

HANK'S SWAP SHOP

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

STARTER KIT FOR COMMODORE 64 to MFJ INC.
Terminal program on disk, new. \$20 or best offer. KC6BSI Phil 544-2572.

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YOU WERE SELLING A COMMODORE RAM EXPANSION unit at the swapmeet. If that was you (or you know who it was), please call me.
WANTED: ICOM R-71A & Commodore RAM expander. KENWOOD R-2000 for sale. Jay (415) 332-3742.

WANT: SX-28 receiver. Tracy WB6TMY 527-8124.

BOMBER BUILDER

by Allan Chapman W6ME0

A California veteran is collecting info and materials to create a unique display of WWII communications equipment: A complete, fully-equipped and operable radio room of a B-17G, to include the radios, bulkheads, flooring, fuselage, gun hatch and ash tray. He needs to hear from anyone with experience, photos, charts, equipment, connectors, pieces, and especially pertinent war stories! Contact Henry Engstrom, PO Box 5846, Santa Rosa, Ca, 95405, Tel. 707/579-2070.

ARE YOU AN ARRL MEMBER?

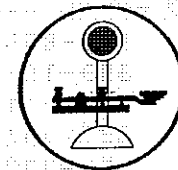


RENEW YOUR ARRL MEMBERSHIP THROUGH THE CLUB AND THE CLUB GETS TO KEEP \$2 (no expense to you). Make out your check to SCRA, and send it with your ARRL renewal form to SCRA, PO Box 116, Santa Rosa, CA 95402 or give it to the Treasurer.

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

ADDRESS CORRECTION REQUESTED

JOHN BRECKENRIDGE
WB6FRZ
574 WILD OAK DR
WINDSOR CA 95492



SHORT SKIP



Sonoma County Radio Amateurs, Inc.

Club Station
NOVEMBER 1989. W6LFJ

P.O. Box 116
Santa Rosa, CA 95402

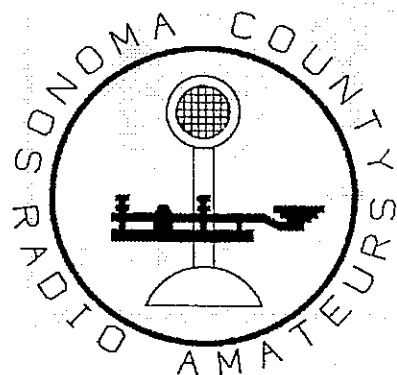
Repeater Station
WB6PVS

VOL 14 # 11

SIMULATED EMERGENCY TEST OCT 15, 1989

Two days before the "real thing", the ARRL SET was manned by (top left) Jim WB6PER, Glen N6DNB, (top right) WB6PER, Mike N1DJE, and Dave N6RIF. Photos Tnx John W6TLK.





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
PROGRAMS: Bob Olsten WD6DPE 546-5593
FIELD DAY: Don BoosingerKD6HQ 546-1217
EDUCATION: Tracy Reese WB6TMY 527-8124
WA6ACX WW6D WA8LLY WB6PDP W6TLK WB6TMY KF6WV
TVI/RFI: John Lynch W6CCY 823-1357
AWARDS: 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 NIAL, Jim Boyett
WN6D, Rich Freitas 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: 15th 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.

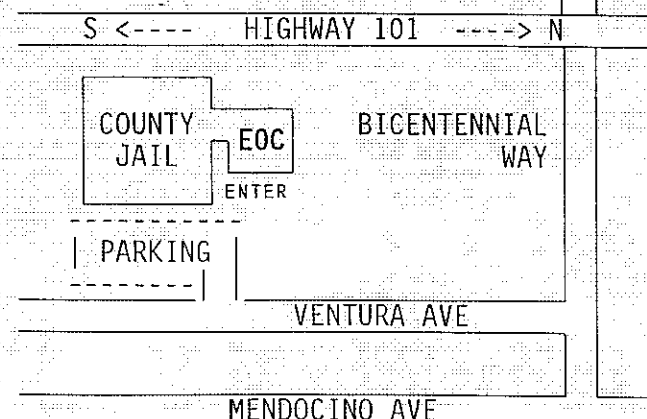
We invite you to attend our next monthly meeting (see below) or check into the Tuesday night SCARS net on the 146.13/73 repeater at 7:00 PM. You will hear the latest Westlink Amateur Radio News broadcast, announcements of SCRA activities, and a Swap Shop. If you would like to join SCRA, please refer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

CLUB MEETINGS:

7:30 PM, 1st Wednesday each month at the EOC
(Emergency Operations Center, see map below)
All are welcome to attend.

NEXT MEETING: November 1, 1989

PROGRAM: ELECTIONS of club officers and Videotape on the Int'l Mission Radio Assn.
DUES: \$12 per year, plus a one-time \$4.00 initiation fee. Dues are pro-rated \$1/month for new members. With membership, comes an SCRA call/name badge. Family membership: \$18



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GARBLEDYGOOK

Traffic handlers! We are not doing a good enough job with message accuracy. Too, too many radiograms come through with obvious and not-so-obvious errors. The not-so-obvious errors often show up when delivery is attempted.

Traffic handlers! First and foremost is ACCURACY! If we can't deliver a message because of a garbled address, the public relations benefit is nil. If we deliver a message with a garbled text, the public relations benefit is less than nil -- it's negative. Garbled messages make ham radio look stupid and childish.

I have a very uncomfortable, sick feeling whenever I run across a garbled radiogram. And, I get mad because garbled messages don't have to be. Well, at least 99.99% of garbles don't have to be. We will never have 100% accuracy, but we can come close.

How? Most important is the care factor of each traffic handler. Each of us has to commit to 100% accuracy. Don't slack off and say, "Close enough, and, anyway, I don't have to deliver it." Close enough should not be a part of your traffic vocabulary, not even in your deepest subconscious.

Always send traffic in standard format. Every deviation increases the chances of garble, particularly in the address. Don't neglect AA between lines. Correct sending errors. Repeat unusual names and words.

When receiving traffic, take as long as needed to get it right. It is much more important to get it right than to get it fast. Don't guess. Ask for repeats or confirmations. It doesn't matter if it is your fault, or the sending station's fault.

[Ed note: Contrary to common belief, it IS possible to have errors on packet messages. If it's not typed in correctly, it won't come out right on the other end!]

Tnx RN6 Net Bulletin via KB6GOZ BBS.

THE AMERICAN RADIO RELAY LEAGUE

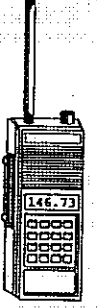
RADIOGRAM

VIA AMATEUR RADIO

RACES NEWS

ICS RACES RESPONDERS CHECKLIST

Stan Harter KH6GBX, CA RACES Coord.

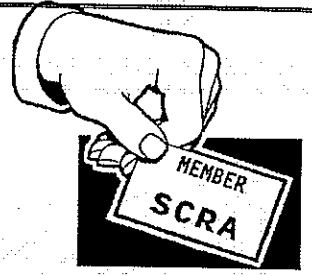


This checklist applies to State RACES personnel and is recommended to the RACES in other jurisdictions and organizations using the Incident Command System.

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.

NEW AND RENEWED MEMBERS



Doug Lash KC6GJF

1738 Kerry Lane

Santa Rosa, CA 95403

573-1738

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Radio Shack

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MANAGER

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TELEPHONE 546-8423

10 YEARS AGO

IN SHORT SKIP



The Oct 1979 transmitter hunt was something of a disappointment due to low turnout, but to those who participated, it was a real challenge. Seems the "bunny" hid in a Sheriff's patrol car -- at the County Jail, at that. WD6CKP wiped out his quad and several members nearly got arrested for peering into cars and prowling around the county complex.

Jim W6CYM and Allen KA6GDB set up Amateur Radio displays at the Sonoma County Library and Rohnert Park Library, respectively.

The RTTY gang was growing -- newest member: Don KB6LO. Others included W6JCX, K6CNJ, WB6VSD, K6QXB, W6JFN, WA6FGG, WA6WYZ and WB6KMI. [For you newcomers, RTTY is like packet, only slower.]

QST CONGRATULATES...

the Sonoma County Radio Amateurs, Inc., whose first exhibit at the county fair provided fair-goers with a half-size model of OSCAR 8, an OSCAR demonstration, RTTY demonstration, keyboard CW with readout, hands-on CW, receiver for public use, operating radio stations, a message center and public relations desk. Nearly 150 people signed up for September classes.

from QST, November 1979.

ELECTIONS:

The following have been nominated for next year's officers, to be elected at the November meeting. Nominations will also be solicited from the floor.

PRESIDENT:	John Wallack	W6TLK
VICE PRESIDENT:	Jim Pelmulder	N6PTM
SECRETARY:	Al Bloom	N1AL
TREASURER:	(OPEN)	
MEMBER AT LARGE:	Chuck Sabin	N6DDK
	Rick Sealock	N6RXA



WAVES TO WINE

by BOB SONES WB6EKV

In the picture, the woman on the right is Devon Cutty, Director of the Waves to Wine bike race. The other person for sure is not a woman -- Rick worked the net on Sunday.

Devon was very cooperative and worked closely with our net controls. Most of them were pleased with this arrangement, especially the males.

EVENT STATISTICS: 2-day event, Sat/Sun Oct 7/8. 1600 bikers, 400 volunteers, 22 hams.

The event produced \$425,000 for the Multiple Sclerosis Soc. It was quite an experience. The radio people did a great job and were very much appreciated by the MS staff. We'll be happy to do it again next year.

Hams who helped: Ruth WA6AQA, Philip KC6BSI, Hoppy WD6CKP, Bob WD6DPE, Jay KB6ENY, Connie N6FYV, Bill N6GHG, Ken N6GXI, Georgia N6GZU, Brian N6IYY, Rudy N6KLU, Russ N6KMJ, Harvey K6KZ, Ren KI6LS, Ken N6MHG, Wilber N6MGY, Phil N600A, Hans KI6PD, Jim N6PTM, Marie KI6QY, Rick N6RXA, Steve N6RXY, John W6TLK

SCRA MEMBER OF THE YEAR

It's that time of the year again -- hand in your "Member of the Year" award nomination at the November meeting, or send it to N6FAX at 7822 Washington Ave, Sebastopol CA 95472. The award is issued at the Christmas party in December, and time is needed to select the winner and have a plaque made.

\$5000 PER RIDER...

by HANK DAVIS W6DTV

In Sonoma County, over the years, there have been many bicycle races and rides. The first annual Pacific Coast Trek is a little different. An outgrowth of the Trek Across America, it starts in Seattle, WA and ends in San Diego, CA.

Each treker must have \$5000 of sponsorship money pledged before he or she can sign up for the Pacific Coast Trek. The money goes to the American Lung Association.

These treks are highly-organized well in advance of the starting date. For starters, there are three or four 13-passenger vans that follow the riders and act as sag wagons or emergency units (paramedics are along). A mechanics' van with spare parts is available to service the bicycles.

Another truck and trailer haul the tents, sleeping bags, etc. They take care of the needs of the trekers, including showers, washing, shaving, laundry & a hand-operated spin dryer that you have to see to believe.

The office and communications van includes two radios and a packet unit plus desks, files and other necessities. A two meter and 220 MHz radio are interfaced to work as repeaters by throwing a switch. This is very useful in terrain not covered by local repeaters.

Amateur Radio is a very important part of these extended treks. 13 Amateurs are with the everyday running of the 1500-mile-long activity. Backing up this group are about 41 local Amateurs located along the route who act as base support stations. They help when needed for police, ambulance, lost trekers, phone calls from folks at home, or relay of messages.

In Sonoma County, the two local base support stations were Ed Warner WB6UDR of Cloverdale and Hank Davis W6DTV of Sebastopol.

All in all a very interesting activity for a person interested in bicycle travel or Amateur Radio.

PK-232 USERS' GROUP

by Allan Chapman W6ME0

The PK-232 TNC, popular but not inexpensive, is about to get a boost from its users. Emulating long-established commercial bootstrapping, some hams who use (and may not even own) the unit are forming a users' group to share expertise and build clout.

Objectives: (1) Identify expectations for the PK-232, some of which may not be presently met or even understood by AEA; (2) Serve as a collective voice for the users, in a cooperative "partnership" with factory staff; (3) Solicit and disseminate for group evaluation the needs and views of all members. A vote-tallying process by mail will be used at first because of the large volume of requests.

Limited to non-commercial operators of the equipment, whether owned or not -- any user can participate. Commercial users are not included, but even non-hams are, IF they use the PK-232 in a service not related to a business. E.g. public safety comm operators are OK; also, each of the several users of a club station which may have one PK-232 are encouraged.

MEMBERSHIP: This group is just now in formation, has zero funds and accepts no subsidy. That means IF, repeat IF, you send a large #10 S.A.S.E. with adequate postage (USA 25-cents) you will receive info. Address: W6ME0 5602 Raters Drive, Santa Rosa, CA 95409. Tel 707/538-4935. W6ME0 @ WD6CMU.NOCAL.CA.USA.NA.

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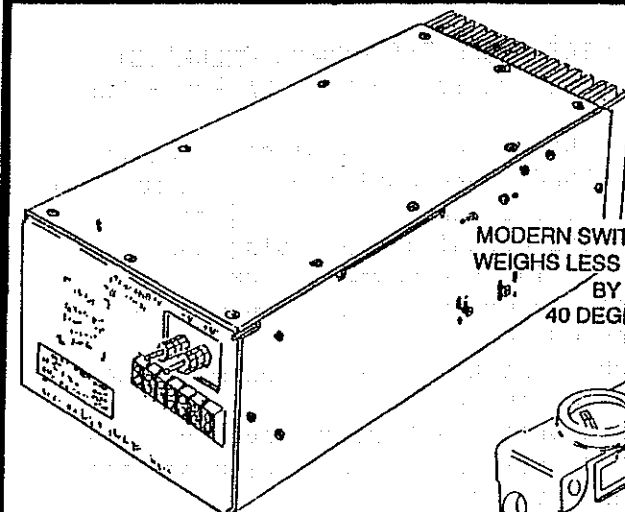
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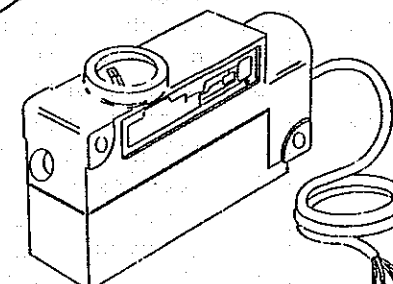
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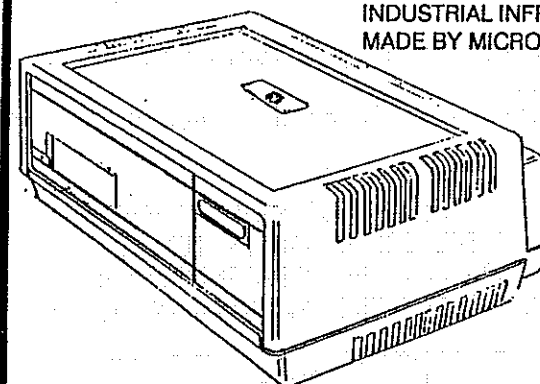
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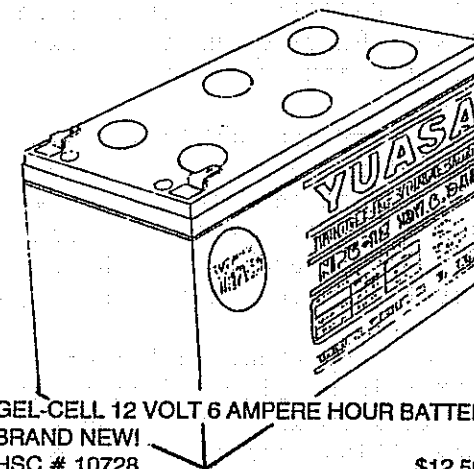
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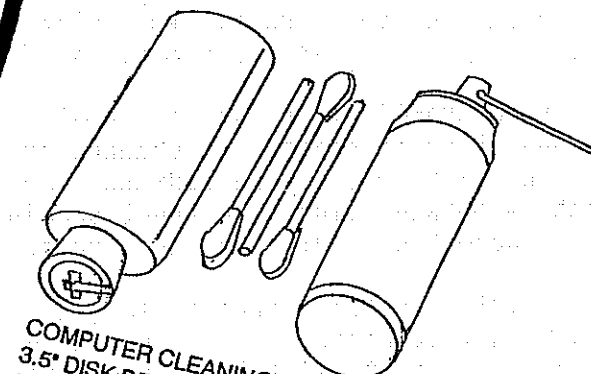
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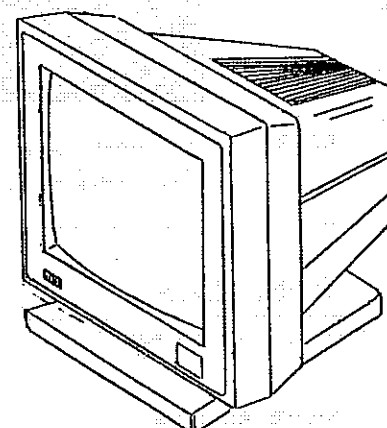


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CDF - VIP NEWS



SHAKE, RATTLE AND ROLL
by RUDY MAPPUS N6KLU

At 5:04 PM, Tuesday October 17, 1989, we all felt what we thought was the "big one". We later learned from the experts that the "big one" is still to come. Numerous aftershocks continued through the end of the week, and more were expected. That was the bad news. The good news was that Sonoma County came through without any appreciable damage.

At 8:15 PM, the VIP's received a call from the Sonoma CDF Ranger Unit requesting assistance at CDF Region 1 HQ (RO I). This site was also the Office of Emergency Services (OES) Region II dispatch center.

Our response was immediate. Garry N6ONZ, Jim N6PTM and Phil N600A began setting up shop within 30 minutes using 440 MHz and 2 meters. Shortly thereafter, contact was made with Morgan Hill, and information on property damage, loss of life, injuries, road conditions, etc. began to flow to CDF RO I. To improve signal quality, Garry, in the dark of night, climbed onto the roof of the RO and set up 440 and 2 meter antennas.

Unable to contact Hollister and Santa Cruz, Garry, Jim and Phil decided to attempt to reach these areas on 80 meters. Al NIAL brought in an HF radio and 80M antenna early Wednesday morning. Problems developed, and several other radios & antennas were tried. [Ed note: it turned out to be propagation. John W6TLK later brought in a 40M dipole and a more-portable radio.] Al, John and Garry each took turns climbing CDF's 100-foot tower. I understand they all lost a little weight as a result of the experience. Later, both the 40 and 80 meter bands opened up.

Wednesday afternoon, the VIP's contacted Hollister. Thursday, contact was made with Santa Cruz, the hardest-hit area with the least resources.

Aside from the initial propagation and antenna problems, everything went smoothly until Hollister shifted frequencies without

telling anyone. After an hour of searching the bands, Hollister and Santa Rosa were once again communicating with each other. Shortly thereafter, the flow of information began to slow down. Our duty period ended on Friday October 20, 1989 at 12:45 PM.

Alltogether the VIP's gave more than 130 hours of their time to this activity.

Many, many thanks to Garry N6ONZ, Jim N6PTM, Phil N600A, Al NIAL, Hank W6DTV, Sarah N6FAX, John W6TLK, Rick N6RXA, Hoppy WD6CKP, Harvey K6KZ, Marie KI6QY, and Jud N6QAV for a job well done. A special thanks to Mike N6DZU and Joel N6AMG for the use of their repeaters and for their invaluable assistance in setting up the system that was used so effectively in this exercise.

WE'RE LOOKING FOR MORE HAMS AND NON-HAMS TO JOIN THE VOLUNTEERS IN PREVENTION PROGRAM. IF YOU OR ANYONE YOU KNOW IS INTERESTED, PLEASE CONTACT MARIE KI6QY, 707-664-1978. ■

EARTHQUAKE INFO NEEDED

As *Short Skip* goes to press, earthquake communications continue. Send your stories to me. (And Photos, if you got 'em!) - NIAL

SLINGING ANTENNAS

Another method I have used that works well is the use of a slingshot and "Jetline". Jetline is used by utility companies and others for putting up power lines and such. It lends itself to antenna work very nicely. It comes in a plastic tube.

I hold the tube in the same hand that I hold the slingshot, with the open end of the tube in the direction the fishing sinker is to be propelled. Slingshots are great for pulling the Jetline from the tube and carry the weight up and over whatever you want to use as your aerial support. A 2-1/2 or 3 ounce weight is used to provide enough weight to get your Jetline over a rough branch surface and back down to where you can reach it.

I haven't figured out a way to get the Jetline back into the tube. There is enough in one tube to put up several antennas -- depending upon the height, of course. *Tnx Calif. OES RACES Bulletin & KB6GOZ BBS* ■

SONOMA

RADIO

THE BE

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by Hank Davi

SCRA started affiliation original club in Santa held 7 PM station owners is mainly Amateur Radio class, war, and the lease let 823-4544.

In 1949, a gr W6ADM, Don Chams or W6DTV and Walven. Bring at Floyd's sh photo ID for the prese, for \$4.75

The club has lead Rosa for meet southwest of Brewery tap rg questions go building, SR 5ns are King St. clubh, however, clubhouse (195 Yulupa (1970), be in Feb. ■ Center (1981), 1987), and the OES Emergency

The club had m the early days. Members worked as RACES was ne COMM. CD/Amateur Head the Veterans' V locations were the airport, an (Military No. Calif VHF n expediting y H & W his own positio that, noise and other e several of these units: good, region station; n areas. receivers and a watts of AM mout Cross), and This room was le effective if right of the pre ow best to conditions. RACES started ab inding out where, and for the first 15



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ide KJ6UY/AE.

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ohn WB6FRZ ASS. There 2 students.

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"Networking, Microwaves, and the Future of Amateur Radio." Glenn's thesis is that if we are not ready to relegate Amateur Radio to the dustbin of history, we are going to have to develop networks capable of handling large amounts of information, and microwaves are the place to do it.

AMATEUR OF THE YEAR submissions are due to Sarah N6FAX by the next club meeting.

The MEMBER LOTTERY went uncollected again this month. There is now \$32 in the kitty.

N6PTM has many BADGES that need to be picked up by new members. There is 1 magnetic Emergency Communications sign left for \$8. The SET (ARRL Simulated Emergency Test) will be held Sunday Oct 15 from 10 AM to noon and will simulate a military aircraft breaking up and spilling hazardous materials over Sonoma County.

The meeting adjourned 9:29 PM. m/s K6GEV/N6PTM

Respectfully submitted by Secretary Al Bloom NIAL. ■

TREASURER'S REPORT

FOR MONTH ENDING August 31, 1989

ACCOUNT	REVENUE	EXPENSE
Refreshments at meetings ..	6.21	5.97
Raffle at meetings	32.00	
Dues and Initiations	32.00	
Fund-Raisers (Flea Market).	60.00	200.00
Badges	4.00	7.42
Misc(Donation)....	1.50	
Westlink Report		6.48
Membership Supplies.....	49.75	
	185.46	219.87
ASSETS:		
General Fund Account	1224.73	
Cash/checks on hand	188.67	
Total General Fund	1413.40	
Total Repeater Fund	1785.07	
- de N6PTM		