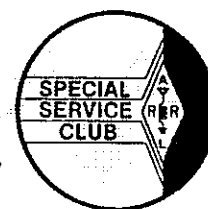


# SHORT SKIP

Sonoma County Radio Amateurs, Inc.



Club Station

P.O. Box 116

Repeater Station

AUGUST 1987

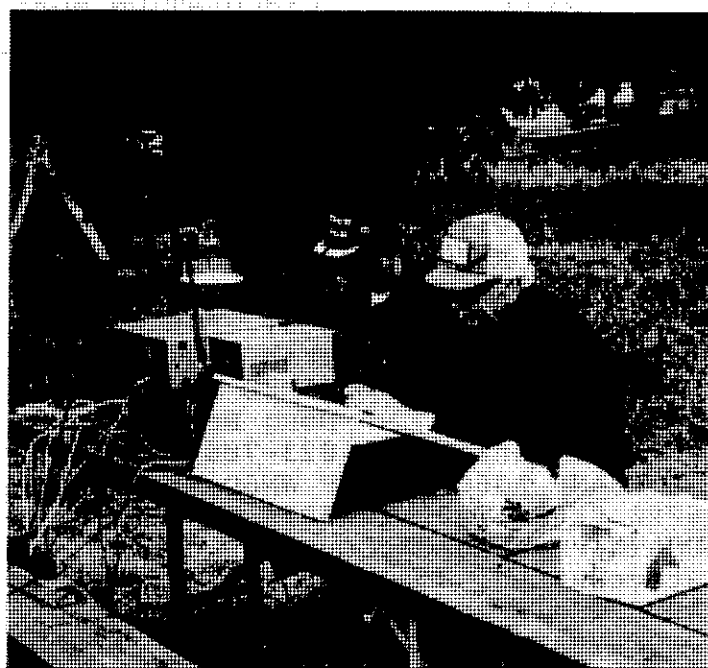
W6LFJ

Santa Rosa, CA 95402

WB6PVS

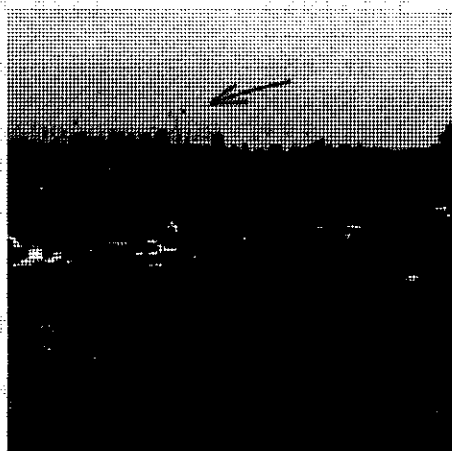
VOL 12 # 8

## FIELD DAY 1987:



Keep the rate up!

260 Q's were made here.



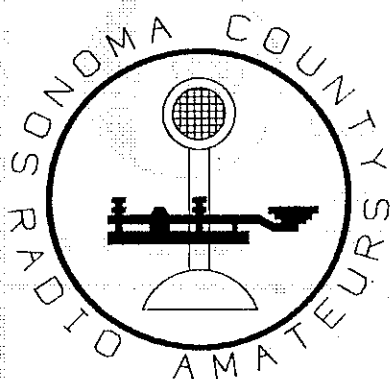
Over the quad  
is a homer!



Pot Luck

(See page 7 for details)

Solar Power



## -----OFFICERS FOR 1987:-----

PRESIDENT:	Connie Freitas	N6FYV	544-1609
VICE PRESIDENT:	Russ O'Neill	N6KMJ	778-1758
SECRETARY:	Marie Mappus	KI6QY	664-1978
TREASURER:	Alan Bloom	N1AL	538-7115
MEMBERS-AT-LARGE:	Don Osborne	WA6ACX	829-0565
	Brian Torr	N6IIY	887-1388
REPEATER CHAIR:	Hoppy Bravin	WD6CKP	542-6750
ACTIVITIES CHAIR:	Lyle Meek	WW6F	523-1066

## -----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

RACES LIAS: Bob Olsten WD6DPE 546-5593  
 ARRL LIAS: Alan Bloom N1AL 538-7115  
 ASST. DIR: Chuck Sabin N6DDK 795-2371  
 HISTORIAN: Carolyn O'Neill N6KLR 778-1758  
 BADGES : Hank Davis W6DTV 823-7885

## -----ACTIVITIES COMMITTEE-----

PUBLIC SVC: Rudy Mappus N6KLU 664-1978  
 PROGRAM CHAIRMAN: Phil N6OOA 838-2912  
 REFRESHMENTS AT MEETINGS: Bob WD6DPE  
 GREETER AT MTGS: Sarah Davis N6FAX  
 RAFFLE: Rich KA6SSL Ken N6MHG Barry N6MHH  
 QSL MANAGER: Doug Bender WW6D  
**VEC EXAMS:** Hank W6DTV 823-7885, WA6ACX  
 N1AL K6ANP AG6C WD6CKP WN6D WW6D WW6F  
 WB6FRZ KF6FX WA8LLY W6RIA WB6UDR WU6W  
 EDUCATN: Don WA6ACX, Doug WW6D, John W6TLK  
 Steve WA8LLY, Joel WB6PDP, Larry KF6WV  
 AWARDS CHAIRMAN: Steve Lund WA8LLY  
 MBR-OF-YEAR CHAIR: Rudy Mappus N6KLU  
 FLEA MARKET CHAIR: Alan Bloom N1AL

## -----REPEATER CONTROL OPERATORS-----

WD6CKP 542-6750	W6DTV 823-7885
WB6PER 526-2972	N6KMJ 778-1758
WN6D 544-7943	WB6UAZ 544-7943

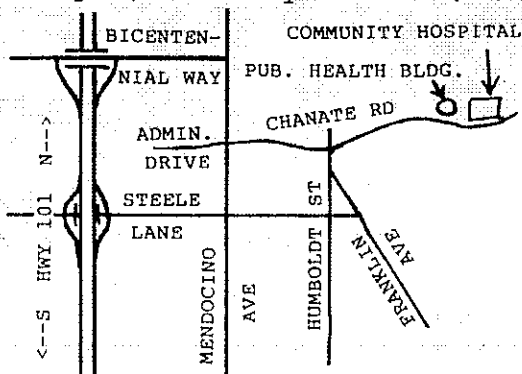
## -----CLUB MEETINGS-----

7/7:30 PM first Wed each month at the  
 Public Health Bldg, 3313 Chanate Rd, SR

**\*\*\* NO REGULAR MEETING IN AUGUST! \*\*\***

Meeting at the picnic Aug 15 (see p4)  
 Sept meeting at regular time/place.

Meetings open to all, member or not.  
**Dues** are \$12/year, plus a one-time \$4  
 initiation fee. (Includes call sign/  
 name badge.) Family membership: \$18.

**ARE YOU NOT AN SCRA MEMBER?**

IF SO, then this is a complimentary copy. Our club is into almost every aspect of amateur radio: repeaters (13/73), Field Day, license classes (novice/upgrade), 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 SCARS net on the 146.13/73 repeater every Tues. night at 7 PM. You will hear the latest Westlink Amateur Radio news broadcast, SCRA announcements, and a Swap Shop. If you would like to join SCRA, please refer to the dues listed below. 73!

**SHORT SKIP ADVERTISING RATES:**

Business cards: \$10

\$14 First 1/4 Column  
 \$2 Additional 1/4 Columns  
 (\$28 Full Page, 1 side)

Pre-printed inserts: \$28/sheet

Guaranteed circulation: 200/month  
 AD DEADLINE: 15th of previous month

**RADIO SHACK**

Store Nr. 3855

Zane Bates, Manager

510 Farmers Lane Telephone  
 Santa Rosa, CA 95405 546-8423

**PACKET COMMITTEE:** Al N1AL Jim WN6D  
 Terry WA6RNF Rich KA6SSL



### THE PRESIDENT'S CORNER

Well..... As most of you may already know, SCRA did not retain the trophy for Field Day. REDX were the winners this year!!!!!!???!!! Keep your eye open when looking through QST for the final score.

Remember the club meeting will not be held at the EOC in the month of August. It will be held in conjunction with the club picnic at Steve WA8LLY's home at 10180 Mill Station Road. There is a fox hunt planned from 10 to 11 PM.

Socializing will begin at 11 AM and barbecuing at noon. The business meeting will begin at 1 PM followed by games and frolicking!!!!!! Swimming will be from 2-4 PM.

Please bring your own main course and something to share plus bring your own plates, silverware, etc. The club will provide soft drinks, condiments and coals (see p 4).

Steve could use some help to move some picnic tables. If you can help, please give Steve a call.

Let's not forget the food drive going on. There was not a response at the last club meeting. Write yourself a note or whatever and remember to bring something with you to the picnic.

There will be a Tuesday night net survey to get an idea of those interested in coming to the picnic.

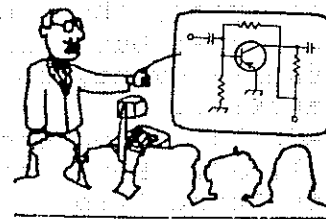
The next board meeting will be at Lyle's house on July 18 at 7:30

As you may have noticed, the Tuesday evening net has had a few changes. The club is interested in hearing comments from the hams on how you approve or disapprove of the change. Please air your comments on the net or send them to PO Box 116, Santa Rosa, 95402.

The club will be submitting a letter for the club of the year award this year. Al Bloom N1AL has written up a very nice two-page letter of the things the club has done over the past year.

Larry KF6WV would like to donate a 6 meter GE transmitter with four cavities to put up to provide communications in some of the more

shaded areas. He would like to have the club vote on this at the next club meeting (club picnic), so give it some thought and bring your ideas and comments.



There are enough people to begin a Novice class in September, but an instructor is needed. If you can help, please get in touch with Steve WA8LLY. There is also a need for VE examiners. If you can help in this area, please contact Lyle or Hank.

And as always..... if you can help on any of the public service events, please give Rudy a call.

If you have any surplus gear you would like to get rid of, RACES will have a table at the Sebastopol swap meet. Please contact Gary N6ONZ or Jim WB6PER.

That's all for this month. See you at the picnic.....

73, \*\* Connie N6FYV \*\*

### NEW MEMBERS SINCE LAST MONTH

Tom Ciccateri WA2BDM  
Box 6612  
Santa Rosa, CA 95406  
586-1624

Mike Weihman N1DJE  
775 Benicia Dr #4  
Santa Rosa, CA 95405  
538-3847

Sam Brewer WN6W  
512 Heavy Ct  
Santa Rosa, CA 95401

Jacques A. Wibier WB6ZRP  
496 Greenwood Dr.  
Santa Rosa, CA 95407  
578-1927

We now have 185 members.

## SCRA PICNIC AUGUST 15

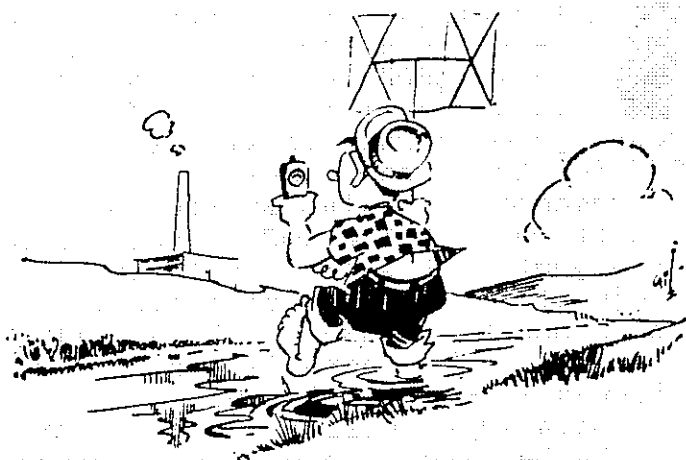
You are all invited to the 1987 SCRA Picnic on 15 August at Rainbow Ranch, home of Nancy and Steve, WA8LLY. This year, the picnic will also be the August business meeting. This is a family event, so bring the kids or grandkids.

Don WA6ACX has a Fox Hunt planned from 10 to 11 AM. See details elsewhere in Short Skip.

Socializing starts at 11 AM and the coals will be ready for BBQ'ing at noon. The business meeting starts at 1 PM, followed by games (frisbee toss, water balloon toss, gopher hunt and SCRA FD generator tug-of-war) organized by Steve KD6GC. The POOL will be open from 2-4 PM. You must watch your own kids.

Potluck: SCRA provides the soft drinks, condiments & charcoal. You need to bring your own main course, silverware, etc. and something to share. (NO assignments by last name -- be creative.) You may also want to bring a lawn chair or blanket.

P.S. We would like to reserve the parking near the house for our handicapped members. There's lots of parking in the field, look for the balloons at the gate.

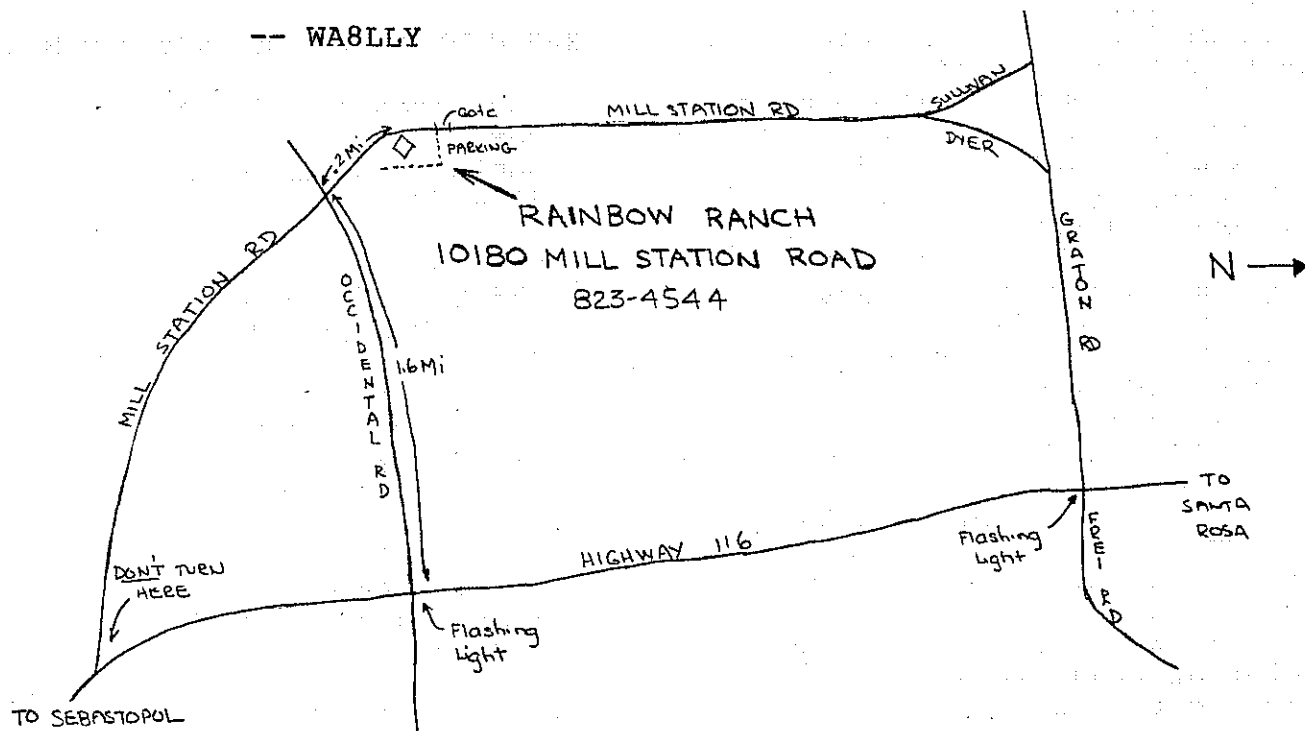


## FOX HUNT!

At long last, we're having another transmitter hunt: 10 AM August 15, just before the picnic. Don WA6ACX is the "fox", and he already has his hiding place picked out. Bring your vehicle and a two meter radio tuned to 146.52 MHz to the parking lot in front of the Post Office behind Coddingtontown. Since the picnic starts at around 11, the hunt should last less than an hour.

Listen to the SCRA net on 146.73 Tuesdays at 7:30 PM for any updates.

-- WA8LLY



PLEASE PARK IN FIELD, NOT  
ALONG ROADWAY

## MINUTES OF THE GENERAL MEETING OF SCRA, JULY 1, 1987



Officers present: President: Connie Freitas N6FYV, Secretary Marie Mappus KI6QY, Treasurer: Al Bloom N1AL, Members at Large: Don Osborne WA6ACX, Brian Torr N6IIY, Repeater Chairman: Hoppy Bravin WD6CKP, Activities Chairman: Lyle Meek WW6F.

Visitors: Bob Magnani K6QXY, Al Ferrera WA6MXI, Jim Andrews, Mike Weilman N1DJE, Ron Pipes WB6NBR.

New Call: Jim Pelmulder N6PTM.

The meeting was called to order at 7:35 by President, Connie Freitas N6FYV.

Connie N6FYV announced that the August meeting will be held in conjunction with the club picnic at WA8LLY Steve's home. Connie also announced that Russ N6KMJ was in the hospital recovering from surgery.

Phil N600A introduced the guest speakers, Bob K6QXY and Al WA6MXI, who gave a very interesting and informative presentation on moonbounce.

Warren WB6RHP made a motion to approve the minutes as presented in Short Skip with the correction in the spelling of two names. This was seconded by Terry WA6RNF.

Phil N600A made a motion to approve the Treasurer's report as printed in Short Skip. This was seconded by Terry WA6RNF.

Doug WW6D and Steve WA8LLY reported on the Field Day contest between SCRA and REDX. REDX won with a total of 2475 contacts. The SCRA made 1112 contacts. The contest plaque will be engraved and given to REDX at the Christmas party. Field Day was not well attended this year. Only 12 hams operated and 38 attended the outing.

## COMMITTEE REPORTS:

Hoppy WD6CKP stated that the autopatch was still not working properly, and that they are at present unable to determine the cause of the problem.

Steve WA8LLY asked for volunteers to teach a Novice class in September. There is a waiting list of people who would like to attend. He also stated that people at Field Day expressed an interest in taking a Novice class. Joel WB6PDP is still teaching Novices and has twelve people in class at present.

Bob WD6DPE reported on the June RACES meeting. The training committee is going ahead with plans to hold a training session sometime the latter part of September or early October. They would like to obtain classrooms and an auditorium in a school for the project. There would be various sections and the attendees would rotate between the various sections.

Al N1AL reported that the power supply for packet was finished, but that the remainder of the project was temporarily on hold.

Marie KI6QY stated that the club has two new runs scheduled. One is a Stride for Life to benefit the Petaluma Valley Hospital on July 11, and the other is a kayak race on the Russian River on July 12. Another event scheduled on July 19 is to benefit Muscular Dystrophy.

## OLD BUSINESS:

The Council of Clubs has been disbanded due to lack of interest on the part of the members of the various clubs.

For the time being, roll call on the Tuesday night net will be suspended. Larry KF6WV stated that the net should be used to obtain ideas for the next club meeting, make announcements, and give information of interest to members not attending the club meeting.

There is a 10 meter net on 28.4 MHz directly following the club net. It was suggested that mention of this net be included in the preamble of the SCRA Tuesday net.

Hoppy WD6CKP stated that Westlinks was requesting additional help from the various clubs to alleviate shortages in their budget. He stated that

in the past, the club contributed \$25 several times a year to Westlinks. Terry WA6RNF made a motion that the club send Westlinks \$25.00. This was seconded by Doug WW6D.

Steve WA8LLY reminded the club that the club Picnic will be held at his home on August 15. It will start at 11:00 AM with a transmitter hunt. Steve KD6GC is in charge of games. The food assignment list will be printed in Short Skip. Please bring your own chairs.

Al N1AL has magnetic automobile signs and also some patches for sale.

38 members were in attendance at the July club meeting. John Lynch W6CCY won the badge lottery. Wilbur Dale N6MGY was picked for the raffle. The amount was \$71.65. Unfortunately, Wilbur was not at the meeting so this amount will be held over for the raffle at the next meeting.

Phil N6OOA made a motion to adjourn the meeting. This was seconded by Terry WA6RNF. The meeting was adjourned at 10:00 PM.

Respectfully submitted by Marie Mappus KI6QY, Secretary.



### TREASURER'S REPORT FOR MONTH ENDING JUNE 30, 1987

ACCOUNT	REVENUE	EXPENSE
Refreshments	11.62	10.56
Dues & Initiations	147.00	6.00
Fund-Raiser	90.00	87.77
Raffle	30.00	9.49
Badges		15.90
Miscellaneous	67.40	8.13
Repeater Fund	126.11	69.25
Training/Education		53.71
Westlink		24.58
Newsletter	28.00	230.84
Member supplies	88.75	
Officers Expenses		74.64
	588.88	590.87
ASSETS:		
Total General Fund		1538.17
Repeater fund interest		+29.68
Transfer to Gen Fund		-126.11
Total Repeater Fund		2032.20

-- de N1AL

## SEBASTOPOL

### Disaster test for 'hams'

Sonoma County "hams" will demonstrate their radios under simulated emergency conditions Saturday and Sunday at Ragle Ranch Park, part of a national amateur radio field day.

In an emergency, the only method of communication might be amateur radio. Russ O'Neill, vice president of Sonoma County Radio Amateurs, said ham radio was the first communication out of Mexico City during the September 1986 earthquake.

Because they will be simulating a disaster situation, amateur radio operators will not be permitted to use any commercially produced power. Operators must rely on solar power, batteries and gas-powered generators.

"You'll see some extraordinary monstrosities go up," O'Neill said.

Under nationally determined rules, operators may begin erecting antennae and setting up emergency power devices at 10 a.m. They may start broadcasting by code or radiotelephone at noon and continue for 24 hours. The public is welcome to attend.

THE PRESS DEMOCRAT, TUESDAY, JUNE 23, 1987

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COTATI, CA 94928

GEORGE SHEDORE  
MANAGER

### NEW CALLS AROUND THE COUNTY

Was... Is...

WA6ALL AA6CC Gary Harwell  
KB6RSZ N6PTM Jim Pelmulder

## 1987 FIELD DAY RESULTS

Results were not as good as our trophy-winning effort of last year. Our final score was 4504 points, approximately 750 points less than last year. Most of this is from a loss of 500 bonus points compared to last year. A breakdown of the results is as follows:

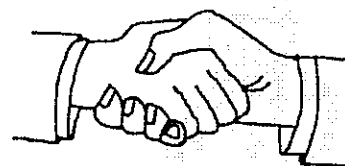
BAND	CW	PHONE	
80	173	140	
40	159	57	
20	260	168	
15	75	-	
10	-	10	
2	-	6	
OSCAR	23	41	
	---	---	
	690	422	
CW MULT.	X2		
	---	---	
	1380	+ 422	= 1802
100W MULT.		X2	
		----	
		3604	
BONUS PTS.		+900	
		----	
TOTAL:		4504	

We earned all bonus points except for working a MARS station and making a packet radio contact. The OSCAR station, which did not count as a transmitter, produced almost 200 points. Well worth the effort that W6CCY and WA8LLY put into it.

As in the past, the CW ops made the most points. This year, they even made more QSO's. The totals for 20M CW and SSB and 15M CW were improved from last year. The most disappointing band was 10M. It was open, but we had no operators available to take advantage of the situation. What a great experience you Novices and Technicians missed.

The new dupe sheets improved the duping problem of last year. Even the worst logs had less than 3% dupes. The 11x17 sheets were a bit unwieldy in that Pacific breeze we had.

-- WA8LLY



## APPRECIATION NOTES

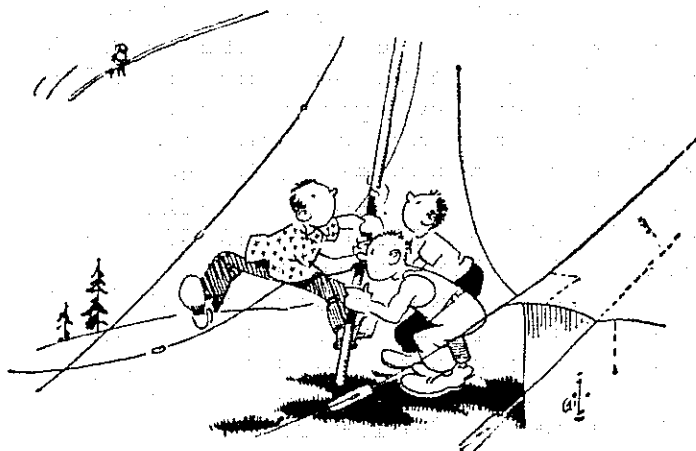
The following are two excerpts from the July 1987 issue of the Santa Rosa Cycling Club newsletter:

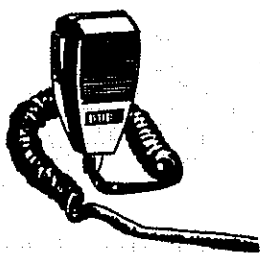
"The Santa Rosa Amateur Radio Club was there 100% from early morning to late evening, tracking the riders from sag wagons and fixed check points. I don't think these people are bike fans, but they are deeply public-spirited and recognize the "life support" a timely radio call can provide, speeding a medical helicopter to some obscure section of the course. They were as pleased as we were that that call was never needed. Formal thanks are in order."

-- Michael Rabbitt, Editor

"I'd like to thank all those who helped out, especially those who worked on the Century and the TT. The Radio Club was a big help as we were able to keep track of all the riders throughout the day. A special thanks to Rudy Mappus and Stuart Chappell for coordinating the effort between both clubs."

-- Jeff Yparriguirre, Chairman/87





### MORE VOLUNTEER ACTIVITIES

Our busy summer continues for the amateurs involved in volunteer communication activities.

On June 21, we participated in the Moscow Road Run in Monte Rio. Approximately 200 people registered for the 10K event. There were even baby carriage and wheel chair entrants. A good time was had by all. Special thanks to Don WA6ACX, Irma KF6FX, Hoppy WD6CKP, Ren KI6LS, Jud KB6OYC, Hans KI6PD, and Marie KI6QY for taking a part of Father's Day to help with this activity.

On Sunday June 28, at the request of the March of Dimes, we assisted them for the 2nd time this year at a Rock Festival on the green at the Luther Burbank Center. It was quite an experience listening to the Zazu Pitts Memorial Band & watching the people dancing on the green, including our President & Vice President. Special thanks to Connie N6FYV, Russ N6KMJ, Phil N6OOA, Wilbur N6MGY, and Marie KI6QY for giving a part of their Sunday to this activity.

July continues to be another busy month. It seems we are getting well known in the area of communications.

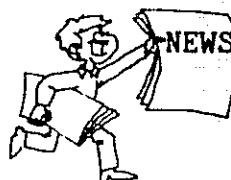
On July 11, we were in Petaluma assisting with the Petaluma Valley Hospital's "Stride for Life" 3 & 10K run. Fortunately, we encountered no problems, and everything went smoothly. We have already been asked back to assist with their next run. Many thanks to Ken N6GXI, Georgia N6GZU, Clarence W6IZR, and Marie KI6QY for their efforts in making this a successful event.

On July 12, we were at Asti and Geyserville assisting with a mini-Triathlon. It included a 5-mile kayak race, a 2-mile run and a 5-mile bike race. In the afternoon, we helped with the contests that the California Rivers Group sponsored.

The activities started at 8 AM and ended at 4:30 PM. All of the hams present wanted to try paddling the modified kayaks. Many thanks to Hans KI6PD, Connie N6FYV, Russ N6KMJ, Marie KI6QY, Bob WD6DPE, and Clarence W6IZR for a job well done.

In August, we have a 60-mile Bike-a-thon in Healdsburg and an 8k run at Bodega Bay. If you would like to take part in these activities, contact me at 664-1978.

-- Rudy N6LKU



### NEWS of Amateur Radio

AN ANGRY FCC OFFICIAL demanded the ARRL top brass come to his office. He wanted them to explain all the heat FCC has been getting on Docket 87-14, FCC's attempt to take 2 MHz of the 220 MHz band from Amateurs. An "always reliable source" told Westlink Report about the supposedly secret meeting between Thomas P. Stanley, head of FCC's Office of Engineering and Technology and ARRL Washington Liason W1UED, General Counsel N3AKD, and President W4RA. The atmosphere at the meeting was described as "less than friendly."

Reply comment deadline on docket 84-14 has been extended to July 31.

PACKET MESSAGES BY SATELLITE are now a reality with the successful testing of the Japanese "Fuji" satellite. 8J1JAS is now QRV with a reduced BBS capability due to hardware problems. Max memory for message storage is 192K.

2 NEW RUSSIAN SATELLITES LAUNCHED June 23. RS-10 and RS-11 have identical orbits but different frequencies in the 10 and 2 meter bands. The low earth orbit of 1000 km should assure stable orbits for several decades at least.

Thanks to Westlink Report for the above info.



**EVENTS CALENDAR:****NETS AROUND SONOMA COUNTY:**

Don't forget SCARS nets on Tuesdays.

RACES etc net: 1st/3rd Mondays  
7:30 PM, 146.73**AUGUST:**

- 1-2 - ARRL UHF Contest
- 3 - RACES etc. Net 7:30 PM
- 5 - SCRA meeting 7/7:30 PM
- 8 - Foothill College Flea Market
- 15 - SCRA Picnic, details later
- 16 - Healdsburg bike-a-thon
- 17 - RACES etc. Net 7:30 PM
- 20 - CDF VIP Meeting 7:30 PM

SCRA 2 M net: Every Tuesday  
7 PM, 146.73SCRA 10 M net: Every Tuesday  
7:30 PM, 28.15/28.40So Mt Rpt Asn: Every Tuesday  
8 PM, 146.91**SEPTEMBER:**

- 7 - RACES etc. Net 7:30 PM
- 2 - SCRA meeting 7/7:30 PM
- 12 - Foothill College Flea Market
- 12-14 - ARRL VHF QSO Party
- 21 - RACES etc. Net 7:30 PM
- 17 - CDF VIP Meeting 7:30 PM
- 19 - SCRA Flea Market
- 19-20 - Luebeck City-Festival

Valley of Moon: Every Wednesday  
7:30 PM, 147.47REDX DX Net: 2nd/4th Wednesdays  
8 PM, 146.73YL Net: Every Thursday  
7:30 PM, 146.73**OCTOBER:**

- 2-4 - ARRL Div. Convention, S. Jose
- 3-4 - California QSO Party
- 17-18 - Simulated Emergency Test

**NOVEMBER:**

- 7-9 - ARRL Sweepstakes, CW
- 4 - SCRA meeting 7/7:30 PM
- 21-23 - ARRL Sweepstakes, Phone

**DECEMBER:**

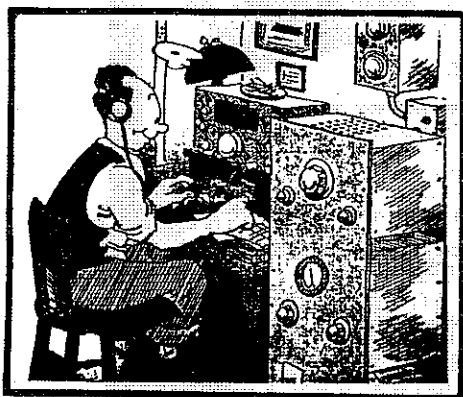
- 4-6 - ARRL 160 Meter Contest
- 5 - SCRA Christmas Party
- 12-13 - ARRL 10 Meter Contest

For the following gem, taken from an aircraft electronics manual, I am indebted to the house journal of the Institute of Scientific and Technical Communicators: "The internal guidance system uses deviations to generate corrective commands to fly the aircraft from a position where it is to a position where it isn't. The aircraft arrives at the position where it wasn't, thus, the position where it was is the position where it isn't. In the event that the position where it is now is not the same as the position where it originally wasn't, the system will acquire a variation (variations are caused by external factors and discussion of these factors is beyond the scope of this simple explanation). . ."



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(London Daily Telegraph)



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from your allotted time  
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HF TRANSCEIVER  
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220 MHz OPERATION?**

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- 2 text books, code oscillator, key & battery
- Color Ham Bands wall chart & frequency list
- Sealed novice exam for a Ham friend to give you the code & theory test in your home
- FCC license application forms & instructions to your examiner. **Ideal for spouse & the kids!**

\$49.95



#### MA-40

40' TUBULAR TOWER

~~\$745~~ **SALE! \$549**

#### MA-550

55' TUBULAR TOWER

~~\$1245~~ **SALE! \$899**

- Handles 10 sq. ft. at 50 mph
- Pleases neighbors with tubular streamlined look

#### TX-455

55' FREESTANDING CRANK-UP

- Handles 18 sq. ft. at 50 mph
- No guying required
- Extra-strength Construction
- Can add raising and motor drive accessories

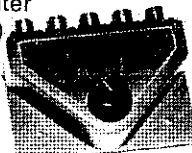
Shown with optional MARG rotor base

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Lightning Surge Protected  
4-Position RF Coax Switch

- Exclusive center "off" (ground) position.
- Uses ceramic Arc-Plug® protector.
- Micro-strip circuitry—no wafer switch.



#### Model DELTA-4

(UHF Connectors) \$69.95

#### Model DELTA-4/N

(N-type Connectors) \$89.95

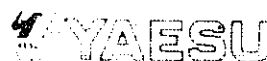
### KENWOOD R-5000



High Performance Receiver

- Covers 100 kHz - 30 MHz in 30 bands
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- Computer control option

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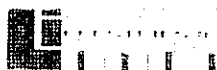


### FT-727R

5w, Dual Band  
2m/440 MHz

**Enhanced  
Version**

GREAT PRICE!



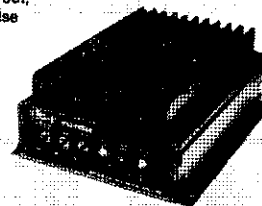
30w in, 180w out,  
with low-noise  
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**IT'S TRUE**

WX4CNT reports an incident that shows to what extremes some amateurs go with their HT's. "They wear them at all times. AT ALL TIMES."

At work, at play, clipped to their PJ's at night and, yes, even when they go to the bathroom. Seems WX4JRK found himself in extremes in the powder room the other day. Someone had removed all of the toilet tissue. HT to the rescue. A quick call to the XYL downstairs solved the problem. However, it also alerted 47 other repeater users to the catastrophe.

Offers of help poured in, advice was given freely, and the local ARES group was put on standby alert.

- Tnx The Ham Guide, WB4BAB via ARNS

**AN AMATEUR RADIO TOWER**

Why do people get upset when one puts up a radio tower? A few things in its favor:

IT DOESN'T: squeal its brakes, screech its tires, blow its horn, roar its motor, slam its doors at ungodly hours, shine its headlights in your bedroom window, nor does it backfire (except figuratively).

IT DOESN'T: Drop leaves you have to clean up, grow branches over your house, drop fruit or nuts that block your drainpipes, block your view like a tree or building, or grow roots that damage your walks or plug your drains.

IT DOESN'T: Bite you, bark or meow, leave deposits on your property, piddle on your trees, nor does it dig up and scatter garbage.

IT DOESN'T: Have boisterous parties, play loud music, or have swimming parties through the night. It doesn't ring your phone (accidentally?), nor does it ride bikes across your lawn. It's just quiet and has nothing to say.

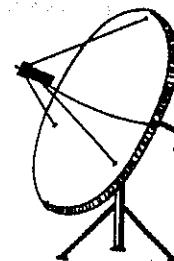
- Tnx The ARA Squelch Tale via ARNS



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ICOM 505 6 meter transceiver 10W,  
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 CUSHCRAFT AWW-3 vertical w/radials.  
 Covers WARC-bands \$50. KB6GIU 209-  
 477-3279.

DICK SMITH VHF Direction Finder \$75.  
 N6MHG 579-1230.

**LOCAL HAMS SET RECORD**

Two Sonoma County HP engineers, Bob Dildine W6SFH and sometime SCRA member Glenn Elmore N6GN have broken the world land distance record on 10 GHz. At 6:46 AM Sunday July 19, a two-way CW QSO was completed between Mt Frazier (8000 ft) in the South San Joaquin Valley and Ball Rock (6700 ft) at the Northwest end of the Sacramento Valley, a distance of 414 miles. The homebrew rigs put out 1/4 Watt on 10368.0003 MHz to 4 foot dishes. Signal levels were S4.

A half-dozen stations from San Diego to the Sacramento Valley participated in the test. Signal levels peaked at over 30 dB over the noise levels during portions of the session. For weeks, they have been checking out signal paths by "remote control" using two meter packet radio digipeaters. They used both packet and 2 meter SSB for coordination during the test.

- N1AL

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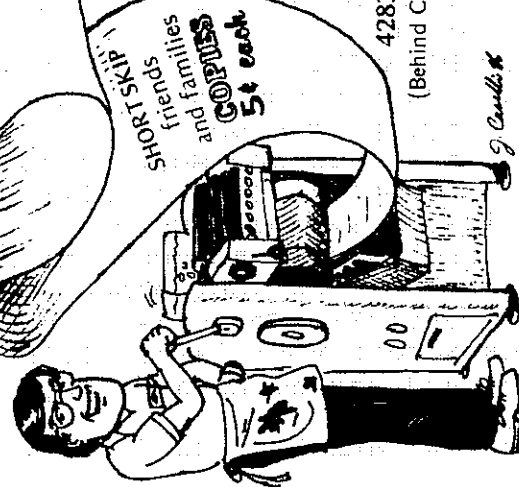
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