
 - 10-12 - ARRL VHF QSO Party
 - 24-25 - Field Day

AMATEUR RADIO EXAMS

IN NORTHERN CALIFORNIA

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

- 05 06 REDDIN-----9 AM WO 916 243-7382
- 05 07 FRESNO-----10 AM WO 209 924-4221
- 05 06 CUPERTINO----9 AM WO 408 243-8349
- 05 08 PLEASANT HILL 7PM WO 408 255-9000
- 05 08 PLEASANT HILL TECHNICIAN ONLY----
- 05 13 LOS ALTOS H.11 AM WO 408 255-9000
- 05 18 LOS GATOS----7 PM WO 408 243-8349
- 05 20 CUPERTINO----9 AM
- 06 03 SACRAMENTO---9 AM PO 916 483-3293
- 06 03 CUPERTINO----9 AM WO 408 243-8349
- 06 03 SOUTH S.F.--10
- 06 10 LOS ALTOS H.11 AM WO 408 255-9000
- 06 10 NOVATO-----9 AM WO 415 897-8950
- 06 17 PORTERVILLE9:30AM WO 408 255-9000
- 06 17 CUPERTINO----9 AM WO 408 243-8349
- 06 18 SUNNYVALE---11 AM WO 408 255-9000
- 07 01 CUPERTINO----9 AM WO 408 243-8349
- 07 08 LOS ALTOS H.11 AM WO 408 255-9000
- 07 08 JACKSON-----9 AM PP 209 295-7947
- 07 09 HANFORD-----12 PM WO 408 255-9000
- 07 15 MONTEREY-----9 AM WO 408 624-2564
- 07 15 CUPERTINO----9 AM WO 408 243-8349
- 07 16 SUNNYVALE---11 AM WO 408 255-9000
- 07 30 SANTA CRUZ---1 PM WO 408 255-9000

TNX TO: SUNNYVALE VEC ARC. SEND UPDATES AND CORRECTIONS TO: SP W6NLG @ KA6JLT Tnx KB6GOZ BBS.

SEPTEMBER:
16 - SCRA Flea Market

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COTATI, CA 94928

GEORGE SHEDORE
KS6W MANAGER

#	CALL	CLASS	NAME	ADDRESS	TOWN	ZIP	PHONE
71	KB6KUI	FAMILY	JEREMY LIGHT	829 SONOMA AVE #7	SANTA ROSA, CA	95404	527 0456
72	W7KXB	FAMILY#1	BILL HARRIS	852 W JEROME CIR	MESA, AZ	85202	602 838 0215
73	K6KZ	FAMILY#1	HARVEY J. LAWRENCE	521 TERESA CT	SEBASTOPOL, CA	95472	829 2350
74	N6LCR	FAMILY	LAURETTE ROBERGE	7124 ADRIAN DR	ROHNERT PARK, CA	94928	795 6611
75	N6LCZ	FAMILY#1	JOSEPH ROBERGE	7124 ADRIAN DR	ROHNERT PARK, CA	94928	795 6611
76	W6LCZ	FULL	KEN CHRISTENSEN	2615 RANCHO CABEZA DR	SANTA ROSA, CA	95404	542 2716
77	W6LQG	FULL	ART HAGOPIAN	34 LAUREL AVE	PETALUMA, CA	94952	762 2132
78	W6LOU	FULL	FRED PLANTE	10020 SKY CT. CLR	KELSEYVILLE, CA	95451	277 7377
79	K16LS	FULL	REN BACULO	5599 INVERNESS AVE	SANTA ROSA, CA	95404	584 8320
80	KB6LWV	FULL	JACK FOSTER	3213 STONY POINT RD	SANTA ROSA, CA	95407	576 9002
81	W6MED	FULL	ALLAN CHAPMAN	5602 RATERS DRIVE	SANTA ROSA, CA	95409	538 4935
82	N6MGY	FULL	WILBUR DALE	4030 BARNES RD	SANTA ROSA, CA	95403	528 1911
83	N6MHG	FULL	KEN HARRISON	4005 FRANKS CT	SANTA ROSA, CA	95405	579 1230
84	N6MMH	FULL	JEROME BECK	1661 HOPPER AVE	SANTA ROSA, CA	95403	575 5489
85	N6MSG	FULL	CLYDE ANDERSON	534 PARQUET	SEBASTOPOL, CA	95472	823 4830
86	K6MZ	FULL	LYLE ANDERSON	3801 MIRANDA AVE	PALO ALTO, CA	94304	
87	KB6MZE	FULL	JANET GREENE	1158 HARVARD DR	SANTA ROSA, CA	95405	578 0242
88	N6NTB	FULL	JANE VANDERSLICE	184 BOAS DR	SANTA ROSA, CA	95405	539 9682
89	KB6NVJ	FULL	JOHN HALL	813 MAPLE DR	PETALUMA, CA	94952	762 5198
90	KA7NZO	FULL	LEE SNYDER	19415 REDWOOD DR	MONTE RIO, CA	95462	865 1269
91	K6OEQ	FULL	ROBERT TUTTLE	440 JACKSON DRIVE	SANTA ROSA, CA	95405	542 4692
92	N6OH	FULL	WALT BRUUN	PO BOX 283	PETALUMA, CA	94953	763 0476
93	N6OJC	FULL	CHUCK FROUNFELKNER	PO BOX 800	GUALALA, CA	95445	884 4705
94	KB6OKA	FAMILY	EDNA HETCHLER	1257 BERTHA LANE	SANTA ROSA, CA	95405	578 7432
95	N6OKJ	FULL	PAUL HRENOFF	1525 MOONVIEW COURT	SANTA ROSA, CA	95401	528 7745
96	N6ONZ	FULL	GARRY PALMER	333 E. ROBLES AVE	SANTA ROSA, CA	95407	584 3425
97	N6OOA	FULL	PHILIP SCHLEYER	8105 B ST.	WINDSOR, CA	95492	838 2912
98	K16PD	FULL	HANS G. SORENSEN	9684 OCONNELL RD	SEBASTOPOL, CA	95472	823 2091
99	WB6PDP	FULL	JOEL POTTS	4355 PANORAMA DR	SANTA ROSA, CA	95404	545 0285
100	WB6PER	FAMILY	JIM RUTHERFORD	PO BOX 222	KENWOOD, CA	95452	526 2972
101	N6PHN	FULL	ROBERT A. MORRISON	537 EL DORADO CT	SANTA ROSA, CA	95404	544 4893
102	N6PMH	FAMILY	PAM BENDER	3638 HEMLOCK COURT	SANTA ROSA, CA	95401	526 5131
103	KB6PTA	FULL	TED L. DeCROFF	1044 MERCED AVE	SANTA ROSA, CA	95407	542 4008
104	N6PTM	FULL	JIM PELMULDER	2801 GRAVENSTEIN HWY No	SEBASTOPOL, CA	95472	823 7947
105	N6PWV	FULL	KEN RAWLES	613 HEWET ST	SANTA ROSA, CA	95401	546 9241
106	WA6PXW	FAMILY#1	FRANK DETTLING	PO BOX 962	PETALUMA, CA	94953	762 4087
107	N6PXY	FAMILY#1	ROBERT BOWMAN	1395 EASTMAN LANE	PETALUMA, CA	94952	763 3547
108	WA6QCL	FULL	DOUG DORMAN	1681 CARRIGAN LANE	UKIAH, CA	95482	
109	XE1RCU	FULL	DAVID SANCHEZ	POB 231	GUERNEVILLE, CA	95446	527 1725
110	N6RHQ	FULL	STEVE MILLER	5359 MCFARLANE RD	SEBASTOPOL, CA	95472	823 8015
111	W6RIA	FAMILY#1	WAYNE LIGHT	829 SONOMA AVE #7	SANTA ROSA, CA	95404	527 0456
112	N6RIG	FULL	CLYDE UNDERWOOD	1103 NAVARRO ST	SANTA ROSA, CA	95401	527 5468
113	N6RMW	FULL	BOB PHILLIPS	1508 PLUMERIA DR	SANTA ROSA, CA	95403	542 5209
114	KF6RS	FULL	RAYMOND P. HEIL	197 GILBERT DRIVE	SANTA ROSA, CA	95405	528 3332
115	N6RXA	FULL	RICK SEALOCK	1372 MIRAMONTE PL	ROHNERT PARK, CA	94928	
116	N6RXY	FULL	STEVEN J. R. CONSANI	1140 OLIVE ST	SANTA ROSA, CA	95407	545 2010
117	N6RYA	FULL	STEVE BECK	5643 VERNI RD	SEBASTOPOL, CA	95472	823 5882
118	WA6SEU	FULL	PHIL RICHARDSON	3613 CYPRESS WAY	SANTA ROSA, CA	95405	527 0935
119	WB6SMY	FULL	LYMAN WILTSHIRE	1000 ADOBE CANYON RD	KENWOOD, CA	95452	833 2000
120	K6SRD	FULL	LOWELL LUX	4567 BRIGHTON DR	SANTA ROSA, CA	95403	546 7099
121	KA6SSL	FULL	RICH FREITAS	8600 MILL STATION RD	SEBASTOPOL, CA	95472	823 0431
122	W6SVC	FULL	FRANK GILMAN	89 ALMA AVE	ROHNERT PARK, CA	94928	795 5374
123	K6TCD	FULL	BILL MEYER	6516 MEADOWGREEN PL	SANTA ROSA, CA	95409	539 1489
124	KA6THB	FULL	BOB DAWSON	225 DECKER ST	SANTA ROSA, CA	95401	542 4885
125	DJ6TJ	FULL	HANS BERG	MENGSTRASSE 37	2400 LUEBECK, W. GERMANY		
126	W6TLK	FULL	JOHN WALLACK	7661 SONOMA HWY	SANTA ROSA, CA	95409	833 1873
127	N6TMV	FAMILY	BARBARA BOWMAN	1395 EASTMAN LN	PETALUMA, CA	94952	763 3547
128	WB6TMY	FULL	TRACY REESE	PO BOX 4694	SANTA ROSA, CA	95402	527 8124
129	WB6UAZ	FAMILY#1	KATHI BOYETT	1326 DOGWOOD DRIVE	SANTA ROSA, CA	95403	544 7943
130	KB6UCM	FULL	HAROLD BALDWIN	110 11th ST	SANTA ROSA, CA	95401	527 0868
131	KB6UOJ	FULL	TOM HITCHCOCK	3411 SIDNEY SQUARE	SANTA ROSA, CA	95405	544 0911
132	KB6UWY	FULL	RALPH HYDE	1803 AUSTIN WAY	SANTA ROSA, CA	95404	528 0726
133	WB6VSD	FULL	NORMAN HOOK	9801 OLD REDWOOD HWY	WINDSOR, CA	95492	838 4568
134	W6VXI	FULL	BUREN EAGLE	309 CORONADO DR	PETALUMA, CA	94952	762 8776
135	W1WFM	FULL	WILLIAM HEAVENS	3384 MCNAHUE RD	SANTA ROSA, CA	95401	575 1638
136	KE6WL	FULL	BRIAN KOTZIAN	2601 MCBRIDE #4	SANTA ROSA, CA	95403	528 3004
137	KD6XF	FULL	BUD BARTLETT	35 MISSION DR	PETALUMA, CA	94952	763 2119
138	K6XZ	FULL	ROBERT CRAIG	5519 EL ENCANTO CIRCLE	SANTA ROSA, CA	95409	539 1693
139	KF6YL	FULL	MICHAEL SCHUMACHER	5822 LOWELL COURT	COTATI, CA	94928	795 2555
140	WA6YTW	FULL	BOB E. DAVIS	305 EAST SPAIN ST.	SONOMA, CA	95476	938 2033
141	K6ZIV	FULL	LARRY MULLINIX	8507 VICKY LANE	SEBASTOPOL, CA	95472	823 8447
142	WB6ZRP	FULL	JACQUES A. WIBIER	496 GREENWOOD DR	SANTA ROSA, CA	95407	578 1927

NEW PACKET BBS

SONOMA COUNTY HAS ITS FIRST FULL-FEATURED
PACKET BULLETIN BOARD SYSTEM ON THE AIR:

The KB6GOZ PBBS at the Two Rock Coast Guard Training Center is a PC-based system with tie-in to the Westnet system that forwards messages anywhere in the country. Frequency is 144.97 MHz with a gateway to 14.107, so you can work packet DX with your 2M rig!

Just CONNECT to KB6GOZ. At the prompt, you can enter "H" to get the following Help:

"For help on a specific command, enter H x where x is the command for which you wish help. For example, H R will give help for the READ command. Optional fields of the commands are shown inside "["]"

COMMANDS

Messages: (K)ill (L)ist (R)ead (S)end
Files: (D)ownload (U)pload (W)hat
GateWay: (C)onnect (M)onitor (RT)RoundTable
Misc: (B)ye (H)elp (I)nfo
(J) Who? (N)ame (T)alkTo sysop
(V)ersion (?) Same as H

H - Gives a summary of the commands.

H x - Gives an explanation of command x.

Example: H R Details read command.

H * - Gives an explanation of all commands.

LIST help: (most-used commands only)

L - List all new messages since last log-in.

L # - List all messages back to message #.

LL # - List the last # messages.

L> call - List all messages to this call.

L< call - List all messages from this call.

LB - List all bulletins.

LM - "List Mine". (Messages TO you.)

LT - List all NTS traffic.

SEND help:

S? xxxx [@ yyy] Send message type '?' to station 'xxxx', at optional BBS 'yyy'. End text entry with a ctrl-Z or /EX.

"?" is an optional "type" of message:

B - Bulletin.

P - Personal. Only the addressee can read.

T - NTS Traffic"

TREASURER'S REPORT

FOR MONTH ENDING FEBRUARY 28, 1989



ACCOUNT	REVENUE	EXPENSE
Refreshments at meetings ..	13.24	*13.49
Raffle at meetings	31.00	60.00
Dues and Initiations	590.00	
Fund-Raisers (ARRL).....	45.00	41.00
Badges		18.45
Misc	8.50	2.42
Short Skip Newsletter	64.00	90.72
Westlink Report		7.51
Membership Supplies.....	18.00	
Officers' Expenses		8.00

ASSETS:

General Fund Account	904.39
Cash/checks on hand	97.02
Total General Fund	1001.41
Total Repeater Fund	1981.65

* Plus \$.50 IOU from KA7YXF - de N6PTM



NEWS of Amateur Radio

ARRL COMMITTEE PROPOSES NO-CODE LICENSE.

A new basic Technician class would have all bands/modes above 50 MHz, except packet only on two meters. The written exam would be somewhat harder than the Tech. Special call signs (possibly from the "NA" group) would be issued. Details are in May QST.

FCC HAS DENIED TWO PETITIONS. W2FJ's would

have allowed SSB on the 30 meter band. N6QQQ wanted to allow Technicians to use packet in the 80, 40 and 15 meter Novice bands. (Tnx Westlink Report)

MACC SAYS NO! The Mid-America Coordination Council won't release confidential repeater data to ARRL Repeater Coordinators' Database due to security concerns. This essentially kills the concept of a national coordination framework administered by ARRL. MACC will continue to provide repeater listings to the Repeater Directory. (Tnx Westlink Report)

THE NEW ARRL REPEATER DIRECTORY has come out and is available for \$1 from ARRL.

ALL ABOUT ELECTRICITY

By Joe Strolin K1REC via The QRA News

I have been fiddlin' with electricity for 50 years! While I'm still able, I'd like to pass along some of my vast knowledge about this stuff.

1. Electricity is manufactured in power plants where it is fed into wires and wrapped around large drums that hang on poles.
2. Some electricity does not need to go through wires, like that used for lightning, for example, and portable radios. This kind of electricity is not manufactured, but just hangs around in the air, loose.
3. Electricity makes a low humming noise. This noise may be pitched differently for use in telephones, doorbells and electric organs.
4. Electricity must be grounded before it can function -- except in airplanes, which have their own arrangements.
5. Although electricity does not leak out of an empty socket, if you put your finger in the socket, you can tell it's there. So if it is not leaking out, what else is it doing?
6. Electricity is made of two ingredients, negative and positive. One ingredient travels along a wire covered with white plastic, the other ingredient along a wire covered with black plastic. These two wires connect to a device called a plug. There the two ingredients are mixed to form electricity.
7. Electricity may be stored in boxes, called batteries. Big batteries do not necessarily hold more electricity than small ones. In big batteries, the electricity is shoveled in, while in small batteries, it is packed in flat.
8. The electric switch contains a sort of vise grip that squeezes the wire very hard so the electricity can't get through. Opening (turning "on") the switch releases the vise grip, and the electricity can flow.

9. Electricity goes into a light bulb where for the first time we can see it! It is enlarged many times by the curvature of the bulb, which is made of magnifying glass.

10. Why does the light bulb blow out? 'Cause as any schoolboy knows, heat converts oxygen into moisture. When all the oxygen in the bulb becomes moisture, then the water quenches the spark.

11. Colored electricity lights red and green bulbs and stoplights.

12. Negative electricity runs refrigerators.

13. Some people who don't understand electricity wire their fuseboxes to hold little glass things with fuse wire in them. I find chicken wire better, and it won't blow out, even if the dryer goes up in flames.

Despite all this vast knowledge, I still don't understand a few things about electricity, like how a computer that speaks English can be programmed to speak French, which is a different voltage? Also neon signs are a mystery. How is the electricity trained to spell out things? How does the electricity know when the toast is ready?

P.S. Most of what I have learned was from Readers' Digest. Tnx Worldradio News.



SONOMA COUNTY RADIO AMATEURS MEMBERS AS OF 4/25/89:

#	CALL	CLASS	NAME	ADDRESS	TOWN	ZIP	PHONE
1	KB6AAD	FULL	HOWARD GLANDON	118 VALLEY LAKES	SANTA ROSA, CA	95409	539 6098
2	WA6ACX	FAMILY#1	DON OSBORNE	9070 GREEN VALLEY RD	SEBASTOPOL, CA	95472	829 0565
3	W6AFQ	FULL	CLAY FISHER	5858 CHANNEL DR	SANTA ROSA, CA	95405	539 9460
4	W6AHH	FULL	ROBERT D. BROWNE	2339 MEYERS DRIVE	SANTA ROSA, CA	95403	542 2756
5	N1AL	FULL	AL BLOOM	1578 LOS ALAMOS RD	SANTA ROSA, CA	95409	538 7115
6	WA6AGA	FAMILY	RUTH S. LAWRENCE	521 TERESA CT	SEBASTOPOL, CA	95472	829 2350
7	N6AVD	FULL	L. PAUL DIXON	18759 KING CT	SONOMA, CA	95476	938 1472
8	KB7BLC	FAMILY	DOROTHY HARRIS	852 W. JEROME CIR	MESA, AZ	85202	602 838 0215
9	KB7BLD	FAMILY	MICHAEL HARRIS	852 W. JEROME CIR	MESA, AZ	85202	602 838 0215
10	KB7BLE	FAMILY	LISA HARRIS	852 W. JEROME CIR	MESA, AZ	85202	602 838 0215
11	KC6BSH	FULL	MICHAEL REILLY	609 HEWETT ST	SANTA ROSA, CA	95401	526 7644
12	KC6BSI	FULL	PHILIP GAUL	739 WHEELER	SANTA ROSA, CA	95404	544 2572
13	KG6BW	FULL	GEORGE KING	2416 SYCAMORE COURT	SANTA ROSA, CA	95404	575 9923
14	K6BWV	FULL	DICK MADDOX	2435 MURDOCK DR	SANTA ROSA, CA	95404	578 8825
15	KA6BYX	FULL	JAMES HOBART	2053 HUMBOLDT ST	SANTA ROSA, CA	95404	546 3225
16	AG6C	FAMILY	BETTY BRAVIN	3411 COFFEY LANE	SANTA ROSA, CA	95403	542 6750
17	WD6CKP	FAMILY#1	HOPPY BRAVIN	3411 COFFEY LANE	SANTA ROSA, CA	95403	542 6750
18	W87CNJ	FULL	ROBERT R. WRIGHT M.D.	320 CANDLELIGHT DR	SANTA ROSA, CA	95403	571 8262
19	WN6D	FAMILY	JIM BOYETT	1326 DOGWOOD DRIVE	SANTA ROSA, CA	95403	544 7943
20	WN6D	FAMILY#1	DOUG BENDER	3638 HEMLOCK COURT	SANTA ROSA, CA	95401	526 5131
21	N6DBZ	FULL	MIKE TERSARKISSOFF	POB 84	SEBASTOPOL, CA	95472	823 0697
22	N6DDK	FULL	CHUCK SABIN	8345 BRAND LANE	PENNGROVE, CA	94951	795 2371
23	WA6DGG	FULL	LEWIS KIMBALL	719 BONNIE AVE	ROHNERT PARK, CA	94928	795 3858
24	N6DIP	FULL	FRANCIS RALPH	901 WASHINGTON ST	CALISTOGA, CA	94515	942 6894
25	KB6DJG	FULL	DAVE ELMORE	1727 LAGUNA RD	SANTA ROSA, CA	95401	544 3537
26	KA6DJY	FAMILY	JOHN KOBOLD	2433 APPLETREE DR	SANTA ROSA, CA	95401	544 5330
27	WB0DKT	FAMILY#1	GLENN HETCHLER	1257 BERTHA LANE	SANTA ROSA, CA	95405	578 7432
28	N6DNB	FULL	GLEN CROWNOVER	1735 ARROYO SIERRA CRCL	SANTA ROSA, CA	95405	577 8081
29	WD6DPE	FULL	BOB OLSTEN	3723 ARIZONA DR	SANTA ROSA, CA	95405	546 5593
30	W6DTV	FAMILY#1	HENRY DAVIS	7822 WASHINGTON AV	SEBASTOPOL, CA	95472	823 7885
31	WD6DXW	FULL	BILL THOMAS	5341 THOMAS RD	SEBASTOPOL, CA	95472	823 9429
32	K6EAN	FULL	BOB BENDT	18 TERRACE DR	COTATI, CA	94931	792 1525
33	W2EBG	FAMILY#1	GENE JOHNSON	2437 WIDGEON CT	SANTA ROSA, CA	95401	578 3104
34	KB6ENY	FULL	JAY GOLDBERG	5836 YERBA BUENA RD	SANTA ROSA, CA	95409	538 2723
35	KA6EYN	FULL	KURT R. IRMITER	1068 WREN DR	PETALUMA, CA	94952	763 7486
36	N6FAX	FAMILY	SARAH DAVIS	7822 WASHINGTON AV	SEBASTOPOL, CA	95472	823 7885
37	N6FQZ	FULL	JACK GUGGOLZ	1123 PALOMINO RD	CLOVERDALE, CA	95425	894 5798
38	KF6FX	FAMILY	IRMA OSBORNE	9070 GREEN VALLEY RD	SEBASTOPOL, CA	95472	829 0565
39	N6FYV	FAMILY#1	CONNIE FREITAS	923 NORLEE ST	SEBASTOPOL, CA	95472	823 9691
40	NR6G	FULL	ARTHUR J. HALL	5555 MONTGOMERY DR #68	SANTA ROSA, CA	95405	579 6923
41	KB6GBV	FULL	KERMIT SHIRK	4 GAVILAN RD	BELEN, NM	87002	505 864 6858
42	KD6GC	FULL	STEVE SCHAEFFER	2320 MARK WEST SPRINGS	SANTA ROSA, CA	95404	546 8860
43	K6GEV	FULL	ROBERT N. SCOLNICK	900 LIBERTY ROAD	PETALUMA, CA	94952	762 8874
44	K16GG	FULL	FRANK LA POINTE	19753 PHOENIX LAKE RD	SONORA, CA	95370	209 532 6569
45	N6GHG	FULL	BILL SPLAINE	1360 FOOTHILL DR	HEALDSBURG, CA	95448	431 8636
46	KB6GIU	FULL	CURTIS BRAUCHER	7319 WOODSIDE DR	STOCKTON, CA	95207	209 477 3279
47	KH6GJV	FULL	BILL HILLENDahl	PO BOX 4151	SANTA ROSA, CA	95402	539 2791
48	AA6GT	FULL	DONALD LOARIE	13711 CHALK HILL RD	HEALDSBURG, CA	95448	433 4565
49	N6GTF	FAMILY	HELEN DETTLING	PO BOX 962	PETALUMA, CA	94953	762 4087
50	W6GYY	FAMILY#1	JIM T. HALL	20747 TEMELEEC DR	SONOMA, CA	95476	938 1559
51	N6GZV	FAMILY#1	MAY KOBOLD	2433 APPLETREE DR	SANTA ROSA, CA	95403	544 5330
52	WD6HCF	FAMILY	JUNE HALL	20747 TEMELEEC DR	SONOMA, CA	95476	938 1559
53	KA6HGW	FULL	BART HOLMES	2818 COCHINA CT	SANTA ROSA, CA	95401	528 3955
54	KB6HT	FULL	RAY MILLER	8099 B STREET	WINDSOR, CA	95492	838 4189
55	W2HWQ	FULL	BILL KOCZON	PO BOX 2927	PETALUMA, CA	94953	763 5405
56	KJ6HY	FULL	BILL PATTERSON	2307 MAHER DR #5	SANTA ROSA, CA	95405	546 4787
57	WA6HYE	FULL	BOB MENGELBERG	1623 SCHAEFFER RD	SEBASTOPOL, CA	95472	823 3520
58	K16IA	FULL	DWYANE C. KENNEDY	60 HILLSIDE AVE	SAN RAFAEL, CA	94901	415 459 2066
59	KD6IB	FULL	PAUL R. PHILLIPS	151 ALDERBROOK DR	SANTA ROSA, CA	95405	546 6986
60	N6IY	FULL	BRIAN TORR	1625 GANAY ST	SANTA ROSA, CA	95401	575 5871
61	KB6IOT	FULL	OLIVER KILBEY	2985 FULTON RD	FULTON, CA	95439	545 8175
62	N6IRJ	FAMILY#1	SUSAN RUTHERFORD	PO BOX 222	KENWOOD, CA	95452	526 2972
63	NY7J	FULL	H.L. (LARRY) CLARK	7708 SONOMA HWY	SANTA ROSA, CA	95409	833 1155
64	K16JC	FULL	RAUL TAIBO	PO BOX 27	VINEBURG, CA	95487	938 9175
65	K16KE	FULL	JAMES A. JOHNSTON	400 TWIN LAKES CIRCLE	SANTA ROSA, CA	95409	538 2857
66	N6KIJ	FULL	KEN PERRY	21791 BONNESS RD	SONOMA, CA	95476	938 3114
67	N6KMJ	FAMILY	RUSSELL ONEILL	923 NORLEE ST	SEBASTOPOL, CA	95472	823 9691
68	W6KNO	FULL	JACK JACKSON	18 HIGHGATE RD	KENSINGTON, CA	94707	524 8911
69	W6KIT	FULL	TOM SEHABIAGUE	2781 WARM SPRINGS RD	GLEN ELLEN, CA	95442	525 1751
70	KB6KTX	FAMILY	BEA JOHNSON	2437 WIDGEON CT	SANTA ROSA, CA	95401	578 3104