



### HANK'S SWAP SHOP

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

AZDEN 4000 2 meter 40W manuals \$225.00. Joe K6UKB 526-7731.

VIBROPLEX BUG standard model \$50.  
HEATH HD-1410 keyer, built-in paddles \$40.  
HEATH HW-8 transceiver QRP CW 80-15M \$40.  
John W6TLK 833-1873.

NEED: GENERAL COVERAGE RECEIVERS for  
classroom geography lessons at Fremont  
Elementary School. Also a good 20/15/10M  
TRIBAND BEAM and 20A 12V POWER SUPPLY.  
Stu WA6BTK 538-1217.

HUSTLER 4BTV VERTICAL ANT 10/40. \$50.  
ANTENNA SPECIALISTS monitor antenna \$15.  
RINGO RANGER ARX2 \$20. Jim N6PTM 823-7947.

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

ADDRESS CORRECTION REQUESTED

DATED MATERIAL:  
PLEASE DO NOT DELAY

WANT: OLD RADIO GEAR, Johnson, Collins,  
Hallicrafters, etc. Henry Engstrom 579-2070.

NGC 15 SSB 10/2 watts, manual \$100.  
75 MTR MOBILE COIL and tip \$20.  
30 MTR MOBILE ANT \$10. Hank W6DTV 823-7885.



BULK RATE  
U.S. POSTAGE PAID  
SANTA ROSA, CA  
PERMIT NO. 658

## THE 8TH ANNUAL SCRA

# INDOOR/OUTDOOR FLEA MARKET/AUCTION

## SEBASTOPOL, CA

SATURDAY, SEPT 15

We're back in Sebastopol again this year, hopefully for good. The site is easy to find: It's at the Holy Ghost Society hall, just north of Sebastopol on Hwy 116. Lots of free parking with space both inside and outside for tables.

\*\*\* FREE ADMISSION ! \*\*\*

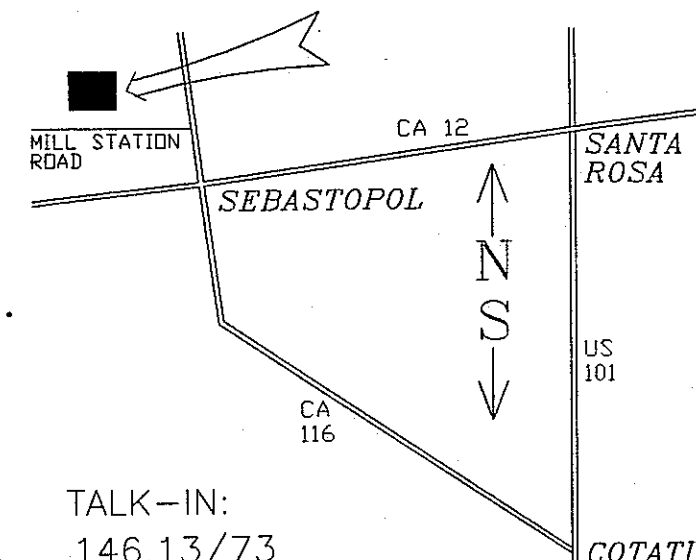
SELLERS: Reserve in advance for best spots. \$10 in advance, \$12 at the door. Tables will be provided for indoor spaces only.

TIMES: Sellers' set-up starts 7 AM.  
Doors open at 8.  
Auction around Noon.

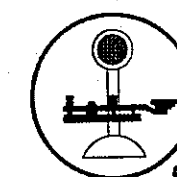
FREE DOOR PRIZES: Be sure to get your free door prize ticket -- need not be present to win grand prize.

FOOD: Breakfast and lunch will be provided.

No FCC exams at the Flea Market this year.  
Questions? Call Al N1AL at (707) 538-7115.



TALK-IN:  
146.13/73



Sonoma County  
Radio Amateurs, Inc.  
FLEA MARKET

### SELLER REGISTRATION:

Name: \_\_\_\_\_ Call: \_\_\_\_\_

Addr: \_\_\_\_\_

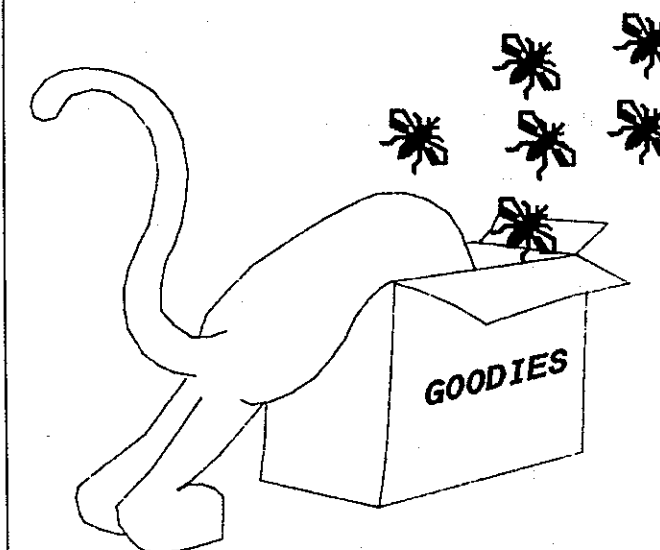
City/St: \_\_\_\_\_ ZIP: \_\_\_\_\_

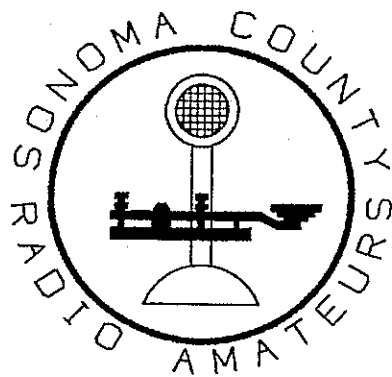
Number of spaces to reserve: \_\_\_\_\_

Indoors ☐ \$ per space: x \$10.00

Outdoors ☐ \$ Enclosed: \_\_\_\_\_

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





## OFFICERS FOR 1990

PRESIDENT: John Wallack W6TLK 833-1873  
 VICE PRESIDENT: Jim Pelmulder N6PTM 823-7947  
 SECRETARY: Alan Bloom N1AL 538-7115  
 TREASURER: Philip Gaul KC6BSI 544-2572  
 MEMBER-AT-LARGE: John Breckenridge WB6FRZ 838-6398  
 ACTIVITIES CHAIR: Chuck Sabin N6DDK 795-2371  
 REPEATER CHAIRMAN: Jim Rutherford WB6PER 526-2972

EDITOR: Alan Bloom N1AL (e) 538-7115  
 1578 Los Alamos Rd, Santa Rosa, CA 95409 (d) 577-3981  
 CIRCULATION MGR: Harvey Lawrence K6KZ  
 ADVERTISING MGR: John Wallack W6TLK 833-1873  
 SWAP SHOP: Hank Davis W6DTV 823-7885

ARRL LIAISON: 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: Bill Splaine N6GHG 431-8636  
 (days) 577-2913  
 EDUCATION: John Breckenridge WB6FRZ 527-8124  
 +WD6CKP WB7CNJ WB6TMY WA8LLY  
 TVI/RFI: John Lynch W6CCY 823-1357  
 FLEA MARKET: Chod Harris WB2CHO 526-2198  
 AWARDS: Steve Lund WA8LLY 823-4544  
 VEC EXAMS: Steve Lund WA8LLY 823-4544

+N1AL WN6D WW6D WW6F WB6FRZ K6UXO  
 REFRESHMENTS AT MEETINGS: Bob Olsten WD6DPE  
 GREETER AT MEETINGS: Jane Vanderslice N6NTB  
 RAFFLE AT MEETINGS: Chuck Sabin N6DDK  
 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  
 N6PTM Jim 823-7947

PACKET COMM: A1 N1AL, Jim WN6D, Rich KA6SSL

### 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 (145.03), hidden xmtr hunts -- you name it.

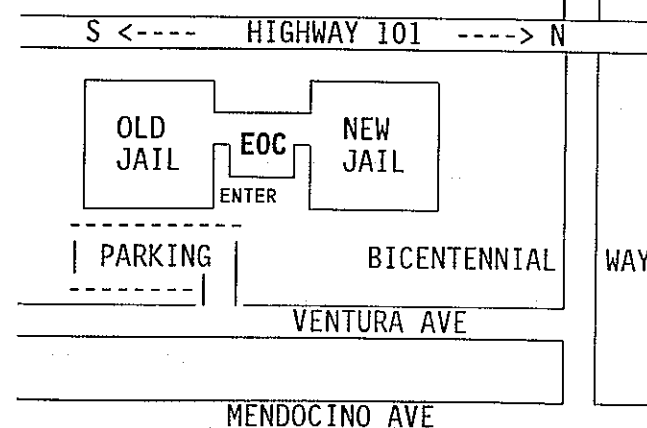
We invite you to attend our next monthly meeting (see below) or check into the Tuesday night SCARS net on the 146.13/73 repeater at 7:00 PM. You will hear the latest Westlink Amateur Radio News broadcast, announcements of SCRA activities, and a Swap Shop. If you would like to join SCRA, please refer to the dues listed below. Hope to have an "eyeball" QSO with you at the next meeting! 73 ...

### CLUB MEETINGS:

7:30 PM, 1<sup>st</sup> Wednesday each month at the EOC (Emergency Operations Center, see map below) Anyone interested in ham radio is welcome.

NEXT MEETING: September 5, 1990  
 PROGRAM: Planning for Marconi operation and Flea Market

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



## WORLDWIDE DISTRIBUTION



NOW

9

## STORE BUYING POWER

**US TOWER CORPORATION**

**KENWOOD**

**concept**

**ALL MAJOR BRAND ACCESSORIES**

**ICOM**

**BULLETIN** ege has joined the **HAM RADIO OUTLET NATIONWIDE TEAM**

**...America's Best!**

**TEN-TEC**

**GEOCHRON** GLOBAL TIME INDICATOR

**YAESU**

**Advanced Electronic Applications**

**THIS GIVES YOU EVEN BETTER RESPONSE WITH LOW-LOW OUTLET PRICES & RAPID DELIVERIES COAST TO COAST.**

**SALEM, NH**  
**WOODBIDGE, VA**

## All Major Brands in Stock Now!

**Bob Ferrero W6RJ**  
 President/Owner

**Jim Rafferty N6RJ**  
 VP-National Sales Manager

**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  
 Rich, Mgr. WA9WYB  
 IS-880 at 23rd Ave. Ramp

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

**ATLANTA, GA**  
 (404) 263-0700

**PHOENIX, AZ**  
 (602) 242-3515

**SALEM, NH**  
 1-800-444-0047

**SAN DIEGO, CA**  
 (619) 560-4900

**WOODBIDGE, VA**  
 1-800-444-4799

**VAN NUYS, CA**  
 (818) 988-2212

**FREE SHIPMENT**  
 Most items over \$100  
 UPS surface

**STORE HOURS 10 AM-5:30 PM**  
 CLOSED SUNDAYS

**CALL TOLL FREE**  
 IN CALIFORNIA CALL STORE NEAREST YOU

**1-800-854-6046**

**1-800-444-7927**

**1-800-444-4799**

**1-800-444-0047**

Call any of our 800 numbers coast to coast from most parts of the country.

**MID-WEST/WEST** ANAHEIM, 9 to 5:30 PST

**SOUTHEAST** ATLANTA, 9 to 5:30 EST

**MID-ATLANTIC** WOODBRIDGE, 9 to 5:30 EST

**NEW ENGLAND** SALEM, 9 to 5:30 EST

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 1, 1990



The meeting was called to order by President John Wallack W6TLK at 7:30PM. Other officers present: Vice President Jim Pelmulder N6PTM, Secretary Al Bloom N1AL, Treasurer Phillip Gaul KC6BSI and Members-at-Large Chuck Sabin N6DDK and John Breckenridge WB6FRZ.

VISITORS were introduced by Jane N6NTB: Stu Clark WA6BTK, Bill Martinez & Steve Lassen.

The MINUTES were approved as printed in Short Skip. m/s N6DDK/N6VUC

The TREASURER'S REPORT by KC6BSI shows \$1572.93 in the General Fund and \$755.43 in the Repeater Fund. Approved m/s N6VUC/N6DDK

REPEATER: N6PTM has overhauled the Repco portable repeater to fix the standby ID'er power supply, etc. The present 450 MHz control receiver has poor sensitivity. N6PTM reports that WB6PER recommends we buy a new S-com controller and a 4AT synthesized 450 HT for a control receiver. This would give us a non-volatile ID'er, courtesy tones, and a more sensitive control receiver at a cost of about \$355. This was moved by N6PTM and seconded by N6QAV and passed by the club.

We will also work on adding battery backup to the repeater. Al N1AL has donated a deep-discharge battery. Bob K6GEV asked if the new antenna is working OK. Jim replied that yes, it is working much better.

PUBLIC SERVICE Chairman Bill N6GHG reports great response getting volunteers. We have finished the Rump Stomper, Day on the River, and Harvest Century events. Coming up are the Vineman Triathlon Aug 4, Stride for Life walk Aug 18 and the Bodega Bay to Breakers race on August 26. N6DDK moved that Bill be recompensed for phone calls and other expenses. Passed. m/s N6DDK/WB6FRZ

EDUCATION Chairman John WB6FRZ has had 8 students pass their Novice test already with another 4 taking the test tonight. John may do another class. We need more instructors.

Upcoming ACTIVITIES include the Marconi special events station on Sept 8, with set-up Friday night. (See John W6TLK). The 8th annual SCRA Flea Market is Sept 15. Call Chod WB2CHO to help. (Phone numbers, p. 2.)

OLD BUSINESS: Volunteers for Net Control Station for the Tuesday night net were obtained. August: N6VUC, September: WA6BTK, and October: N6RMW.

NEW BUSINESS: N1AL has a copy of the new ARRL Annual Report if anyone is interested.

WA6BTK needs a general coverage receiver to teach school kids geography. If you have one to loan, donate, or sell (cheap) call Stu at 538-1217. He also needs helpers for an antenna party, a Packet "Elmer" and a 20A 12V supply.

Tracy WB6TMY wants a SX-42 receiver.

Thanks to HSC Electronics and Farmer's Lane Radio Shack for the goodies for the RAFFLE.

The Membership Lottery was lost by W6KNO. Proceeds to be held over for next month.

Meeting adjourned 8:42 PM. m/s N1DJE/W6DTV Respectfully submitted Sec. Al Bloom N1AL. ■

## TREASURER'S REPORT

FOR MONTH ENDING June 30, 1990



ACCOUNT	REVENUE	EXPENSE
Activities (Field Day).....		76.52
Refreshments at meetings ..	9.50	13.17
Raffle at meetings .....	26.00	19.15
Dues and Initiations .....	187.00	
Badges .....		29.75
Misc .....(Donations)	45.00	
Repeater .....		2.11
Short Skip Newsletter .....	64.00	192.64
Membership Supplies.....	105.00	
Officers' Expenses .....		15.63
	436.50	348.97
ASSETS:		
General Fund Account	1534.28	
Cash/checks on hand	38.65	
Total General Fund	1572.93	
Total Repeater Fund	755.43	de KC6BSI

# RACES NEWS

by John Wallack W6TLK



A meeting of Sonoma County Races coordinators, controllers, and members was held on Saturday August 11 at 0930 in the Kenwood Firehouse. 15 of the most active RACES members participated in a very lively gathering. Dan Nicholas and Rod Graham from the Sonoma Co. Office of Emergency Services also took an active part in the meeting. A delicious lunch was served by Susan Rutherford N6IRJ.

Jim Rutherford WB6PER was reappointed Chief Radio Officer by the members present.

John Wallack W6TLK was appointed Assistant Radio Officer.

Jim discussed the new antennas and hard line in the EOC radio room. He also informed the members about the new 2 M radio at Kaiser Hospital in Santa Rosa and reviewed all the RACES radio systems throughout the county.

The revised RACES standard operating procedure was distributed and discussed.

Dan Nicholas, the County OES Director, then discussed the new communications trailer. Dan brought the trailer to the meeting for the members to see, which proved very popular. Many suggestions were presented. Dan, again, gave us his support and continued commitment.

The Simulated Emergency Test for October 20, 1990 was discussed, and a planning meeting was scheduled. Eight members volunteered to help plan the drill.

A very lively discussion of our effectiveness during the October 17, 1989 earthquake produced a great many comments and suggestions. Some faults in our system were identified and will be corrected.

The meeting proved to be very beneficial, thought-provoking, helpful, and a lot of fun. All of us who were present want to thank both Dan Nicholas and Rod Graham from County OES for their support and participation. Meeting adjourned at 1300. ■

# SCHEDULE -- MARCONI SPECIAL EVENT STATION

Saturday September 8, 1990. 1 to 5 PM.

RIBBON-CUTTING: 2 PM

BARBECUE 1-3 PM to benefit the Halleck Creek Riding Club & Marin County Farm Bureau. Price: \$7.50 adult, \$3.50 children, or bring your own lunch.

MUSIC provided by the 6th US Army Band G-Men.

LIVING HISTORY & HISTORICAL DISPLAYS: (1 to 5 PM, Saturday and Sunday)

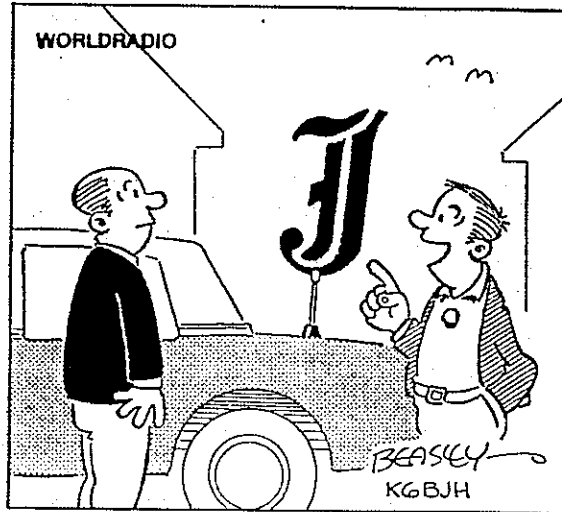
- Members of Society of Wireless Pioneers.
- Foothill Wireless Museum.
- Rare historical photos presented by Dewey Livingston, Marconi, England.
- Sonoma County Radio Amateurs Demonstrations and Displays.

CONFERENCE CENTER walking tours.

For more information, call 415-663-9020.

The Marconi Conference Center was the site of KET, a point-to-point wireless station for the Marconi Company. It is located about 1 or 2 miles south of the Marshall-Petaluma Road just off US Highway 1 on the east side of the highway.

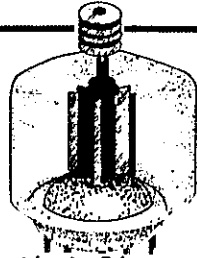
Tnx Tracy WB6TMY ■



IT'S A "J" ANTENNA --- MADE BY AN OLD ENGLISH FIRM

# SURPLUS SOURCES

By Mike Ferrara



Here's a list of surplus places that I've compiled. On some of these, I've put Thomas Guide map page numbers and coordinates in square brackets.

## NORTH BAY:

HSC Electronics, Cotati. Mostly computer stuff, with some generic electronics. This place is run by Halted with other stores in Santa Clara and Sacramento.

Haltek, Santa Rosa, So. Santa Rosa Ave. Good supply of surplus discrete components and scrapped subassemblies. There is one of these in Mountain View, at 1062 Linda Vista.

Bataeff Salvage, Santa Rosa, 244 Mountain View Ave. Scrap metal, rope (including Mountain climbing ropes at great prices), misc surplus junk.

## SACRAMENTO AREA:

Elektronics, on Del Paso Blvd, 1 block south of Arden Way. Mostly old electronic surplus, with instruments, radios, etc ...

HSC Electronics on Hemlock St. north of Auburn Blvd. (see HSC, above).

Marvac on Del Paso Blvd (a couple of blocks north of Arden way). Some new stuff, lots of old stuff, mostly non-computer, generic electronics.

## SAN FRANCISCO PENINSULA:

Foothills College Flea Market, Los Altos, 2nd Saturday of every month thru September. Everybody raves about this as THE source for surplus goodies.

Haltek, Mountain View, 1062 Linda Vista. (see Haltek, above). (415) 969-0510.

Pizza place, Mountain View, on El Camino Real southbound just south of Shoreline. This is the BEST Italian food I've had west of Rome, NY. (You work up quite a hunger when surplusng.)

Weird Stuff Warehouse, Milpitas, off Montegue Expy.

R&D Electronic Parts, Milpitas, 1432 S. Main St. (408) 262-7154. [47-F5]

HDB, Redwood City, 2860 Spring St. Mostly new stuff now. [37-B2]

Allen Steel, Redwood City, Whipple Rd. (Edgewood Ave Exit off 101) [36-D3]

J&H, San Carlos, 476 Industrial Way. Take Holly exit off of 101, near corner of Holly and Industrial. Good supply of Aluminum tubing and rod stock for antennas. Lots of aluminum, steel and brass bar and plate. Some plastics like delrin and teflon. Some older electronic components. Reasonable supply of wire. (415) 591-7113 [33-D4]

A to Z Surplus, San Jose, next to Quement Electronics (on So. Basecom). Mostly surplus instruments, spare parts, and junk.

Halted Specialties Ltd. Santa Clara, 3500 Ryder Ave, corner of Lawrence Expy and Central Expy. Lots of computer, some retail ham, lots of surplus discrete parts, and some instruments. This is the same as HSC. (408) 732-1573 [53-D3]

Advanced Component Electronics, Santa Clara, 911 George, 3479 Kifer. Usually not open on Saturdays. (408) 730-4660

## OAKLAND/BERKELEY:

Jameco, Belmont, 1355 Shoreway Road. (415) 592-8097.

Electronics Etc, Berkeley, 2738 10th St. (415) 845-0169.

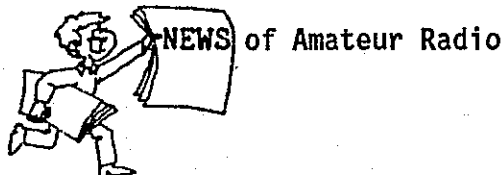
Oakland, Alongside 580 Freeway, lots of components and test equipment.

Mike Quinn Electronics, Oakland, 1080 Langley. (415) 569-1539.

## GREATER LOS ANGELES:

Op Amp Books, Hollywood. Best source for technical books I've ever seen.

C&H Surplus, Pasadena, Colorado Blvd at Allen. <continued next page>



THE FIRST CITATION AND LAWSUIT from the 14.313 MHz mess: FCC has cited BARF (Better Amateur Radio Federation) member N5FX for intentional QRM to the Maritime Mobile Net. Another BARF member, WD4PZT, says he will sue the W5YI Report for reporting IARN Net Manager K1MAN's FCC complaint about BARF's activities. Tnx Westlink Report

AMATEUR CITED FOR NEWS-GATHERING. W4YKH has been cited for gathering news for NBC during the recent revolution in Trinidad. It's OK to listen "passively" on the air and pass the info on to the media, but FCC monitored W4YKH actively requesting information from a ham in Trinidad which crosses the line of illegality. Tnx Westlink Report

ARRL'S ALTERNATE NOVICE PLAN would expand the present 3700-3750 kHz band to 3675-3750 and eliminate the 200 Watt restriction for General and higher-class amateurs. FCC had proposed (PR 90-100) to move the band to 3675-3725. Tnx ARRL Letter

## VOLUNTEER FCC EXAMS

Following are some statistics lifted from the July, 1990 VEC Report (bulletin 7230-J from John B. Johnston, Chief, Personal Radio Branch, FCC). This report summarizes examination results under the VE program through June 30, 1990.

Year	No. of SESSIONS	No. of PERSONS	No. of ELEMENTS	PASS RATE
1985	3223	41439	62589	58.17%
1986	3784	42422	61921	59.65%
1987	4378	49728	81042	60.58%
1988	4903	53546	89788	60.99%
1989	5486	57417	96092	61.49%
1990	3046	34234	56281	61.17%

(1990 figures are year-to-date.)

Field Day was "lost wedding ring" day for W6TLK, shown here madly trying to save his marriage with the help of Samaritans Joe and David.



He found it.



### Radio Shack

STORE NO. 3855

ZANE BATES  
MANAGER

WB6SRU

510 FARMERS LANE  
SANTA ROSA, CA. 95405

TELEPHONE  
546-8423

Jim Peimulder  
N6PTM

(707) 823-7947

### NOB HILL ELECTRONICS REPAIR

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

Sta. Lic. No.  
26191

2801 Gravenstein Hwy. No.  
Sebastopol, CA 95472

**DX TIPS** By Fritz Anderson WT9T

Here's a few Tips From the Experts that I picked up from observing actual operations during an evening's DXing.

DX stations receive better than they transmit. If you can't hear the target of a pileup -- ID him from the people who work him and call anyway! So what if you have no way of "knowing" whether he ever called you? He'll know.

DX operators are kind of dim about American callsigns. For instance, if your callsign is KE9SC, and the DX calls, "eight bravo, call again?" DON'T WORRY. HE MEANS YOU. Go ahead, correct the callsign, and give him your name and report. Stations all around the planet will hear your skill, and say to each other, "what an ace!"

Say you can actually hear the DX station. You notice that he calls his next station within three to five seconds after calling QRZ. REPEAT YOUR CALLSIGN FOR AT LEAST FIFTEEN SECONDS. Almost all DX transceivers are able to receive while transmitting, so the fact that the DX is almost certainly giving a report to someone else during most of your call should not concern you.

North & S. Yemen have recently disappeared, East and West Germany are about to go, and the news from Korea is bad. Nothing on the DXCC list is safe. EVERY CONTACT COULD BE YOUR LAST. Treat it that way. Sure it's just an EAI, but who knows if there's even going to BE a Spain next week? Go for it all-out: Your fellow amateurs will respect you all the more for stepping all over them.

Some amateurs waste valuable time expressing an interest in the DX's family, hobbies, life, etc. Famous 20-meter experts agree that foreigners actually hate Americans, and fuzzy-headed solicitousness merely plays into the hands of the Red Brigades. DON'T LET SOFT-SOAP TALK ABOUT, SAY, LEUKEMIA, BLIND YOU TO WHAT THIS QSO REALLY IS: An opportunity to let the DX know they have a chance to ditch this bore, and exchange 5-9s with you. So keep blasting away with that ID of yours! If the DX wanted human contact, then why is he living at the back-of-beyond in the first place?

Pileups are lonely, hard work. If you want to exchange pleasantries with your friends while the DX is working somebody else, go right ahead. Everyone will understand. Why one fellow -- I have his call right here, he was following every last one of these rules -- was complaining to his friends that the DX "seemed to be ignoring" him.

Imagine. Ignoring a great op like that. Just shows what these foreigners will do.

And don't forget to "Elmer" the new op who may not understand split frequency operation. You must remind him over and over that the DX is listening "up 5." Of course, you must do this by transmitting on the DX station's transmit frequency. The best time is while the DX station is actually transmitting, since that's when the stateside stations are listening closely and will best benefit from your superior knowledge. From Compuserv, tnx Lewis Newton KK6BK

**NEW AND RENEWED MEMBERS****SINCE LAST MONTH**

Stu Clark WA6BTK  
5326 Dupont Dr.  
Santa Rosa, CA 95409  
538-1217

Howard Trites KA6CRG  
625 Trumbull Ave  
Novato, CA 94947  
415-892-5580

Dave Elmore KB6DJG  
1727 Laguna Rd  
Santa Rosa, Ca 95401  
544-3537

Bob Sones WB6EKV  
4810 Rockridge Lane  
Santa Rosa, CA 95404  
546-3873

Steve Schaffer KD6GC  
2320 MarkWestSprings  
Santa Rosa, CA 95404  
546-8860

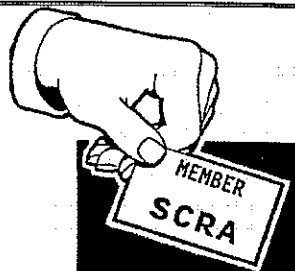
Charles Carniglia KB6PBD  
PO Box 1120  
Santa Rosa, CA 95402  
578-5832

Raymond P. Heil KF6RS  
197 Gilbert Drive  
Santa Rosa, CA 95405  
528-3332

Michael Reilly N6UXD  
609 Hewett St.  
Santa Rosa, Ca 95401  
526-7644

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

Darrel Van Buer KI6VY  
11840 Pacific Ave.  
Los Angeles, CA 90066  
We now have 163 members. ■



&lt;continued&gt;

Gott Electronics, Redondo Beach. The Best for lasers.

Davilyn and CS Sales, ????. Mixed Goodies, like motors and stuff.

**OTHER:**

K-W Surplus, Kitchener-Waterloo, on Victoria at Hwy 86.

Active Electronics, Toronto, Queen W near Spadina.

Quality Computer Components, Atlanta.

Peachtree Quality Salvage, Atlanta.

Central Electronics, Utica, NY. Lots of components, relays, motors, test equipment. Good prices. ■

**PACIFICON '90**

Hosting the ARRL Pacific Div. Convention again this year is the Santa Clara County Amateur Radio Assoc. It will be at the Le Baron Hotel, 1350 North First St., San Jose, CA 95112. Rooms are \$57 plus tax for 1 or 2 occupants plus \$10 plus tax per additional person. 800-662-9896. Be sure to ask for the convention special.

Registration prices are \$12 until October 1 and \$15 thereafter. Spouses do not need to register, and 18 and under are free.

The banquet Saturday night Oct 13 is \$22. Choices are London broil or filet of sole.

There will be a shopping safari on Saturday to San Francisco for spouses (\$19), and a tour of NASA AMES on Friday (\$9). Tickets to the Gaslighter Theater & Saloon (vaudeville show) Friday evening are \$10.

Technical sessions include Packet, DX, Antennas, Emergencies, Youth Forum, Fox Hunt, ARRL Forum and more. ARRL/VEC exams.

Pacificon '90, 481 Fenley Ave, San Jose, CA 95117. 408-243-8349. ■

**10 YEARS AGO**

IN SHORT SKIP

ARRL Section Communications Manager Art Samuelson W6VV was scheduled to visit at the September 1980 SCRA meeting at the Red Cross building on Yulupa. The club was shooting for the "Best Club" award at the upcoming 1980 Pacific Division Convention.

Several club members were building DT-600 RTTY demodulators -- N6AUP, WD6CKP, W6GFY, WA6RNF, WA6UVN, WB6FEQ, KB6LO and N6BLN.

Betty AG6C made DXCC. Hoppy had to "charter a special UPS truck to take her QSL cards to ARRL HQ."

The Board proposed to separate the office of Secretary/Treasurer into two positions. ■

**Petrini's**

**"WHERE SHOPPING IS A PLEASURE"**

Our belated thanks to Petrini's Market on 4th Street for their help with the excellent steaks on Field Day.



## ALL YOU WANTED TO KNOW ABOUT NOVICE CLASSES BUT WERE AFRAID TO ASK

(with apologies to Dr. Joyce Brothers)

by John Breckenridge WB6FRZ

The 14-week Thursday night Novice class is over, and I congratulate all who were persistent enough to see the class through to completion. "Pending" Novices who passed the test are listed below. Those of you in the list enter a very distinguished group of communicators; remember always to keep your operating standards high. You are the future of Amateur Radio:

Kenneth Ambrose, Paul Bennett, Matthew Bushong, Kevin Johnston, Jeremiah Keyes, Steven Lassen, Michael McGowan, Daniel Smith, Khamvanh Souvannaphoxay, Ralph Thomas, and Shawn Wymer.

I encourage those who did not qualify for both test elements to study some more and contact me for any questions you may have. Contact me when you are ready for the exam; we'll arrange for a Novice test session.

### THANK YOU

There are several folks whose help allowed the class to be successful. As you will see, there was plenty of support for this class; and it was all very much appreciated by the students and myself:

Thank you Ken Ambrose (pending Novice) and Lennice Ambrose, owners of the California Spinal Cord Injury Network facility. You graciously allowed us to meet at your building for the right price, rent-free! Yours was a very special contribution.

Thank you Al Bloom N1AL and Steve Lund WA8LLY for helping to officiate during the 3 Novice test sessions held for this class. Three sessions were needed due to conflicting schedules among several students.

Thank you John Wallack W6TLK who filled in as instructor twice while I was erecting a 60' tower in Boise for Terry Laduke WA6RNF.

Thank you to the following guest speakers who give encouragement to some very enthusiastic students. You DID make a difference; by simply sharing your experiences you surely helped those who were about to take the same journey: Laurel Meyers KC6FKX, Matt Hewitt KC6JCL, Bill Hewitt KC6J00.

Thank you to Ted DeCroff KB6PTA and Warren Reese WB6TMY who came to show support, and Bart Holmes KA6HGW who visited the group and subsequently started a Novice class at his church. Right on!

If I missed anybody, please forgive me; thank you also.

### THE FRIDAY CLASS

This class is being held at my home now and has about four more weeks to go. One student is attending.

### THE NEXT CLASS

A neighborhood group concerned with communications during earthquakes has several members who want to become hams. We will meet in late August and decide when to have the class; it will probably start in early September. In the meantime, I will construct class flyers & post them at HSC Electronics. Please let me know of any other candidates!

### HELP!!

One might think that with the way new Novices are being cranked out that John WB6FRZ is just doing fine by himself. Wrong. I could SURE use some help!

Here is a list of needed services to keep the club's educational program alive and successful. Take this as an open invitation to introduce you to a part of ham radio that is different, fun and very satisfying.

### GENERAL QUALIFICATIONS

These are simple. First, you should be ready to have a lot of fun. Second, you should be able to share your experiences with those who are just learning. Lastly, you should have a ham radio license (if yours says Novice, Technician, or anything else, you qualify!).

<continued next page>

<continued>

**INSTRUCTOR'S AID:** Duties vary, but you can assist in answering questions in class, present part of the material, and work one-on-one with students in class or at your own home! This can be done each class, on an on-call basis, or one-time only.

**NOVICE "BUDDY":** Visit a new Novice at their home and help set up their station, make a contact, or just "be there" for them during their first few contacts. This can be the start of a lasting friendship, or a one-time only thing for you, and you're done. Warning - this may be so enjoyable that you might want to do it more often.

**SUBSTITUTE INSTRUCTOR:** It sure would be nice to take a break during the course of a class. Things happen. Sometimes it becomes necessary to ask another person to instruct for one class. I will supply you with all the materials and show you all you need to know to run the class. It's easy, and might happen once or twice in a six-month period.

**INSTRUCTOR:** To my knowledge, right now NOBODY is teaching Technician, General, Advanced, or Extra classes in this county. How about teaching theory and regulations ONLY? How about a class on code ONLY? I did one of these at pizza parlors for ten weeks and we had a blast. I also gained five pounds, but that's beside the point.

Right now, lots of people want to become hams, so we can sure use more Novice instructors! I can supply you with a wealth of information, a class format, all quizzes, exams, and so forth. Make my day, just ask.

Best Regards, John Breckenridge WB6FRZ 838-6398 (home).

**HSC Halted**  
specialties co.  
Electronics • Prototyping Supplies • Computers • Lasers

George Shedore  
Manager  
KS6W

6819 REDWOOD DRIVE  
COTATI, CA 94931

PHONE: (707) 792-2277  
FAX: (707) 792-0146



1990 Field Day was the 50th anniversary of Bob WD6DPE's first Field Day in 1939! N6ONZ enjoying the display in the Comm Van.



Photos by N6ZME and N6RIF