

HANK'S SWAP SHOP

Rick Reiner K6ZWB 150 Stony Point Rd Phone: 542-6907 Santa Rosa, CA 95401 (Noncommercial ham ads are printed for free)

This is the last Swap Shop by Hank W6DTV. In future, give listings to Rick, address above.

KENWOOD 940S, mic, ext spkr, keyer, no manuals \$1100. Chris 415-485-2951.

BUTTERNUT BEAM 10 ft tower, 6 ft mast, best offer. Bot K6EAN 792-1525.

YAESU 470 HT, 144/440, 12V bat, Higain ant, best offer. Gary KC6WTE 575-9119.

80 METER LOADING COILS for trade. 144/440 MAG MOUNT antenna, trade for 5/8 wave mag-mount. Bob N6RMW 542-5209.

ICOM ICO2AT 2 mtr HT, BC35 charger, BP3, BP8 wall chrgr, ELH-2600 40W amp, LM-MM mag mount ant, leather case \$400. Bob WA600I 542-2663.

HEATHKIT TWINS SB300/400 receiver/transmitter, 3 mikes \$135. Dennis 544-0366.

YAESU FT470 144/440 HT, wall charger, 7.2V/600, 12V/600 batts, 5 hr quick charge, 2 ext mikes, DC charger adapter, mobile bracket, desk top stand, dry cell battery pack, telescope ant \$500. Billy KD6IJU 763-0965.

HEATHKIT SB313 rcvr 9 bands + 80/40/15. YEASU YS60 HF SWR meter 20/200/2000W. HEATHKIT HW-16 80/40/15, internal supply, CW, external VFO. REALISTIC DX-302 rcvr. Call for prices: Kevin KC6NNK 765-4472.

HEATHKIT SB101 transceiver 80/10 meters, SB200 linear amplifier with 572B finals, freq display, scan-o-lyzer, SB610 monitor scope, station console, phone patch. \$500. Bob WA6HYE 823-3520.

[Continued page 9]

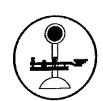
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MINDROK' CF 95492 214 MITD OFK DE MBREFRZ 10HM BRECKENKIDGE

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



SHORE SKIP



Sonoma County Radio Amateurs, Inc.

Club Station

JANUARY 1993

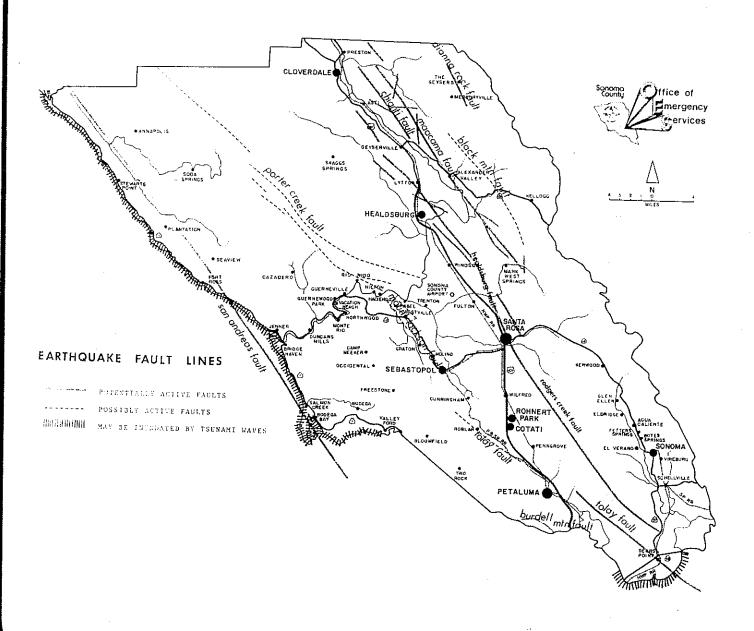
W6LFJ

P.O. Box 116 Santa Rosa, CA 95402 Repeater Station WB6PVS

VOL 18 #1

Sonoma County does have its faults...

(Make your New Year's resulutions now: Earthquake-proof your house and join RACES)



SHORT SKIP

OFFICERS FOR 1993					
PRESIDENT:	Rick Reiner	K6ZWB	542-6907		
VICE PRESIDENT:	Pete Sourek	KC6UXM	838-0622		
SECRETARY:	Alan Bloom	N1AL	538-7115		
TREASURER:	Jim McLaughlin	WAZEWE	573-0277		
MEMBERS-AT-LARGE:	Kelly Cureton	KD6CJQ	527-1531		
	Merlyn Pfeiff	N6VUC	584-3898		
REPEATER CHAIRMAN:	Jim Rutherford	WB6PER	526-2972		
ACTIVITIES CHR:	Jim Pelmulder	N6PTM	823-7947		
SHORT SKIP STAFF:					
EDITOR:	Alan Bloom	N1AL (e)	538-7115		
1578 Los Alamos Rd	, Santa Rosa, CA 95	5409 (d)	577-3981		
CIRCULATION MGR:					
SWAP SHOP:	Rick Reiner	K6ZWB	542-6907		

ARRL Liaison: Alan Bloom Ast. Director: Chuck Sabin N6DDK 795-2371 Badge Chair: Fred Leoni

N1AL 538-7115 N6YEU 431-8202

Activities Committee:

Pub. Service: Kathy Mahan KC6UXJ823-4980 N6GHG 431-8636 QSL Mgr: Bill Splaine N1AL 538-7115 TVI/RFI: Al Bloom KM6TN 578-5824 Antennas: Joe Senft John KM6LI, Shep NH6ZY, N1AL Steve Lund WA8LLY 823-4544 Awards: AA6YX 527-0981 VEC Exams: Dave New N1AL WX3K WN6D W6DTV

WB6FRZ AB6OL N6OLD AA6RD K6UXO KK6XT KC7VS WA8LLY

Education: John Breckenridge WB6FRZ 838-6398 N1AL KC6RHA WB6TMY KK6VY K6ZWB KC7VS K6XZ

Refreshmnts at meetings: Bob Olsten WD6DPE Greeter at Meetings: Shelly Sourek KD6AFZ Raffle at meetings: Phil Richardson WA6SEU Walt Burandt KC6RHB Membership lottery:

Repeater Control Op's:

WB6PER Jim 526-2972 N6PTM Jim 823-7947 WD6CKP Hoppy542-6750 N6VUC Merl 584-3898

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 (Novice through Extra), volunteer exams, RACES, DX programs, packet radio, hidden xmtr hunts -- you name it.

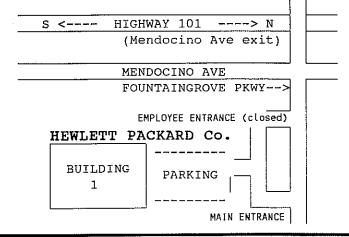
We invite you to attend our next monthly meeting (see below) or check into the Tuesday night SCARS net on the 146.13/73 repeater at 7PM. You will hear the latest Amateur Radio Newsline broadcasts, announcements of SCRA activities and a Swap Shop. If you would like to join SCRA, please refer to the dues listed below. Hope we can have an "eyeball" QSO with you at the next meeting! 73 ...

Club Meetings:

7:30 PM, 1st Wednesday each month at the Hewlett Packard plant in Santa Rosa. Anyone interested in Amateur Radio is welcome.

Next Meeting: January 6, 1993

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



HANK'S SWAP SHOP (From p12)

SHORT SKIP

YAESU 767GX 160-10, desk mic, ant sw, low pass filter \$1400. Jerry N6MMH 537-0954.

TOWER, 55 FT, 3-section commercial. Solid material, not tubing, 18" sides \$50/section. Bob W6NPJ 539-4406.

TOWER, ROHN 26, 6 sections, enc bottom sect, tapered top, wall bracket, rotor base \$325. Paul WB6CZJ 894-1893.

FREE: old Motorola 2 meter transceivers. Hudson 584-3423.

KENWOOD 940S mic, ext spkr, keyer, no manuals \$1100. Chris 415-482-2951.

VERTISOFT system doubledisk \$30. AEA FAX facsimile receiver \$75. All new in box, never used. Fred W6LOU 277-7377.

WOOD CALLSIGNS, phone Mike 939-8700.

WANT: External VFO for Kenwood 180S. HAM4 ROTOR with brake \$100. 1992 ARRL HANDBOOK \$15. 1992 US CALLBOOK \$15. 1992 DX CBK \$15. Don KD6HQ 546-1217. ■



[Next column]

Application for	Membership in S	SCRA	
Name		Lic. Class	
Addr.	Phone Nr	() New Mbr	
ZIP	Date	() Renewal	
Dues: \$12/year, \$18/year family. New mew members only are pro-rated \$1 (\$1.50)	embers also pay a \$4/per family) per month, startin	son initiation fee. Dues for g at renewal time, March 1.	
I WOULD LIKE TO PARTICIPATE IN:	() Helping with SCRA Flea Market() Acting as club Net Control Station		
() Public Service Events	() Helping with	Short Skip newsletter	
() RACES or ARES Emergency services() Field day, other operating events	() Taking a Nov () Teaching a N	ice class ovice class	
	() Taking an up	grade class upgrade class	
() Other	. () leadining an	upgrade class	
Badge (New Members only)	Membe	rship Lottery	
Fill in this section exactly as you want it to appear on your badge.	(\$.25 per m	neeting "fun lottery")	
Callsign	Callsign	unit talliani i	
First Name	I wish to pa	articipate:	
City	YES ()	NO ()	

HSC ELECTRONIC SUPPLY

GOODIES FOR THE RADIO AMATEUR:

RAMSEY KITS:

- 2 Meter Synthesized FM Transceiver
- 2 Meter 30 Watt Amplifier
- All-mode HF receivers
- QRP CW Transmitters
- Etc...

ARRL BOOKS:

- ARRL Handbook
- License Manuals
- Antenna Books
- Etc...



POPULAR BRANDS:

- MFJ
- Ameco
- Larsen
- Antenna Specialists
- Sangean
- **■** Etc...

NECESSITIES:

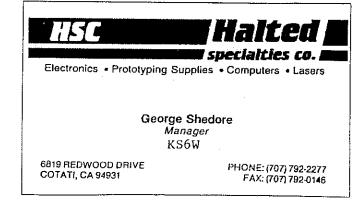
- Code keys
- Wire Antennas
- Surplus Electronics
- Tools, parts, Etc...

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- Complete systems
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- Software, Etc...



1992 Christmas Party

SHORT SKIP

Everyone had such a great time last year at Cattlemen's restaurant that we decided to have the Christmas party there again this year. Besides the awards shown in the photos, the following members received recognition:

Bob Olsten WD6DPE for quietly providing the refreshments at every SCRA club meeting for the last decade.

Kathy Mahan KC6UXJ for her tireless efforts leading the Public Service activities this year.

Alan Bloom N1AL for his duties as *Short Skip* editor and Secretary.

And Merlyn Pfeiff for the great job he did as President this year.



Merl N6VUC and last year's President Jim Pelmulder N6PTM shared the club of the year award that was presented at the ARRL Division convention.

Despite appearances, people aren't *really* bowing to Hank Davis W6DTV. But he did get a standing ovation for his services as Swap Shop editor.



JANUARY 1993

Club member of the year was a surprised John Wallack W6TLK. John's many contributions to the club are not always the most visible, but nonetheless invaluable.



John Breckenridge WB6FRZ is responsible for many of the new Novice and Technician licenses that have been issued in Sonoma County over the past few years.



Page 3

SONOMA COUNTY RADIO AMATEURS, INC.

Short Skip **Helpers Needed**

by Alan Bloom N1AL



We need a new Circulation Manager for Short Skip. Duties are to fold, seal and label the mailing each month and take it to the bulk mail room at the Santa Rosa main post office. Time required is one evening a month plus stopping at the Post office the next day.

We also could use some columnists. Rick K6ZWB has agreed to take over the Swap Shop. Now we need someone to do a News column (you get a free subscription to the ARRL Letter and Westlink Report). A DX column would be of interest. You could base it on the weekly W1AW DX bulletin (available on any packet BBS) plus any DX newsletters you might already receive. How about a Technical Topics column? Or Propagation? If you have an idea for a column, please call me.

Finally, we need a packeteer. Do you regularly check into a packet BBS? If you could copy any interesting postings and send them to me on a floppy disc once a month, I would select and edit them into Short Skip articles. I can provide blank discs and stamped, addressed disc mailers.

If any of this sounds interesting, give ma a call at 538-7115 (eves) or 577-3981 (days). Thanks!

Meet the Tate Family

Have you heard of the Tate family? They are in every organization. There is:

Dic Tate, who wants to run everything. Ro Tate, who wants to change things. Agi Tate, who stirs up trouble, assisted by Irri Tate. Devas Tate, who wants to be a big shot.

And when new ideas are suggested, you'll find Hesi Tate and Vege Tate who say it can't work and Imi Tate who'd rather copy than try something new.

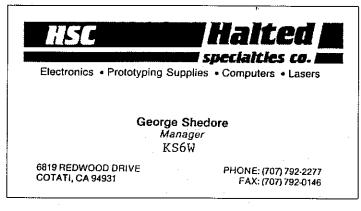
Thank goodness for Facili Tate, Cogi Tate and Medi Tate who have everyone pulling together. -Anonymous CRTH 92. Tnx W6DTV

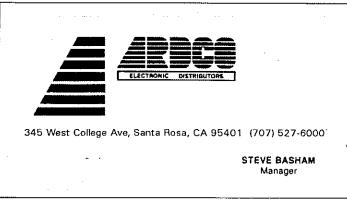


Board Meetings

Just a reminder that Board meetings are open to all members. Meetings are the Wednesday following the club meeting at the Northbay Savings and Loan building, 1791 Marlow Rd.

Board meeting minutes are also available to any member. Just give the Secretary a call and he can mail them or bring them to the next meeting.







Last month's minutes had a report about Laurel Meyer making tapes of Short Skip for the blind. Unfortunately, we got Laurel's call wrong -- it is KC6FKX. And of course these were audio, not video tapes as we reported. Thanks to John WB6FRZ for the correction. •

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OAKLAND, CA 94606 2210 Livingston St. (510) 534-5757 /800) 854-6046 Rich, WA9WY8, Mgr I-880 at 23rd Ave ramp

SAN DIEGO, CA 92123 5375 Kearny Villa Rd. (619) 560-4900 (800) 854-6046 Tom, KM6K Mgi

SUNNYVALE, CA 94086 510 Lawrence Expwy. #102 (408) 736-9496 (800) 854-6046 iom, KB6LUC, Mar

VAN NUYS, CA 91411 6265 Sepulveda Blvd. (818) 988-2212 (800) 854-6046 Jon, KB6ZBI, Mai

Bob Ferrero W6R.

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40 Mem Channels DSQ, Dual Display CTCSS Enc/Dec Built-in Cross Band Full Duplex

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2W 2M/1.5W 440 5W optional Direct DC input Built-in VOX, 41 Mem. DTMF paging, CTCSS built-in

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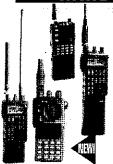
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100W HF Gen Cov Transceiver DDS, QSK • 500Hz CW Filter included CALL FOR LOW PRICE

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240 Mem. w/obtional

mem. unit

2 MTR RX

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2 MTRS/5W

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220MHz/2.5 W

ICOM

IC-735



100W 12 volt • 12 channel memory General Coverage . IF Notch & QSK

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Page 4

OCTOBER:

3 - LARK Flea Mart, Livermore WU7R

4 - RACES etc. Net 7:30 PM 6 - SCRA meeting 7/7:30 PM

21 - CDF/VIP Meeting 7:30 PM

16 - Deadline for November Short Skip

?? - 1993 Pacific Div Conv., Mt Diablo ARC

18 - RACES etc. Net 7:30 PM

23-24 - CQ Worldwide DX Contest, Phone

NOVEMBER:

7 - LARK Flea Mart, Livermore WU7R

1 - RACES etc. Net, 7:30 PM

3 - SCRA meeting 7/7:30 PM 6-8 - ARRL Sweepstakes, CW

13 - Deadline for December Short Skip

15 - RACES etc. Net, 7:30 PM

18 - CDF/VIP Meeting 7:30 PM 20-22 - ARRL Sweepstakes, Phone

27-28 - CQ Worldwide DX Contest, CW

DECEMBER:

1? - SCRA Christmas party

5 - LARK Flea Mart, Livermore WU7R

6 - RACES etc. Net, 7:30 PM

11-12 - ARRL 10 Meter Contest

16 - CDF/VIP Meeting 7:30 PM

18 - Deadline for January Short Skip

20 - RACES etc. Net, 7:30 PM

31 - ARRL Straight Key Night

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10 YEARS AGO IN SHORT SKIP

The new year 1983 ushered in a new slate of SCRA officers, headed by some yokel (callsign N1AL) as President.

Adventures of the Swiss Family Broennimann by Betty AG6C described the sea journey of Anita N6GGU and family. They were sailing down the west coast of Mexico in their 35-foot sloop, the "Kaskelot."

The club purchased a glass-sided cabinet to store and display awards. [We still have it today, in the hallway at the EOC.]

Treasurer's Report

For month ending November 30, 1992



JANUARY 1993

ACCOUNT	REVENUE	EXPENSE
Refreshments at meetings	12.38	16.56
Raffle at meetings	50.25	
Badges		17.20
Misc	3.00	262.72
Short Skip Newsletter		79.44
Training and Education	•• •	15.00
	65.63	390.92
ASSETS:		-
General Fund Account	4334.07	
Cash/checks on hand	104.12	•
Total General Fund	4438.19	
Total Repeater Fund	841.91	



Be Alert For Passivated Glass

SHORT SKIP

The metallic content of passivated glass, installed on many new cars, impedes the performance of antennas installed on glass. That's all brands of antennas.

Available on numerous models of General Motors, Ford and Chrysler Corporation cars, passivated glass has a high metallic content to help block sunlight. Unfortunately, it's equally effective at blocking radio waves.

Alternatives include using traditional mobile mounts, or purchasing a car without passivated glass. For information, check the glass index on the corner of the windshield or call the manufacturer.

TNX NOONZ

As a company that has sold hundreds of thousands of cellular, two-way and amateur glass-mount antennas every year, we'd like to pass a few tips along to our dealers.

DO

- •Clean glass with Bon Ami. It's great at removing car wash wax and road spray chemicals.
- •Warm glass in cold weather. Glass warmer than 50° F accepts adhesive much better. Hair dryers work well.
- Use adhesive enhancers. Products such as Tite-R-Bond (just spread on and let dry completely) give tape an even better grip on today's smoother glass.

Antenna News encourages readers to submit tips on everything from installation to maintenance for this space. Send your tips to:

DØN'T

- •Cut coax. It disrupts wave pattern in cable.
- •Trim whips (unless cutting chart is enclosed). It degrades transmit performance.
- Install antennas on glass that has been tinted after market. It blocks RF.
- Install on passivated glass.

Antenna News Tech Tips c/o Larsen Electronics P.O. Box 1799 Vancouver, WA 98668

It's LiTZ! FM/RPT

Conducted By Brian Battles, WS10 QST Features Editor

Repeaters are indispensable tools for letting Amateur Radio operators provide mutual assistance and public service emergency communications. Most hams don't bother to monitor their local VHF/UHF repeaters at all times, however, because they don't care to listen to the noise and chatter of routine conversations. This means that if a situation arises when assistance is needed, there may not be anyone listening who can respond. It's easy to set up a system to allow those who wish to be available in times of need to be alerted to an important call, but the question is, "How do we make sure most hams know it exists and how to use it?"

The FM/RPT column in December 1989 QST raised this question and solicited suggestions for establishing a "universal" method of getting a response to a call for assistance on a repeater. This generated a huge pile of mail, and many intriguing techniques were described by repeater owners and users. Regardless of the particular system proposed, however, most hams who wrote in agreed that, no matter which one was chosen, at least some standard was necessary. To resolve this matter, the ARRL Board of Directors asked the Public Service Advisory Committee (PSAC) to study the issues and make a recommendation.

PSAC Chairman Dave Kersten, N8AUH,

reviewed the correspondence and solicited input from Committee representatives from all League Divisions, and from members and repeaters operators all over the US. The consensus was that the Long Tone Zero (LiTZ) tone-alerting system, where an operator sends a touchtone "\textit{\theta}" over a repeater for at least three seconds to activate an alerting system (described in the August and November 1991 FM/RPT columns), was supported by the majority of League members who took the time to express their preferences to the PSAC.

At its semiannual meeting July 17-18, the ARRL Board of Directors voted to adopt the Committee's recommendation to endorse LiTZ as the national alerting system for repeaters. Furthermore, repeaters that support LiTZ will be so indicated in the ARRL Repeater Directory.

Although the ARRL encourages repeater operators to take advantage of LiTZ alerting, compliance is an optional, voluntary decision. Repeater operators are by no means compelled to provide this capability, nor are they prohibited from choosing alternate ways of making their repeaters accessible or to simply ignore the issue. Adoption of the LiTZ system is a response to members' requests that the League establish a uniform starting point for help-

ing repeater users respond to calls for aid. Implementation is not specified: Amateurs who wish to participate in the LiTZ system may configure it in any way they desire, eg, to unmute a receiver, to initiate a telephone call to a designated operator, to activate a paging system, or in any legal manner their creative abilities might devise.

The point of having the LiTZ alerting system available is *not* to offer a way for hams to initiate routine contacts for ragchewing or other nonessential communications. It's to be used *only* in emergencies or to summon assistance when absolutely necessary. Amateurs are cautioned to employ conservative, critical judgment of whether a specific situation calls for LiTZ access. Chronic instances of "crying wolf" or other misuse will undermine the plan's purpose and ultimately lead to its abandonment.

If you use, or plan to use, the LiTZ alert system on your local repeater, how do you do it? Have you built an activation circuit into the repeater controller? Do individual amateurs use their own decoding devices? Send us your ideas, to be shared with your fellow amateurs. We'll publish as many sound, practical designs as space permits. Perhaps you'll suggest—or find out about—a unique way to make the most of this new ARRL recommendation.

New Members & **Corrections**

Since last month

JOHN WATROUS 3244 N EDISON ST GRATON, CA 95444 823-4957

JIM HUDSON 1435 KEISER AVE SANTA ROSA, CA 95404 584-3423

DAVID MELCON KK6FM 2960 MIDDLE TWO ROCK PETALUMA, CA 94952 778-1359

EMMETT WILDER KD6IZE 913 W STARBURST CT WINDSOR, CA 95492 838-7288

ROBERT DeHAAN N6GDC 140 SPRAUER RD PETALUMA, CA 94952 763-1005

THOMAS FLORENCE KD6JAM DEBRA MELCON KC6WPH 11945 LOS AMIGOS RD HEALDSBURG, CA 95448

PETALUMA, CA 94952 778-1359 We now have 280 members.

Jim Pelmulder **N6PTM**

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ERIC HAVSTAD KD6LRZ 1491 MICHELE WAY SANTA ROSA, CA 95404 526-2187

BILL BYLUND KD6LYW 1438 MONTANA PL ROHNERT PK, CA 94928 795-9623

KEN DeBRECHT WB6NOV POB 358 COTATI, CA 94931 792-2634

ROBERT BECHTOL W6NPJ 2210 BRUSH CREEK RD SANTA ROSA, CA 95404 539-4406

STEPHAN M WOYTOWICZ KI6PB POB 3558 FAIRFIELD, CA 94533

2960 MIDDLE TWO ROCK

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SCRA, and send it with your ARRL renewal form to SCRA, PO Box 116, Santa Rosa, CA 95402 or give it to the Treasurer.



James A. McLaughlin, Jr.

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COMING **EVENTS:**

SCARS NET: 146.73 MHz Tuesdays at 7 PM.

VE EXAMS HOTLINE NRs: (408) 984-8353/255-9000

LARK Fleamart 1st Sunday, Livermore 510-462-5055

JANUARY: 1993

Dec 31-Jan 1 - Straight Key Night

- 2-3 ARRL RTTY Roundup
- 3 LARK Flea Mart, Livermore WU7R
- 4 RACES etc. Net, 7:30 PM 6 - SCRA meeting 7/7:30 PM
- 16 Monterey Winterfest, 408-663-6117
- 21 CDF/VIP Meeting 7:30 PM
- 16 Deadline for February Short Skip
- 16-18 ARRL January VHF Sweepstakes
 - 18 RACES etc. Net, 7:30 PM
- 23-25 CQ Worldwide 160M Contest, CW Jan 30-Feb 7 - ARRL Novice Roundup

FEBRUARY:

- Jan 30-Feb 7 ARRL Novice Roundup
 - 7 LARK Flea Mart, Livermore WU7R
 - 8 RACES etc. Net 7:30 PM
 - 3 SCRA meeting 7/7:30 PM
- 13 Deadline for March Short Skip 20-21 - ARRL DX Contest, CW
- 22 RACES etc. Net 7:30 PM
- 18 CDF/VIP Meeting 7:30 PM
- 26-28- CQ Worldwide 160 M Contest, Phone

MARCH:

- 7 LARK Flea Mart, Livermore WU7R
- 1 RACES etc. Net 7:30 PM
- 3 SCRA meeting 7/7:30 PM - 1992 DUES PAYABLE!
- 6-7 ARRL DX Contest, Phone 20 - Deadline for April Short Skip
- 13 Foothill College Flea Market
- 15 RACES etc. Net 7:30 PM 18 - CDF/VIP Meeting 7:30 PM
- 27-28 CQ Worldwide Prefix Contest, Phone

APRIL:

- 7 SCRA meeting 7/7:30 PM
- 4 LARK Flea Mart, Livermore WU7R
- 5 RACES etc. Net 7:30 PM
- 10 Foothill College Flea Market
- 15 CDF/VIP Meeting 7:30 PM

- 16-18 International DX Conv., Visalia K6ITL
 - 17 Deadline for May Short Skip
 - 19 RACES etc. Net 7:30 PM
- 23-25 Dayton Hamvention

MAY:

- 2 LARK Flea Mart, Livermore WU7R
- 3 RACES etc. Net 7:30 PM
- 5 SCRA meeting 7/7:30 PM
- 8 Foothill College Flea Market
- 15 Deadline for June Short Skip 17 - RACES etc. Net 7:30 PM
- 20 CDF/VIP Meeting 7:30 PM
- 21-23 West Coast VHF Conference, Ventura
- 29-30 CO Worldwide Prefix Contest, CW

JUNE:

- 7 RACES etc. Net 7:30 PM
- 2 SCRA meeting 7/7:30 PM
- 6 LARK Flea Mart, Livermore WU7R 19 - Deadline for July Short Skip
- 12 Foothill College Flea Market
- 21 RACES etc. Net 7:30 PM
- 17 CDF/VIP Meeting 7:30 PM
- 26-27 Field Day

JULY:

- 7 SCRA meeting 7/7:30 PM
- 4 LARK Flea Mart, Livermore WU7R
- 5 RACES etc. Net 7:30 PM
- 10 Foothill College Flea Market 10-11 - IARU HF World Championship
- 10-11 CQ Worldwide VHF Prefix Contest
 - 15 CDF/VIP Meeting 7:30 PM
 - 17 Deadline for August Short Skip
 - 19 RACES etc. Net 7:30 PM

AUGUST:

- 7-8 ARRL UHF Contest
- 1 LARK Flea Mart, Livermore WU7R
- 2 RACES etc. Net 7:30 PM
- 4 SCRA meeting 7/7:30 PM
- 14 Foothill College Flea Market 14 - Deadline for September Short Skip
- 16 RACES etc. Net 7:30 PM
- 19 CDF/VIP Meeting 7:30 PM

SEPTEMBER:

- 1 SCRA meeting 7/7:30 PM
- 5 LARK Flea Mart, Livermore WU7R
- 6 RACES etc. Net 7:30 PM 11 - Foothill College Flea Market
- 23 CDF/VIP Meeting 7:30 PM
- 18 Deadline for October Short Skip
- 18 SCRA Flea Mart, Seb. Holy Ghost Hall
- 20 RACES etc. Net 7:30 PM
- 25-26 CQ Worldwide RTTY Contest [Continued next page]